



Catalogue of available modules for incoming exchange students

April 2018

This catalogue lists modules suitable for students coming to LJMU for either a single semester or a full academic year. This information covers semester 1 (S1) and semester 2(S2) of the academic year 2018-19. Yearlong modules listed here are only available for students visiting for an entire academic year

LJMU semesters run from late September to mid-January (semester 1) and mid-January to mid-May (semester 2).

Most modules listed here are 20 LJMU credits (10 ECTS credits or 5 US credit hours) – three 20 modules should be studied in a single semester.

LJMU divides its modules into 4 levels:

- Level 4 is the first year of university – these modules are introductory and would not normally be appropriate for incoming students with previous experience in the subject.
- Level 5 are second year modules – these would be suitable for incoming exchange students on undergraduate degrees
- Level 6 are final year degree modules which would be suitable for incoming exchange students
- Level 7 modules are Masters level – these would not normally be appropriate for incoming bachelors students
- *Although every effort has been made to ensure the accuracy of this information, scheduling of taught sessions may constrain your choice of modules.*

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Semester 1

Accounting and finance

4000LBSAF	Introduction to Financial Accounting (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to provide students with a sound foundation in basic bookkeeping and accounting techniques.	<i>Learning activities:</i> A combination of weekly workshops with individual student activities and private study.	<i>Assessment:</i> In-class Test (25%) Closed Book Examination (75%)
4001LBSAF	Business Mathematics & Statistics (20 c) Semester 1	<i>Module aim:</i> 1. To introduce different data types and the approaches required for analysis. 2. To enable the student to appreciate the role of statistical and mathematical methods in a business environment. 3. To develop an awareness of the scope and limitations of quantitative analysis. 4. To enable the student to formulate and evaluate problems. 5. To facilitate basic forecasting and hypothesis testing for data sets. 6. To develop student skills in linear programming techniques. 7. To use computer packages for data analysis.	<i>Learning activities:</i> Weekly workshops with individual/group activities and private study.	<i>Assessment:</i> Diagnostic Test (20%) Closed Book Examination (80%)
4003LBSAF	Academic & Professional Awareness (20 c) Semester 1	<i>Module aim:</i> To prepare students for academic life at university and to engage the student in the preparation professional skills necessary for future employment.	<i>Learning activities:</i> Workshops with individual and group activities Built environment in.	<i>Assessment:</i> Individual 1000 words (60%) Self-awareness statement (10%) Group Presentation (30%)

4051BUSBM	Business and Economic Decision making (20 c) Semester 1	<i>Module aim:</i> The module aims to provide an introduction to business economics as a foundation for further study. The emphasis will be economic theory and concepts developed from real world business issues. Essentially this module introduces students to economics and applications related to business.	<i>Learning activities:</i> There are THREE components to learning activity : 1. Lectures - introduction of new material 2. Workshop - Recapping and developing material 3. Seminars - applying and testing of material	<i>Assessment:</i> Three questions (50%) Exam (50%)
4302BUSBS	FINANCE AND ACCOUNTING SKILLS (20 c) Semester 1	<i>Module aim:</i> This module is designed to provide students with an understanding of essential finance and accounting terminology and methods to enable them to perform effectively and efficiently within their future workplace. Using practical examples, students will gain confidence to be able to financial modelling skills using Excel.	<i>Learning activities:</i> In order to simulate the students they will be actively involved in identifying the rationale behind key operational and management decisions of UK and international based companies, throughout the semester. They will create a newly formed business structure, be able to select the locality, operational costs of production, capacity factors, to produce supporting calculations within excel models. Students will be informed of the different financing options available and prepare a supporting venture capital request business plan presentation, which will consider current and expected economic and market conditions. The module is fully supported by blackboard including lecture notes, case studies, internet links and appropriate literature sources. Students will link apply knowledge gained through the other core modules of business operations, marketing and contemporary business issues.	<i>Assessment:</i> EXAM (30%) REPORT (70%)

5001LBSAF	Management Accounting for Decision Making (20 c) Semester 1	<p><i>Module aim:</i> 1. To demonstrate the importance of costs and drivers of costs in the production, analysis and use of information for decision-making in organisations.</p> <p>2. To provide competencies on how to analyse information on costs, volumes and prices to take short-term decisions on products and services and to develop an understanding of risk on these decisions.</p> <p>3. To use budgeting as a means of short-term planning to execute the strategy of organisations.</p>	<p><i>Learning activities:</i> Weekly workshops with individual/group activities. Students will be expected to undertake private study as part of this module.</p>	<p><i>Assessment:</i> In-class Test (20%) Closed Book Examination (80%)</p>
5004LBSAF	Developing Employability (20 c) Semester 1	<p><i>Module aim:</i> The aim of this module is to provide students with the practical skills necessary to secure undergraduate work experience placements/summer internships and/or graduate employment.</p>	<p><i>Learning activities:</i> Lectures will be used to give students exposure to a range of employer/careers advisors/professional bodies in the form of guest lecturers. Workshops with a high level of personal development and practical activities.</p>	<p><i>Assessment:</i> Psychometric Test (20%) Recruitment Documents (80%)</p>
5005LBSAF	Law for Accountants (20 c) Semester 1	<p><i>Module aim:</i> This module enables students, as potential Accountants, to understand and apply a knowledge of the English Legal System, the basic Law of tort (negligence), The Law of contract, and agency.</p> <p>The module provides an understanding of the legal nature of the limited company and of its constitution; the basic rules for the protection of potential investors; the company law requirements concerning corporate reports and accounts; the duties of directors and auditors; the concept of majority rule and minority protection and the corporate insolvency regimes.</p>	<p><i>Learning activities:</i> Lectures and seminars.</p>	<p><i>Assessment:</i> Essay 1500 words (20%) Closed Book Exam (80%)</p>

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6001LBSAF	Strategic Management Accounting (20 c) Semester 1	<i>Module aim:</i> To develop more advanced/complex techniques underpinning management accounting and to provide students with current technical & theoretical areas within management accounting.	<i>Learning activities:</i> Lecture and workshop. The workshop provides students with an opportunity to develop their knowledge and understanding of management accounting.	<i>Assessment:</i> Individual 2000 words (20%) Closed Book Examination (80%)
6002LBSAF	Corporate Finance (20 c) Semester 1	<i>Module aim:</i> To provide an in-depth analysis of a firm's financing, distribution and risk management decisions.	<i>Learning activities:</i> Weekly workshops involving individual student activities.	<i>Assessment:</i> Closed Book Examination (100%)
7001FIMMSC	Quantitative Methods for Finance (20 c) Semester 1	<i>Module aim:</i> This module aims to equip students with the necessary foundations in mathematics and statistics to successfully study other modules of the MSc Financial Management by providing students with mathematical and statistical underpinning for the study of Financial Management. It will enable the use of Excel for mathematics of Financial Management and both SPSS and Excel for statistical analysis necessary for research and research analysis.	<i>Learning activities:</i> The module will be delivered by a combined weekly one hour lecture and two hour workshop. The workshops will involve use of computer packages Excel and SPSS to undertake required calculations for specific exercises.	<i>Assessment:</i> Report (40%) Closed book Examination (60%)
7003FIMMSC	Corporate Finance (20 c) Semester 1	<i>Module aim:</i> To provide an in-depth analysis of corporate financing, liquidity management, owner return, control and risk management decisions.	<i>Learning activities:</i> Workshops	<i>Assessment:</i> Individual Presentation (40%) Unseen, Closed Book Exam (60%)

Architecture

4111AR	History & Theory 1 (20 c) Semester 1	<p><i>Module aim:</i> To become familiar with historically significant buildings and to understand the relationship of these buildings to their contexts. To recognise themes in specific objects, which have influenced architectural thought and discourse.</p> <p>To be aware of how architectural ideas have emanated from certain cultural conditions, and their relevance to society then and now.</p> <p>To be able to develop a coherent argument with reference to the lecture series and individual research.</p> <p>To demonstrate the above by the production of an illustrated and fully referenced essay.</p>	<p><i>Learning activities:</i> The module uses numerous carefully chosen buildings and their contexts to offer the students an overview and grounding in the history of their predecessors in the architectural disciplines including urban design and landscape design. Interpretative accent is placed on the continuity of innovation and the role of architecture in the representation of culture through thematic thought. While not exclusively, the emphasis is on European history and theory. Students will produce a fully referenced and illustrated essay which conforms to standards for academic writing.</p>	<p><i>Assessment:</i> Essay (100%)</p>
4121AR	Architectural Evaluation (20 c) Semester 1	<p><i>Module aim:</i> To introduce to students methods of academic analysis and research and of the interpretation of ideas which underpin the creation of architectural space and composition.</p> <p>To introduce to students the activity of design as a multi-disciplinary process. To engage in the fundamentals of analysis of architectural design through an understanding of space, light and order.</p> <p>To introduce and formalise a programme of self-learning and key skills for the student.</p>	<p><i>Learning activities:</i> Workshop activities include orthographic drawings, 3D systems, architectural conventions, model-making and sketching. Models and analytical drawings will be the primary means of exploring building studies. For this project each group will make a digital presentation and this will be the primary assessed element of the module. A mini-portfolio, Design Diary and Student Logbook is to be presented to show evidence of PDP progress.</p>	<p><i>Assessment:</i> Artefact (80%) Report (20%)</p>

4122AR	Architectural Design 1 (20 c) Semester 1	<p><i>Module aim:</i> To introduce to students methods of research, exploration and the interpretation of ideas which underpin the creation of architectural space and composition.</p> <p>To engage in the fundamentals of architectural design through an understanding of space, light and architectural directive through the exploration of models.</p> <p>To introduce the environmental and thermal factors in buildings.</p> <p>To introduce and formalise a programme of self-learning and key skills for the student.</p>	<p><i>Learning activities:</i> Workshop activities include orthographic drawings, 3D systems, architectural conventions, photomontage, photography, model-making and sketching. Models and analytical drawings will be the primary means of exploring building studies. For this project each group will make a digital presentation and this will be the primary assessed element of the module. A mini-portfolio, Design Diary and Student Logbook is to be presented to show evidence of PDP progress.</p>	<p><i>Assessment:</i> Artefacts (80%) Report (15%) Report (5%)</p>
5111AR	History & Theory 2 (20 c) Semester 1	<p><i>Module aim:</i> To enable the student to understand the development of key developments in Urban Design from antiquity to the present day. To enable students to understanding the principal movements in twentieth century architecture within their various cultural and historical contexts.</p> <p>To understand and analyse seminal twentieth century architectural movements, ideas and buildings and to know their architects and designers.</p> <p>To research, analyse, and communicate the form and context of significant urban spaces encountered as part of the workshop abroad (or UK equivalents).</p> <p>To research, develop and prepare an academic illustrated and fully referenced essay.</p>	<p><i>Learning activities:</i> Students are encouraged to read widely and research their chosen essay subjects using a variety of sources both in local libraries and institutions further afield. During the first semester a directed Study Tour to a major European city of architectural importance will introduce the student to invaluable first-hand experience with seminal buildings, their creators and their users. Barcelona, Berlin, Amsterdam, Copenhagen, Paris and Athens have been the venues of past Study Tours. At the end of the first semester students will produce a fully referenced and illustrated essay which conforms to standards for academic writing.</p>	<p><i>Assessment:</i> Essay (100%)</p>

5121AR	Urban Design Strategy (20 c) Semester 1	<p><i>Module aim:</i> This module aims to instil students with an understanding of the processes of research, observation, recording and analysis, leading to their application of these to the design process, in conjunction with conceptual ideas. Urban spaces and their design become the focus for project proposals, with appropriate consideration of issues relating to urban design. The group working will expose students to the value of personal initiative in a team context involving research, surveying and planning skills, and formulation of design priorities.</p>	<p><i>Learning activities:</i> Site visits will be undertaken to facilitate research and analysis of characteristics and features of the site and existing urban spaces. Group work will first focus on in-depth analysis of an area of the urban environment. Activities will then focus on the conceptual and design development of a masterplan for an urban element / area (e.g. street, urban space, etc.) deriving from a clear thematic strategy. This will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, elevations, and spatial studies) and models for both components of this module, supported by design diaries and developmental work.</p>	<p><i>Assessment:</i> Artefacts 1 (20%) Artefacts 2 (80%)</p>
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<p>5122AR</p>	<p>Urban Design Project (20 c) Semester 1</p>	<p><i>Module aim:</i> This module aims to instil students with the ability to individually produce a detailed spatial design, which is derived from a masterplan and that responds to ideas developed through working at a range of scales. The module then aims to develop students' understanding of technical strategies relating to design, resulting in meaningful and considered integration of strategies for sustainable design and materials.</p>	<p><i>Learning activities:</i> Learning activities will focus on the development of a detailed spatial design derived from a masterplan, and a technical study relating to this design. This will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, elevations, and spatial studies) and models, supported by design diaries and developmental work, and a technical study presented as a report.</p>	<p><i>Assessment:</i> Artefacts (50%) Report (50%)</p>
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6111AR	CDP Research (20 c) Semester 1	<i>Module aim:</i> To facilitate knowledge of architecture and its theories with focus upon contemporary practice. To engage in analysis of architectural designs of this period, and relate them to contemporary philosophical ideas and social phenomena. To explore the role of contemporary urban theories in developing approaches to design.	<i>Learning activities:</i> This module contains eight lectures, two seminars and two chaired panel discussions distributed within the first semester. Each lecture will deal with a defined theme, exploring concepts through international architects/artists and their achievements. The role of the critique and the designer in the evolution of new architecture is also discussed. The student will also be expected to engage in a significant element of background reading and research. Two chaired panel discussions will debate issues raised within the preceding eight lectures, with speakers adopting theoretical positions and the audience encouraged to participate with questions. Two seminars will deal with the conventions and best practice of academic report writing. Students will produce a written, illustrated and referenced report which establishes a conceptual position, supported by precedent, for their subsequent comprehensive design project (6123AR).	<i>Assessment:</i> Report (100%)
6121AR	Architectural Design 3 - Origination (20 c) Semester 1	<i>Module aim:</i> To instil students with an understanding and appreciation of the process of researching and developing thematic brief then interpreting this into spatial designs. The meaningful and considered integration into the existing physical and social context through strategies for sustainable design considering cultural and environmental sustainability.	<i>Learning activities:</i> Lectures, tutorials, studio design workshops, seminars, design reviews, C.A.A.D. The student will be expected to engage in a significant element of self-directed learning, as well as background reading and research.	<i>Assessment:</i> Report (20%) Artefacts (80%)

6122AR	Architectural Design 3 - Resolution (20 c) Semester 1	<p><i>Module aim:</i> To instil students with an understanding and appreciation of the processes involved to develop a design emerging from module 6121AR in terms of spatiality, materiality and environmental integration clearly exhibited through models, diagrams drawings and reports such that it clearly exhibited as appropriate for the purpose that it was intended.</p>	<p><i>Learning activities:</i> Lectures, tutorials, studio design workshops, seminars, design reviews, C.A.A.D. The student will be expected to engage in a significant element of self-directed learning, as well as background reading and research</p>	<p><i>Assessment:</i> Artefacts (50%) Report (50%)</p>
7111AR	Theory & Research 1 (30 c) Semester 1	<p><i>Module aim:</i> Output 1: Urban Design Theory To engage in the comprehensive appraisal and analysis of a number of urban design precedents. Utilising appropriate precedents inform the theoretical basis of an Urban Strategy project in module 7121AR.</p> <p>Output 2: Specialist Study Topic and research methods To select through discussion and seminars an appropriate subject for detailed exploration in the Specialist Study module 7112AR. To establish an appropriate research methodology and literature review as part of the background scoping for the Specialist Study.</p> <p>Output 3: Fine Art Influence and application in Architecture To explore through lectures and seminars issues relating to the influence and integration of fine art theories and practices upon architectural concepts.</p>	<p><i>Learning activities:</i> Output 1: Urban design Theory Each student will be tasked with analysing a series of urban design precedents and presenting the results as an illustrated, referenced essay. The essay will explore the connections between the selected precedents and the students group Urban Strategy.</p> <p>Output 2: Specialist Study Proposal and research methods Each student will be required to formulate a title and subject for a specialist study. An appropriate research methodology must be identified together with a literature review, this will form the basis of an illustrated referenced report.</p> <p>Output 3: Fine art influence and application in architecture. Following a series of lectures and seminars students will prepare an illustrated referenced essay exploring the themes discussed in the lecture series. These themes will link to the second semester architectural design project.</p>	<p><i>Assessment:</i> Essay 1 (40%) Essay 2 (40%) Presentation (20%)</p>

7121AR	Urban Design Project 1 (30 c) Semester 1	<p><i>Module aim:</i> To provide students with a comprehensive introduction to the theory and practice of urban design. To provide historical and theoretical knowledge along with a range of technical skills to enable the analysis, generation and communication of urban design projects. To place urban design in a social, political and economic context with an understanding of environmental sustainability and cost / value issues.</p>	<p><i>Learning activities:</i> Production of analysis, research, design and communication material. Drawings, diagrams and physical/ computer models at appropriate scales, videos and multi-media presentations as appropriate. Orthographic and perspective drawings to exhibition standards. This module will fully utilise a wide range of techniques, allowing students to improve existing skills and develop new relevant methods. Material on historical precedent and cultural and theoretical context is to be prepared as part of the group design and integrated into the Project Report. Sustainability of the design proposal is to be analysed and presented, Strategic Financial Appraisal and will also be integrated into the Project Report.</p>	<p><i>Assessment:</i> Artefacts 1 (60%) Report (10%) Artefacts 2 (30%)</p>
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7211AR	Theory & Research 2 (20 c) Semester 1	<p><i>Module aim:</i> Output 1:Urban Design Theory Component To present in two seminars research into a number of key contemporary urban theoretical matters ranging from strategic sustainability, urban order, the impact of transport and the relevance of context. These seminars will be supported by eight lectures on contemporary urban issues and the outputs will feed into the group urban strategy in module 7221AR. Output 2: Thesis theory and Research To provide the opportunity to identify and research an area of architectural theory which will inform the design component of module 7222AR. A series of tutorials and reviews will enable a debate about the content whilst seminars will explore specific research methods.</p>	<p><i>Learning activities:</i> Output 1: Urban Theory Component Written illustrated and referenced report which draws upon the themes introduced in the associated lectures, and utilises the Group Urban strategies developed in 7221AR to explore the possible implication of these upon urban form. Output 2: Thesis Research and Brief Development Component An illustrated, referenced report which explains the theoretical basis for the second semester Thesis project and explores relevant precedent and example. The report will establish the conceptual, functional, spatial and technological framework for the thesis project.</p>	<p><i>Assessment:</i> Report 1 (30%) Report 2 (70%)</p>
7221AR	Urban Design Project 2 (30 c) Semester 1	<p><i>Module aim:</i> To develop an advanced level of knowledge and skill in urban design, progressing from the core skills acquired in Urban Design Project 1, Module 7121AR. To utilise these skills to create an urban design scenario as a context for the students subsequent Thesis Project Module 7222AR. To produce a complete and coherent urban design project suitable for presentation within public exhibition and to academic standards in terms of place/city based research activity.</p>	<p><i>Learning activities:</i> Production of an advanced level of analysis, research, design and communication material. Drawings, diagrams and physical/ computer models at appropriate scales, videos and multi-media presentations as appropriate. Orthographic and perspective drawings to exhibition standards. This module will fully utilise a wide range of techniques, allowing students to improve existing skills and develop new relevant methods. Material on historical precedent and cultural and theoretical context is to be prepared as part of the group design and integrated into the Project Report. Sustainability of the design proposal is to be analysed and presented, Strategic Financial Appraisal and will also be integrated into the Project Report.</p>	<p><i>Assessment:</i> Artefacts (80%) Report (20%)</p>

7231AR	Management Practice & Law (10 c) Semester 1	<i>Module aim:</i> To provide students with knowledge and understanding of the context of the architect and the construction industry, including the architect's role in the processes of procurement and building production under UK legislation.	<i>Learning activities:</i> Students will attend a series of twelve Lectures that explore key aspects of contemporary architectural management practice and law. They will also attend two seminars that discuss the issues raised in the lecture series and that encourage them to appraise of the key challenges and opportunities in contemporary architectural practice and to speculate on future directions. Tutorials will guide student in the selection, research and production of a written submission that will explore these issues. Students will be encouraged to read widely and research their chosen essay subjects using a variety of sources both in local libraries and institutions further afield.	<i>Assessment:</i> Essay (100%)
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Art

4101FA	Building a Vocabulary (40 c) Semester 1	<p><i>Module aim:</i> To introduce the role of collaborative and individual practice within the culture of the programme. To introduce a variety of approaches to the development and production of contemporary Fine Art practice. To introduce presentation skills. To introduce critical and evaluative skills</p>	<p><i>Learning activities:</i> A programme of studio and city-wide based team and individual activity supported by lectures and opportunities for critical debate. The module is further supported by an introduction to basic skills and workshop orientations that will facilitate independent and self-directed practice.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>
4105FA	Introducing Criticality 1 (20 c) Semester 1	<p><i>Module aim:</i> To introduce independent learning and professional engagement in Fine Art practice. To introduce critical and professional practice in Fine Art. To enable students to develop self-reflection through reflexive writing</p>	<p><i>Learning activities:</i> This module is designed to promote independent critical and professional learning in Fine Art through engagement with art history and contemporary practice, and relate this to PDP skills. Learning activities will normally include field visits, lectures, seminars and workshops. The work will be supervised via a series of tutorials and on-line support for a blog.</p>	<p><i>Assessment:</i> Presentation (50%) Reflection (50%)</p>

4110HA	Artists and Practices (20 c) Semester 1	<p><i>Module aim:</i> To outline key developments in the history of the artist. To examine them in the context of films, monographs and autobiography. To introduce basic materials and techniques used by artists and develop an understanding of these.</p>	<p><i>Learning activities:</i> Lectures and seminars explore shifting notions of the artist from the writings of Vasari through to present day, with some reference to collections of art on display in Merseyside galleries. Students will learn how to analyse representations of the artist through examination of self portraits, critical viewing of films and close reading of text. Students will also learn about materials and techniques of art and design.</p>	<p><i>Assessment:</i> Presentation (50%) Essay (50%)</p>
5101FA	Practice and Experimentation (40 c) Semester 1	<p><i>Module aim:</i> To provide students with a period of practical and theoretical study through experimentation located in the studios or in approved external locations. To encourage continual evaluation of personal practice and to develop a firm sense of direction combined with strategies for study through experimentation. To consolidate the integration of theory and practice. To enable students to place their own work within the wider cultural context.</p>	<p><i>Learning activities:</i> Students will shape the development of their own contemporary Fine Art practice via exhibitions, projects, frameworks, lectures, tutorial, group tutorials cross-year group crit shows, and seminars. The module is further supported by a variety of specialist workshops/master-classes that will develop confidence and direction and facilitate independent and self-directed practice through experimentation.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>

5105FA	Criticality 1 (20 c) Semester 1	<p><i>Module aim:</i> To advance independent learning and professional engagement in contemporary Fine Art practice. To advance critical independent understanding of historical fine art practice, methodology and context. To enable students to advance the personal interest related to their programme of study through reflexive writing.</p>	<p><i>Learning activities:</i> This module is designed to promote independent critical and professional learning and practice in Fine Art through an advanced engagement with reflexive writing and PDP skills. As such the learning activities are determined via negotiation between student and tutor and will normally include lectures, seminars, workshops, and field-visits. The work will also be supervised via a series of tutorials.</p>	<p><i>Assessment:</i> Presentation (50%) Essay (50%)</p>
7001MAAS	Studio Practice - Art in Science (30 c) Semester 1	<p><i>Module aim:</i> To help students develop and challenge their practice and locate it within contemporary art in science practice. To develop verbal communication skills in relation to the students' own practice and the broader context of the field of art in science. Enable students to undertake self-initiated and/or set projects that demonstrate a high level of engagement with technical processes and production methods. To provide students with an opportunity to present work which demonstrates and enhances their practice.</p>	<p><i>Learning activities:</i> Students will be required to undertake self-directed and/or set projects. Studio based tutorials, practical activities, workshops and group crits will support the development and production of these projects.</p>	<p><i>Assessment:</i> Portfolio (80%) Presentation (20%)</p>

7003MALSAD	Research & Practice 1 (30 c) Semester 1	<p><i>Module aim:</i> To encourage an awareness of the histories, theories, critical and professional approaches that underpin and inform art and design practice within named disciplines.</p> <p>To provide students with a range of theoretical tools to support independent conceptual and critical evaluation of their own practice in relation to contemporary Art & Design.</p> <p>To enable students to identify and propose, through written communication, further areas of research in relation to the broader contexts which underpin contemporary practice via seminar presentation with appropriate supporting material.</p>	<p><i>Learning activities:</i> A series of lectures and seminars will introduce students to current and emerging practice in relation to a diverse range of historical, theoretical and critical principles.</p> <p>Seminars and tutorials will require students to share, discuss and evaluate their ideas and practice with others.</p> <p>Practical tutorials will be given where appropriate to support students developing their major project report materials.</p> <p>Students are required to read and discuss a range of primary and secondary texts in their chosen field to develop their critical thinking together with their historical and theoretical knowledge.</p> <p>Students are required to document their ongoing reflexive critical practice for incorporation into the project proposal.</p> <p>Students are required to attend lectures, seminars and tutorials, substantiated by developmental work indicating progression since the previous tutor-led discussion.</p> <p>The module culminates in students presenting a major project proposal in a report format including a literature review and methodology.</p>	<p><i>Assessment:</i> Report (100%)</p>
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7004MAEXH	Studio Practice (Exhibition Studies) (30 c) Semester 1	<p><i>Module aim:</i> To introduce students to the professional practice of exhibition making; To develop awareness of core practices, models, and challenges of exhibition making; To provide students with technical and critical skills and methodologies relevant to the enhancement of their practice; To analyse and critically evaluate exhibitionary practices histories and strategies through specific exhibition case studies.</p>	<p><i>Learning activities:</i> Learning Activities include tutor-led workshops; one-to-one tutorials; self-directed study; peer group discussion, and training in proposal and report writing. Students will undertake supported site visits to relevant exhibitions in Liverpool and elsewhere. Students will analyse, discuss, and debate key exhibitions in case study sessions, and share discuss and interpret material in a similar environment. Tutorials will help students to articulate and refine ideas in relation to the Portfolio assignment.</p>	<p><i>Assessment:</i> Project (80%) Viva (20%)</p>
7004MAFIR	Studio Practice (Fashion Innovation & Realisation) (30 c) Semester 1	<p><i>Module aim:</i> To ensure students develop creative and technical excellence in their aesthetic understanding of practical and creative practice To support students in the sourcing and utilization of appropriate materials and methodologies to create samples and trials in an appropriate format To ensure students develop practical and critical skills that demonstrate creativity, individual languages and signatures</p>	<p><i>Learning activities:</i> Study will be primarily through studio-based tutorials, studio group critiques, workshops and presentations. Students will be invited to attend presentations by professionals, scholars and alumni from the fashion and creative industries. Students will also be able to attend talks and presentations by key contributors on the Fashion BA undergraduate programme.</p>	<p><i>Assessment:</i> Presentation (50%) Portfolio (50%)</p>

7012MA	Studio Practice (Fine Art) (30 c) Semester 1	<p><i>Module aim:</i> To help students develop their practice in relation to their own concerns and locate it within the broader context of Contemporary Fine Art practice.</p> <p>To develop verbal communication skills in relation to the students' own practice and the broader context of Contemporary Fine Art Practice.</p> <p>To provide students with the technical skills and methodologies relevant to the enhancement of their practice.</p>	<p><i>Learning activities:</i> Study will be primarily through studio based tutorials, studio group crits, workshops and presentations.</p>	<p><i>Assessment:</i> Presentation (80%) Portfolio (20%)</p>
7101MRAD	RESEARCH PROPOSITION AND DEVELOPMENT 1: Report (30 c) Semester 1	<p><i>Module aim:</i> To offer the support of a practical and critical environment within which students can develop the skills necessary to critically evaluate their research.</p> <p>To identify and explore broad critical debates relating to Art and Design research.</p> <p>To extend awareness and analysis of research practices.</p> <p>To critically examine a range of advanced research methodologies.</p>	<p><i>Learning activities:</i> The module will be taught in seminars, group and individual tutorials, with field visits as appropriate to the individual project. Students will attend seminar session presentations on established research topics and practices. Students will reflect on their literature review in the light of other modules, identify an appropriate research methodology and conduct an extended research project proposal.</p>	<p><i>Assessment:</i> REPORT (100%)</p>

Art History

4111HA	Frameworks in Art History (20 c) Semester 1	<i>Module aim:</i> To introduce students to the range and diversity of areas of the discipline of art history. To introduce students to some of the themes of universal concern to artists from all eras. To familiarise students with the necessary skills for investigating art history.	<i>Learning activities:</i> Lectures Seminars Workshops Museum and Gallery Visits	<i>Assessment:</i> Reflection (70%) Presentation (30%)
4117HA	Introduction to Art History (20 c) Semester 1	<i>Module aim:</i> To explore art and design works in a chronological context. To explore art and design themes and issues in a chronological context. To examine the social contexts for art and design.	<i>Learning activities:</i> This module is lecture driven. A chronological spread of art and design movements will be examined in lecture format will follow-up tutorial opportunities.	<i>Assessment:</i> Essay (80%) Reflection (20%)
5115HA	Curating: Histories and Practices 1 (20 c) Semester 1	<i>Module aim:</i> To outline key museological concepts and issues. To identify and explore broad critical debates relating to contemporary practices of display. To develop awareness and analysis of curatorial practice. To develop skills of self and peer evaluation. To develop appropriate project and team management skills.	<i>Learning activities:</i> Lectures, seminars and field visits are augmented by the expertise of museum professionals from arts organisations on Merseyside. In collaboration with Tate Liverpool, Liverpool Biennial and other organisations this module includes talks from professional curators, practical demonstrations of curatorial work and the opportunity to develop an exhibition proposal with appropriate curators.	<i>Assessment:</i> Presentation (100%)

5116HA	Internship and Professional Development Preparation <i>(10 c)</i> Semester 1	<p><i>Module aim:</i> 1. To provide students with practical internship experience within a professional environment.</p> <p>2. To evaluate the deployment of professional skills through self reflection and evaluation.</p> <p>3. To enable students to create career management plans and to prepare the relevant information/documentation to assist them in future employment/self-employment.</p>	<p><i>Learning activities:</i> Students will receive practical demonstrations of careers guidance in workshops and seminars. Sessions will introduce students to professionals employed in various aspects of the cultural industries. In collaboration with local host institutions this module gives students the opportunity to undertake a professional placement. Students will show competence in work-related areas as specific to the host institution. Typically learning activities might include: leading educational workshops/tours; contributing to promotional or publicity material; compiling and maintaining databases; minute-taking; letter writing; and dealing with the public. Students will also be taught how to prepare job application materials, and how to manage their careers.</p>	<p><i>Assessment:</i> Presentation (100%)</p>
5117HA	Art and Representation <i>(20 c)</i> Semester 1	<p><i>Module aim:</i> To outline key debates concerning the theories of representation.</p> <p>To examine key images in their socio-political context.</p> <p>To evaluate research materials.</p>	<p><i>Learning activities:</i> Lectures and seminars explore contemporary examples of representation and image analysis through examination of images and close reading of text.</p>	<p><i>Assessment:</i> Essay (60%) Report (40%)</p>

5123HA	History of Design and Applied Arts (10 c) Semester 1	<p><i>Module aim:</i> To expose students to a range of applied arts and design that are on the periphery of classic History of Art.</p> <p>To introduce students to the diversity of practices and techniques employed within design and applied arts.</p> <p>To inform students about the complex social and historical contexts for the production of design and applied arts.</p>	<p><i>Learning activities:</i> Typically learning activities might include: lectures, seminars, visits to galleries and museums.</p>	<p><i>Assessment:</i> Essay (100%)</p>
6106HA	Major Project Research & Development (20 c) Semester 1	<p><i>Module aim:</i> To allow students the academic space to follow and develop their personal areas of interest identified at Levels 4 and 5.</p> <p>To develop the ability of students to plan, implement and complete a sustained piece of practical or applied research.</p> <p>In consultation with the Centre for Entrepreneurship, students to develop knowledge about freelance work, business project development and practice.</p> <p>To promote the application of specific and transferable skills in a professional environment.</p>	<p><i>Learning activities:</i> Students will research & develop their own in-depth programme of projects specified by a Learning Agreement, which will include the headings of Project Aims/Presentation/Evaluation and Learning Outcomes. Students will also attend the cross-programme semester-long series of lectures by artists, historians, critics and industry professionals.</p>	<p><i>Assessment:</i> Report (100%)</p>

Biochemistry

4101BCBMOL	PRACTICAL SKILLS IN BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> To facilitate effective study of Biochemistry by providing a foundation in research skills, data handling, IT, laboratory techniques and study skills, via lectures, practicals, workshops and tutorials. A mixture of academic and transferable skills will be delivered.	<i>Learning activities:</i> Lectures, workshops, practicals, tutorials, PDP.	<i>Assessment:</i> Written exam (60%) Oral presentation (40%)
4102BCBMOL	INTRODUCTION TO STRUCTURAL AND FUNCTIONAL BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> To develop a basic fundamental understanding of structural and functional aspects of macromolecules, particularly proteins, in biology.	<i>Learning activities:</i> Lectures & practicals	<i>Assessment:</i> Report (50%) Exam (50%)
4103BCBMOL	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the fields of cell biology (the study of the structure and function of cells) and molecular biology (the study of the relationships between DNA, RNA and proteins).	<i>Learning activities:</i> Lectures Practicals Workshops	<i>Assessment:</i> exam (70%) practical write up (30%)

5101BCBMOL	METHODS IN BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> Theory and practice of a range of methods relevant to research and practice in Biochemistry. Further development in skills, critical evaluation and career planning. Tutorial and PDP support for level 5 students on the Biochemistry programme. The opportunity for Biochemistry Students to undertake the "Making Things Happen" stage of the World of Work Certificate process.	<i>Learning activities:</i> Lectures, workshops, practicals and tutorials	<i>Assessment:</i> Open Book exam (60%) Practical Skills (30%) Statement (10%)
5102BCBMOL	METABOLIC BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> Gain a thorough understanding of how metabolic pathways are integrated and regulated in prokaryote and eukaryote cells. Consider and understand how pathways governing detoxification operate in eukaryote cells. Evaluate the use of laboratory test for the determination of biochemically important molecules.	<i>Learning activities:</i> Lectures to contextualise and deliver the key concepts. Workshops to explore the lecture material, enhance critical thinking skills. Seminars to evaluate and reflect on learning. Practicals to develop subject specific skills and to make the connections with the theory.	<i>Assessment:</i> Practical reports (50%) Final exam (50%)
5103BCBMOL	MICROBIOLOGY AND BIOTECHNOLOGY (20 c) Semester 1	<i>Module aim:</i> To demonstrate the principles of microbial growth and metabolism and to provide an appreciation of the action of antimicrobials. To provide a general introduction to the ecology of micro-organisms in a variety of habitats. To provide an understanding of the use of microorganisms in natural product formation.	<i>Learning activities:</i> Lectures, practicals and workshops	<i>Assessment:</i> Enumeration of microorganisms (20%) Microbial characterisation (20%) Examination (60%)

6101BCBMOL	ADVANCED STRUCTURAL AND FUNCTIONAL BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> To develop an advanced understanding of structural and functional aspects of macromolecules, particularly proteins, in biology.	<i>Learning activities:</i> Lectures, practicals, workshops	<i>Assessment:</i> Data/literature analysis (40%) Exam (60%)
6102BCBMOL	BIOCHEMISTRY SYMPOSIA (20 c) Semester 1	<i>Module aim:</i> Retrieve and critically evaluate complex information Conduct investigations in an independent manner Demonstrate the wide range of skills and knowledge required to deal with real-life employment opportunities Integrate and apply theoretical and practical knowledge gained throughout the course to research	<i>Learning activities:</i> The main emphasis of this module will be on problem solving with student directed learning. Acquisition of knowledge will be underpinned by lecture and workshop delivery of material. Students will be expected to attend a series of seminars which will form the basis of an in-depth study of a specified scientific area. This material will be supported by directed reading.	<i>Assessment:</i> Symposia Presentation (50%) Symposia Poster (50%)

Biomedical Science

4101BMBMOL	BIOMEDICAL SKILLS (20 c) Semester 1	<i>Module aim:</i> This module aims to facilitate effective study of Biomedical Science by providing a foundation in basic methodology, data handling, IT, laboratory techniques and study and transferable skills, including teamwork. This module will provide an opportunity for the self-awareness statement to be completed and for reflection on this.	<i>Learning activities:</i> Lectures, practicals, workshops and tutorials	<i>Assessment:</i> Self awareness statement (10%) Tutorial presentation (40%) lab skills test (40%) Reflection on feedback (10%)
4102BMBMOL	CELL BIOLOGY (20 c) Semester 1	<i>Module aim:</i> To provide a fundamental introduction to cellular biology and the manner in which the functions of individual cells contribute to the overall function of a tissue in health and disease.	<i>Learning activities:</i> Lectures, Practical Exercises and an Assessment Workshop	<i>Assessment:</i> Group Poster Presentation (50%) MCQ Exam (50%)
4103BMBMOL	PRINCIPLES OF BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> The aim of this course is to provide an education in the fundamental biochemical processes which occur in the cell. This will be underpinned by a through introduction into the relevant molecular biology of DNA, proteins and lipids.	<i>Learning activities:</i> This course will consist of lectures and practicals. The practicals will develop laboratory skills and re-inforce taught material.	<i>Assessment:</i> Examination (50%) Practical report (50%)

5101BMBMOL	BIOMEDICAL RESEARCH METHODS (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to equip biomedical science students with essential research skills and knowledge of methods and techniques that are routinely applied in biomedical research.	<i>Learning activities:</i> Material will be delivered through lectures, workshops and tutorials. The lectures will be designed to introduce the routine laboratory-based methods and techniques currently used in biomedical research. Workshops will be delivered to enable the students to develop their analytical/data handling/statistical skills. Tutorials will be linked to assessment tasks and are designed to facilitate student development and learning.	<i>Assessment:</i> Group Presentation (40%) Research Proposal (60%)
5102BMBMOL	CLINICAL BIOCHEMISTRY (20 c) Semester 1	<i>Module aim:</i> An introduction into how biochemical markers can investigate the function and dysfunction of systems, organs and tissues and how this is applied to the diagnosis and treatment of disease.	<i>Learning activities:</i> Lectures, practical	<i>Assessment:</i> Exam (50%) Data analysis & interpretation (50%)
5103BMBMOL	IMMUNOLOGY AND INFECTION (20 c) Semester 1	<i>Module aim:</i> An introduction to the practical and theoretical concepts of medical microbiology and immunology. To provide an understanding of the principles and practices involved in the laboratory diagnosis, prevention and treatment of infectious diseases in humans.	<i>Learning activities:</i> Lectures, practicals, workshops and videos	<i>Assessment:</i> immunology online (50%) microbiology practical and mcq (50%)

6101BMBMOL	STUDY OF DISEASE 1 (20 c) Semester 1	<i>Module aim:</i> The module will explore mechanisms for the initiation of atherosclerosis along with identifying relevant risk factors. The content will also examine the effective use of statins and anti-platelet therapy. This will be underpinned by detailing laboratory diagnostic tests and current research into atherosclerosis. A critical evaluation of the laboratory tests and pathological mechanisms associated with endocrine function will also be undertaken.	<i>Learning activities:</i> Material will be delivered through a combination of lectures, tutorials, seminars and workshops. The module incorporates mini literature reviews for student, which will involve self-directed learning with tutor support.	<i>Assessment:</i> Essay 1 (50%) Essay 2 (50%)
6102BMBMOL	STUDY OF DISEASE 2 (20 c) Semester 1	<i>Module aim:</i> This module will provide students with comprehensive biochemistry, physiology and pathology of the liver and the digestive tract, provide details of the diagnostic tests available for investigation of liver and digestive disorders including its treatment, explore the genetic basis of liver and gastrointestinal disorders and introduce the concept of genetic counselling and therapy, and to introduce future directions of research into liver and digestive disorders.	<i>Learning activities:</i> Lectures will provide in-depth knowledge of the subject whilst the workshops will help in the development of the basic and advanced principles delivered in the lectures. Seminars will complement and further expand the topics covered in the lectures.	<i>Assessment:</i> Case Study Evaluation (100%)

<p>7103BTBMOL</p>	<p>BIOTECHNOLOGY :PRINCIPLES AND APPLICATIONS (20 c) Semester 1</p>	<p><i>Module aim:</i> The module will provide students with the principles of diverse techniques and their applications as they are currently utilised in the field of biotechnology. It will also provide a platform for gaining an advanced understanding of these techniques and novel disruptive technologies that may replace them through facilitated and independent assessment of the recent research literature. Assessment of the literature will also allow students to develop and demonstrate their ability to conduct independent research and present information on specific principles and applications of biotechnology using a range of presentation media. Through the assessments the module will further hone the writing and presentation skills of the students and their ability to assimilate and critique scientific literature at a postgraduate level.</p>	<p><i>Learning activities:</i> Material will be delivered through lectures and tutorials. The lectures are designed to introduce the students to the basic principles of specific techniques currently used in the field of biotechnology. Lectures will also cover the specific applications of these techniques in biotechnology. This module will link with other modules, which will provide more detail on the biological aspects of the technologies at the molecular level. The coursework will run over the semester and will involve the students presenting a biotechnological process for a learning aid or a visual protocol. This will be a group-based project and thus allow students to develop their transferable skills alongside their academic skills. At the end of the year the students will present their work visually using the IT skills they have developed. Tutorials will run throughout the module to provide students with support in developing their knowledge of the 'principles and applications' underlying biotechnology and for providing support with the coursework. Course Work I (report): Individual students will identify, read and critically appraise a recent research paper (or papers) outlining the methods employed in the research and the theory and rationale behind their use. The students will consider the alternative methods that could have been employed. The students will present this in a formal report. Tutorials will be provided to facilitate the students in their choice of paper(s), how</p>	<p><i>Assessment:</i> Report (50%) Presentation (50%)</p>
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			<p>they critique the methods and structure their reports.</p> <p>Course Work II (presentation): Students will identify, read and critically appraise a recent paper (or papers) outlining a new technology or news developments in an existent technology. Students will present their data as short 10 minute presentations. They will give lucid insight into the theory behind the new or improved technologies. Journals that will facilitate this include Nature Methods, Biotechniques, Methods etc. Tutorials will be provided to facilitate the students in their choice of paper(s), how they critique the methods and structure their presentations.</p>	
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Biosciences

4206NATSCI	GENETICS AND EVOLUTION (20 c) Semester 1	<i>Module aim:</i> To i) explain fundamental principles in genetics and genomics, ii) describe evolutionary processes from a genetics/genomics perspective in order to explain the origins of genetic and species diversity.	<i>Learning activities:</i> Lectures, workshops and laboratory practicals.	<i>Assessment:</i> Online test (60%) Exam (40%)
4207NATSCI	EVOLUTION AND INHERITANCE (20 c) Semester 1	<i>Module aim:</i> To examine key concepts and processes in evolution and to describe the role that inheritance and variation play. To describe the fundamental genetic mechanisms of inheritance and to explore the role of genetics in animal behaviour and conservation.	<i>Learning activities:</i> This module is delivered through a combination of lectures, practicals and computer workshops.	<i>Assessment:</i> Final Exam (40%) Test (60%)
4208NATSCI	ANIMAL BEHAVIOUR (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the diversity of animal behaviour	<i>Learning activities:</i> The module is delivered through a series of lectures covering basic concepts in behaviour. Practical experience of these behavioural concepts will be provided through a series of workshops, practicals and fieldwork. Workshops are also provided for coursework support and guidance.	<i>Assessment:</i> Coursework portfolio (60%) Behaviour Exam (40%)
4211NATSCI	PHYSIOLOGY (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to a number of physiological processes in living organisms.	<i>Learning activities:</i> The module is to be delivered using lectures, practical classes, workshops and a group seminar exercise.	<i>Assessment:</i> Online test (60%) Group presentation (40%)

5201NATSCI	RESEARCH SKILLS AND EMPLOYABILITY (20 c) Semester 1	<i>Module aim:</i> To increase understanding of the statistical analysis of data and the use of statistical software programmes such as SPSS. To have a clear understanding of graduate jobs opportunities and be able to prepare a career plan.	<i>Learning activities:</i> The module is delivered through lectures, workshops, tutorials, group meetings, role play and directed study. The statistical lectures and workshops extend knowledge of research design and statistical techniques suitable for the analysis of data from field and laboratory practicals and projects using the statistical package SPSS. Preparation of a career plan comprises also substantial element of single and group work and integrates online activities with workshop delivered by the career advisory team of LJMU. A strong emphasis is put on self-directed study (including a large component of group work) and the development of graduate skills for employability.	<i>Assessment:</i> Stats Workshop (50%) Employability Portfolio (50%)
5202NATSCI	ECOLOGY FIELD SKILLS (20 c) Semester 1	<i>Module aim:</i> To demonstrate theoretical and practical aspects of ecology fieldwork methods on plants and animals in different habitats, with particular emphasis on ecological surveys and censuses of specific organismal groups and using GIS to organise and analyse spatial data in ecology. Development of the application of Species Identification techniques in ecology surveys	<i>Learning activities:</i> Lectures, computer practicals (GIS), field investigation of a UK site, one week residential field course abroad, which includes execution and presentation of a two day research project.	<i>Assessment:</i> UK field/GIS report (50%) Overseas report & presentation (50%)

5203NATSCI	BEHAVIOURAL ECOLOGY (20 c) Semester 1	<i>Module aim:</i> To study the effects of evolutionary & ecological selection pressures on the behaviour of animals.	<i>Learning activities:</i> Module delivered using lectures, workshops and small group work. An observational project at Chester Zoo forms an important element of this module.	<i>Assessment:</i> Zoo Project Report (50%) Online tests (50%)
5204NATSCI	DIVERSITY AND EVOLUTION OF LIFE (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the diversity of life on Earth. To explain origin and evolution of major taxonomic groups including archaea, bacteria, fungi, algae, plants, and animals. To explain key evolutionary events such as transition from anaerobic to aerobic life, symbiosis and evolution of the eukaryotic cell, origin of multicellularity, colonization of land and air.	<i>Learning activities:</i> The module will be delivered through a combination of lectures, practicals and workshops.	<i>Assessment:</i> Examination (50%) Practical Write-Up (50%)
5206NATSCI	ANIMAL EVOLUTION AND DIVERSITY (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the evolution and diversity of the main invertebrate and vertebrate groups, their distribution and coevolution with plants and other animals.	<i>Learning activities:</i> The module will be delivered through a combination of lectures and practicals.	<i>Assessment:</i> Exam (50%) Practical Report (50%)
5210NATSCI	WILDLIFE FORENSICS (20 c) Semester 1	<i>Module aim:</i> To introduce forensic methodologies in biological and environmental sciences applicable to the study of wildlife crime.	<i>Learning activities:</i> Module delivered using lectures, practicals and workshops. A range of practical techniques are introduced.	<i>Assessment:</i> Examination (50%) Practical Report (50%)

5216NATSCI	BRAIN, HORMONES and BEHAVIOUR (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to gain an overview over the function of the nervous and endocrine system, how it is interconnected, how it is influenced by the environment and how it affects animal behaviour. A second aim is to receive practical training in up-to-date methods used in this field and to learn how the achieved skills can be applied to own behavioural studies and studies on conservation and animal welfare.	<i>Learning activities:</i> This module is delivered through the combination of lectures, practicals and workshops.	<i>Assessment:</i> Lab report (60%) Poster (40%)
6202NATSCI	HEALTH AND DISEASE (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of a range of health and disease states at the cellular, molecular and organismal level	<i>Learning activities:</i> This module will be delivered through a combination of lectures, practicals, workshops and tutorials.	<i>Assessment:</i> Case-Study (50%) Exam (50%)
6203NATSCI	APPLICATIONS OF GENETICS IN HEALTH AND DISEASE (20 c) Semester 1	<i>Module aim:</i> This module aims to investigate how genetics and genomics can be used to understand a range of physiological processes in health and disease.	<i>Learning activities:</i> This module will be delivered using a combination of lectures, practicals and workshops.	<i>Assessment:</i> Examination (50%) Practical Report (50%)
6204NATSCI	FRONTIERS OF ECOLOGY (20 c) Semester 1	<i>Module aim:</i> Aims (a) to provide an in-depth discussion of selected current research topic areas in ecology reflecting the interests of staff members. (b) to demonstrate how hypotheses are developed, tested and validated in modern ecology.	<i>Learning activities:</i> This module will be taught primarily by lectures, practicals and workshops.	<i>Assessment:</i> Locust Grazing Practical (50%) Exam (50%)

6207NATSCI	CURRENT TOPICS IN ZOOLOGY (20 c) Semester 1	<i>Module aim:</i> This course aims to build on the physiological concepts taught in the level 5 module Comparative Animal Physiology, and to introduce new concepts and skills appropriate to level 6. The module is designed to be research-led, and will focus on topics closely linked to the research interests and expertise of the teaching team.	<i>Learning activities:</i> The course will have 22 hours of lectures, delivered mainly in a research-seminar format, focusing on current areas of zoology research. The 14 hours of workshops and 2 hours of online activities will include practical laboratory activities, computer activities, and experimental design activities, and will usually be preparatory exercises for the 12 hours of practical work.	<i>Assessment:</i> group wiki/practical report (50%) essay (50%)
6208NATSCI	ANIMAL LEARNING AND COGNITION (20 c) Semester 1	<i>Module aim:</i> 1) to integrate behaviour, physiology and animal psychology in the study of animal learning and cognition 2) to interpret animal learning from an ecological and evolutionary perspective	<i>Learning activities:</i> The module comprises a series of lectures, workshops and practicals supported by web-based material and assignments.	<i>Assessment:</i> practical report (50%) group presentation (50%)
6210NATSCI	ZOO CONSERVATION AND GENE BANKS (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to provide students with an understanding of the role of ex situ Conservation in maintaining global biodiversity and the methods used in maintaining ex situ collections of animal and plants.	<i>Learning activities:</i> The module will be taught through lectures, workshops and fieldtrips	<i>Assessment:</i> Report (50%) Examination (50%)

6211NATSCI	NEUROBIOLOGY (20 c) Semester 1	<p><i>Module aim:</i> This course aims to develop in-depth understanding of how the nervous system is organised and functions at the molecular, cellular and divisional level, and of the biophysical methods used to study these. The role of genetic factors and drugs, toxins or other pharmacological agents on producing disease or modified neurobiological function will be explored. This course aims to enhance the student learning experience by discussing recent and relevant research undertaken by members of the teaching team.</p>	<p><i>Learning activities:</i> This module will be delivered using a combination of lectures, practicals and workshops.</p>	<p><i>Assessment:</i> Examination (50%) Practical report (50%)</p>
7108NATSCI	PRIMATE BEHAVIOUR AND CONSERVATION (30 c) Semester 1	<p><i>Module aim:</i> 1. To develop students' knowledge and understanding of Primate Behaviour and Conservation through study and discussion of latest research articles, development of statistical analytical techniques and engagement with academic practices such as grant application and paper submission. 2. To develop students' intellectual skills including ability to interpret and critically evaluate information from a range of sources as well as to present and defend arguments effectively. 3. To develop transferable skills including written and verbal communication, IT, problem-solving, teamwork and time management skills</p>	<p><i>Learning activities:</i> A combination of lectures, journal club discussion groups and workshops.</p>	<p><i>Assessment:</i> Presentation (50%) Literature Review (50%)</p>

7110NATSCI	<p>DRONE TECHNOLOGY AND OPERATIONS (40 c) Semester 1</p>	<p><i>Module aim:</i> To provide a comprehensive overview of drone technology, practical operation, mission planning, regulations and data processing</p>	<p><i>Learning activities:</i> The module will be taught by a combination of lectures; practical laboratory based sessions, centred around setting up and maintaining drones, fitting and testing payloads; workshop sessions involving mission planning for way-point flying; fieldwork involving testing actual drones and mission plans in the field centred initially around basic exercises then expanding to mimicking typical operations.</p>	<p><i>Assessment:</i> Practical Flight Assessment (30%) Mission Planning Project (30%) Drone Operation Project (40%)</p>
7112NATSCI	<p>CONTEMPORARY METHODS IN PRIMATOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide a comprehensive overview of a range of most recent advances in laboratory and field based methods to study primate behaviour, cognition and physiology at a conceptual and practical level. Special emphasis is placed upon being able to select methods, and design and execute studies to effectively test hypotheses about the biological bases and social components of primate behaviour.</p>	<p><i>Learning activities:</i> The module will be taught by a combination of lectures, practical laboratory sessions, and off-site visits.</p>	<p><i>Assessment:</i> Poster & short presentation (100%)</p>
7114NATSCI	<p>FORENSIC RESEARCH METHODS (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to provide extensive training in generic research skills and statistical techniques to prepare students for the MSc dissertation and to provide subject specific reporting skills for Forensic Experts.</p>	<p><i>Learning activities:</i> This module will consist of lectures and workshops</p>	<p><i>Assessment:</i> Forensic Report (50%) Research Grant Application (50%)</p>

7115NATSCI	ARCHAEOLOGICAL SCIENCE AND ANCIENT DNA (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide the student with a systematic understanding and critical awareness of current methods and questions applied in the fields of Archaeological Science and Ancient DNA. The students will gain skills to critically analyse and interpret different types of scientific data sets, such as radiocarbon dates (C14 dating), stable isotopes, and ancient DNA sequences.	<i>Learning activities:</i> The module team will provide a series of lectures and workshops (with practical components) informed by current professional practice and literature.	<i>Assessment:</i> Test (50%) aDNA Report (50%)
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Built environment

4200BEUG	CONSTRUCTION TECHNOLOGY 1 (20 c) Semester 1	<p><i>Module aim:</i> To introduce the student to construction techniques associated with domestic dwellings including building regulations and building services.</p> <p>To develop an understanding of the performance of buildings and the influence of materials and workmanship specification on performance.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material.</p> <p>Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> SENARIO BASED (50%) EXAMINATION - CLOSED BOOK (50%)</p>
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4201BEUG	<p>COLLABORATIVE INTERDISCIPLINARY PROJECT 1 (10 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to introduce students to their professional subject area whilst providing them with an early opportunity to engage in a collaborative environment with Level 4 students from Built environment Environment disciplines. It highlights the interdisciplinary nature of the construction and property markets and the roles each make at various stages of the project.</p>	<p><i>Learning activities:</i> Lectures, workshops, group work and presentations The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the first year of the programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally. Group presentations will be given to a panel comprising of academic staff and representatives from industry after which formative feedback will be provided.</p>	<p><i>Assessment:</i> PORTFOLIO (90%) SELF AWARENESS STATEMENT (10%)</p>
4203BEUG	<p>CONSTRUCTION AND PROPERTY ECONOMICS (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide students with an introduction to economic theories and principles with particular reference to the Built environment environment, property and society in general.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Seminars are used for students to discuss with the module team about particular subject areas within the module. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. These activities help shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> ONLINE IN-CLASS ASSESSMENT (50%) ESSAY (50%)</p>

4205BEUG	ACADEMIC AND DIGITAL LITERACY (10 c) Semester 1	<i>Module aim:</i> To enable the student to develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context.	<i>Learning activities:</i> Lectures and workshops that include : Active learning activities within a workshop context including various form of diagnostic tests for the students to undertake and obtain formative feedback.	<i>Assessment:</i> ACADEMIC ESSAY (100%)
4207BEUG	BUILDING SURVEYING IN PRACTICE (20 c) Semester 1	<i>Module aim:</i> To provide students with a practical introduction to building surveying and professional skills in a work based context. To provide students with an introduction to the development and production of building surveying proposals, and their integration with projects	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. They help shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> BUILDING SURVEYING PORTFOLIO (70%) BUILDING SURVEYING PRESENTATIO (30%)

4210BEUG	INTRODUCTION TO CONSTRUCTION TECHNOLOGY (20 c) Semester 1	<i>Module aim:</i> To introduce the student to construction techniques associated with construction techniques associated with the production of high and low rise commercial and industrial framed buildings, both new build and refurbishment.	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> REPORT (50%) EXAM (50%)
4213BEUG	ARCHITECTURAL GRAPHICS 1 (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and understanding of the role and responsibilities of the architectural technologist To develop knowledge and understanding of the range of drawings prepared by an architectural technologist To develop fundamental skills in the preparation of architectural drawings	<i>Learning activities:</i> Lectures Workshop sessions in the Design Studio Workshop sessions in an IT suite	<i>Assessment:</i> ARCHITECTURAL DRAWINGS (80%) INTERIM PRESENTATION (20%)
4222BEUG	BUILT ENVIRONMENT PRACTICE (20 c) Semester 1	<i>Module aim:</i> To develop an understanding and appreciation of the Built environment environment sector and the different professional disciplines that constitute Built environment environment practice.	<i>Learning activities:</i> Lectures and tutorials.	<i>Assessment:</i> 1500 word report (50%) Closed-book (50%)

4223BEUG	CONSTRUCTION TECHNOLOGY AND MATERIALS (20 c) Semester 1	<i>Module aim:</i> To provide an overview and develop understanding of techniques and materials associated with the construction of low-rise domestic dwellings.	<i>Learning activities:</i> Lectures, tutorials and practical sessions.	<i>Assessment:</i> Report (50%) Portfolio (50%)
4224BEUG	DESIGN AND ENVIRONMENTAL PROCEDURES (20 c) Semester 1	<i>Module aim:</i> To develop understanding of design and environmental considerations for low-rise building construction and refurbishment. To develop practical skills in producing simple building designs using appropriate software.	<i>Learning activities:</i> Lectures, tutorials and workshops	<i>Assessment:</i> Portfolio (100%)
4232BEUG	APPLIED MATHEMATICS FOR CONSTRUCTION (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and understanding of the mathematics underpinning engineering, and to apply these techniques within an engineering context.	<i>Learning activities:</i> A combination of lectures, tutorials and computer laboratories. The laboratories will enable students to use and apply mathematical software to the solution of engineering mathematics problems.	<i>Assessment:</i> IN-CLASS TEST (50%) MATHEMATICAL BASED REPORT (50%)
5200BEUG	CONSTRUCTION TECHNOLOGY 2 (20 c) Semester 1	<i>Module aim:</i> To explain and analyse the construction techniques of framed multi-storey buildings. To enable students to evaluate the relative merits of the various construction forms in any given situation To introduce the technology of building services installations for commercial and industrial buildings.	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> SCENARIO BASED ASSIGNMENT (50%) TIMED OPEN BOOK TEST (50%)

5202BEUG	PROPERTY LAW (20 c) Semester 1	<i>Module aim:</i> The module aims to provide students with knowledge and understanding of the fundamental legal principles and statutory rules relating to Landlord and Tenant law and Dilapidations	<i>Learning activities:</i> The lectures will set out and examine the key principles of a certain part of the law. Lectures will be supported with workshops designed to help students reinforce these principles and apply them to given problems.	<i>Assessment:</i> ESSAY (50%) EXAM (50%)
5206BEUG	PATHOLOGY AND INSPECTION (20 c) Semester 1	<i>Module aim:</i> To undertake advanced building inspections through the systematic appraisal of building defects causing decay and deterioration, in order to propose remediation solutions for commercial buildings and organisations.	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> PORTFOLIO (80%) REPORT (20%)

5207BEUG	<p>FACILITIES MANAGEMENT ESTATES (20 c) Semester 1</p>	<p><i>Module aim:</i> To understand how an estate's performance can be improved through innovative organisational management.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> PRESENTATION (30%) REPORT (70%)</p>
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5208BEUG	<p>WORKSPACE MANAGEMENT (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide an appreciation of the relationship between workspace design, layout and utilisation to an organisations workplace.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> PORTFOLIO (80%) REPORT (20%)</p>
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5210BEUG	CONSTRUCTION PROCUREMENT (20 c) Semester 1	<i>Module aim:</i> To establish an awareness of the project stakeholders, the various procurement options and their associated contracts. Develop the ability to interpret the particular needs of different client groups to develop relevant procurement strategies and to apply techniques to support the implementation of those strategies ensuring that the project criteria are satisfactorily achieved.	<i>Learning activities:</i> Structured Lectures, including industry guest lectures, and Tutorials which allow the students to reinforce, develop and apply their knowledge and understanding and obtain specific problem solving help and advice. The tutorials will also provide simulation of “live” situations requiring the student to analyse, critically appraise and solve problems.	<i>Assessment:</i> PROCUREMENT REPORT (50%) EXAMINATION (50%)
5214BEUG	PROPERTY DEVELOPMENT (20 c) Semester 1	<i>Module aim:</i> To develop understanding of the property development process including planning controls on development To develop professional and personal skills associated with entrepreneurialism.	<i>Learning activities:</i> Main learning activity for this module will be lectures. Lectures will be supported by off-site activity (site visit) and workshops to develop concept scheme.	<i>Assessment:</i> PROJECT REPORT (80%) POWERPOINT (20%)
5215BEUG	SUSTAINABLE ARCHITECTURAL TECHNOLOGY (20 c) Semester 1	<i>Module aim:</i> To provide knowledge, awareness and application of building regulations, environmental standards and codes of practice appropriate to the discipline of architectural technology To develop understanding of sustainable design, materials and emerging technology in contrasting environments To evaluate the process of specifying materials and components using various sources of information and evaluating their implications with regard to performance, quality and sustainability. To provide the student with appropriate skills to produce a specification to industry standard practice.	<i>Learning activities:</i> Lectures and tutorials IT workshops using NBS software	<i>Assessment:</i> Building Control & Analysis (40%) Design & Specification (60%)

5216BEUG	MECHANICAL ENGINEERING FOR BUILDINGS (20 c) Semester 1	<i>Module aim:</i> To develop the student's understanding of the principles of heat transfer, thermodynamics and general engineering and the application of these principles to sustainable and energy efficient design and operation of building engineering systems, plant and equipment. To enable students to utilise appropriate mathematical methods to solve mechanical engineering problems.	<i>Learning activities:</i> Lectures, tutorials, workshops, occasional labs, occasional site visits.	<i>Assessment:</i> TIME CONTROLLED OPEN BOOK TEST (50%) BUILDING THERMAL ANALYSIS (50%)
5217BEUG	ELECTRICAL ENGINEERING FOR BUILDINGS (20 c) Semester 1	<i>Module aim:</i> To further develop an appreciation of electrical principles and relate them to the practical processes applied in the design of electrical engineering services in buildings. To provide students with the skills and knowledge required to appreciate industry standard data and, by its application critically analyse the underpinning theoretical concepts which are incorporated in typical design techniques. To provide students with the background knowledge so that they may complete electrical building engineering design. To enable students to utilise appropriate mathematical methods to solve electrical engineering problems.	<i>Learning activities:</i> Lectures, tutorials, workshops, occasional site visits	<i>Assessment:</i> REPORT (50%) TIME CONTROLLED OPEN BOOK TEST (50%)
5220BEUG	SITE PRODUCTION MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To develop the students construction management knowledge and skills in the construction production process.	<i>Learning activities:</i> Mix of lectures, tutorials and workshops. The workshops will be practical in nature and can be based around the use of IT. Guest lectures and industry scenarios.	<i>Assessment:</i> Scenario Based (50%) Closed Book (50%)

5224BEUG	APPLIED VALUATION (20 c) Semester 1	<i>Module aim:</i> The module aims to consolidate and enhance students' knowledge and understanding of principal valuation methodologies and develop competence in the application of valuation concepts and theories to practical scenarios within the commercial and residential property markets.	<i>Learning activities:</i> Lectures, Workshops, Seminars	<i>Assessment:</i> OPEN BOOK EXAMINATION (50%)
5224BEUG	APPLIED VALUATION (20 c) Semester 1	<i>Module aim:</i> The module aims to consolidate and enhance students' knowledge and understanding of principal valuation methodologies and develop competence in the application of valuation concepts and theories to practical scenarios within the commercial and residential property markets.	<i>Learning activities:</i> Lectures, Workshops, Seminars	<i>Assessment:</i> OPEN BOOK EXAMINATION (50%)
5250BEUG	GEOTECHNICS AND FOUNDATION ENGINEERING (20 c) Semester 1	<i>Module aim:</i> To study the physical and mechanical properties of engineering soils and their application in design and construction of shallow and deep foundations. To study the effects of standing and flowing groundwater on the deformation and failure of engineering earth structures and other forms of construction particularly in retaining walls and shallow foundations.	<i>Learning activities:</i> Lectures, tutorials, practicals. Industrial case studies and data will be used.	<i>Assessment:</i> EXAMINATION - OPEN BOOK (50%) REPORT (50%)

5252BEUG	<p>CONSTRUCTION ENGINEERING TECHNOLOGY 2 (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop the students understanding of construction techniques associated with the production of high and low rise framed buildings, both new build and refurbishment. To enable students to evaluate the relative merits of the various construction methods in any given situation. To improve the students understanding of construction methods used for infrastructure projects such as roads, bridges, airports including earthworks, subsurface drainage systems, ground stabilisation and earth retaining walls.</p>	<p><i>Learning activities:</i> Lectures and workshops. Industry case studies will be used.</p>	<p><i>Assessment:</i> Technical Report (50%) Time Controlled Assessment (50%)</p>
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6202BEUG	<p>REAL ESTATE AND ASSET STRATEGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To understand how a property portfolio can be improved through strategic planning and management</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> PORTFOLIO (100%)</p>
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6204BEUG	<p>PRODUCTIVE WORKPLACES (20 c) Semester 1</p>	<p><i>Module aim:</i> To demonstrate an appreciation for the interaction between people, organisations and buildings in order to optimise their health, sustainability and productivity.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> PORTFOLIO (50%) REPORT (50%)</p>
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6205BEUG	<p>PROFESSIONAL PRACTICE (20 c) Semester 1</p>	<p><i>Module aim:</i> To have a comprehensive understanding of professional practice through appreciating individual and organisational needs in the context of the internal and external environment</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> EXAM (50%) REPORT (50%)</p>
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6206BEUG	SERVICE MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To demonstrate an in-depth appreciation of the impact of facilities management services, including the delivery of services, producing productive relationships with stakeholders and providing quality customer experiences and service standards	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> ESSAY (50%) REPORT (50%)
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6207BEUG	STRATEGIC PLANNING IN FACILITIES MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> Critically apply understanding of how knowledge and information management can be used effectively within facilities management services	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> TEST (50%) REPORT (50%)
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6208BEUG	CONTRACT AND PROCUREMENT STRATEGIES (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to examine the development of strategies for the procurement of construction work within the legal and contractual frameworks operating in the construction industry.	<i>Learning activities:</i> Lectures, seminars, workshops, tutorials, case studies and videos.	<i>Assessment:</i> REPORT (50%) EXAMINATION (50%)
6210BEUG	PROJECT ECONOMICS AND MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to introduce project economics and management techniques used in client based pre-contract design management systems and contractor based post contract cost management systems in construction.	<i>Learning activities:</i> • Lectures and tutorial workshops, supported where possible with site visits, guest lectures, videos and webinar. • Students should supplement their lecture notes with background reading; journals, digests, trade literature and also use the material that is available through electronic databases and manufacturers. • Formative assessment with ongoing feedback throughout the module.	<i>Assessment:</i> REPORT (50%) EXAMINATION (50%)
6211BEUG	BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (20 c) Semester 1	<i>Module aim:</i> To enable the student to develop an advanced, factual and conceptual knowledge base in contemporary Business Management and Entrepreneurship theory.	<i>Learning activities:</i> Lectures and Guided Workshop Activities	<i>Assessment:</i> Entrepreneurship (20%) "Dragons Den" Scenario (80%)
6212BEUG	ADVANCED ARCHITECTURAL DESIGN (30 c) Semester 1	<i>Module aim:</i> To enable the student to work on a complex project that enables the integration and development of a range of professional skills in the context of sustainable and inclusive building design. To be able to produce advanced level graphical and written information to communicate design ideas effectively.	<i>Learning activities:</i> Lectures / tutorials Workshop sessions in an IT room & design studio A site visit(s) will be arranged subject to approval	<i>Assessment:</i> Interim presentation (10%) Strategic report (40%) Architectural drawings (50%)

6215BEUG	ADVANCED VALUATION (20 c) Semester 1	<i>Module aim:</i> The module aims to further develop students' knowledge and understanding of valuation methodologies and their application in advanced valuation scenarios.	<i>Learning activities:</i> Lectures, Tutorials	<i>Assessment:</i> 2500 WORD REPORT (50%) EXAMINATION (CLOSED BOOK) (50%)
6216BEUG	REAL ESTATE IN PRACTICE (20 c) Semester 1	<i>Module aim:</i> The module aims to provide a contextualised awareness and understanding of the professional and ethical standards required in practice and evaluate the roles and responsibilities of professionals within the property industry.	<i>Learning activities:</i> The lectures will set out and examine key elements of professional practice. Lectures will be supported with workshops designed to help students reinforce these principles and apply them to given scenarios.	<i>Assessment:</i> 4500 WORD REPORT (100%)
6218BEUG	STRATEGIC REAL ESTATE MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To develop students' knowledge and understanding of strategic real estate management theory and its practical application.	<i>Learning activities:</i> Lectures, Workshops	<i>Assessment:</i> 4500 WORD REPORT (100%)
6220BEUG	CONSTRUCTION SITE MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> This module develops the knowledge and skills further within the area of construction site management. In particular considering, Health, Safety and Welfare, site processes including planning, quality, risk and environmental considerations. The practical skills of using industry standard programming tools will be developed further including BIM.	<i>Learning activities:</i> Mix of lectures, tutorials and workshops. Workshops will include practical exercise and use of IT. Guest lectures and industry scenarios.	<i>Assessment:</i> Industry scenario based (50%) Closed Book Exam (50%)

6221BEUG	ENVIRONMENTAL ANALYSIS (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the theory, principles and practices of building energy systems modelling and simulation techniques and to use analytical approaches to the appraisal of environments and design proposals.	<i>Learning activities:</i> Lectures, tutorials, computer workshop.	<i>Assessment:</i> BUILDING SIMULATION REPORT (50%) TIME CONTROLLED ASSIGNMENT (50%)
6227BEUG	BUSINESS MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To enable the student to develop an advanced, factual and conceptual knowledge base in contemporary Business Management and Entrepreneurship theory.	<i>Learning activities:</i> Lectures and Guided Workshop Activities	<i>Assessment:</i> Industry Focused Activities (50%) Closed Book (50%)
6251BEUG	INFRASTRUCTURE ENGINEERING AND MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> This module will introduce you to the principles of design and construction of various types of transport infrastructure and highways and allow you to develop the ability to specify problems and analyse alternative engineering solutions for transport infrastructures.	<i>Learning activities:</i> Lectures and workshops. Interaction will be encouraged and guest lectures/industry scenarios will be used within the delivery and assessment.	<i>Assessment:</i> Technical Report (50%) Software Based (50%)
6252BEUG	ADVANCED STRUCTURES AND MATERIALS (20 c) Semester 1	<i>Module aim:</i> To develop and consolidate the structural application, design, evaluation and analysis introduced at Level 5 with more advanced application to steel, masonry, pavement for roads and highways and concrete building elements/structures, using the current codes of practice including the EC code of practices. To develop knowledge on new advancements in materials used within construction.	<i>Learning activities:</i> Lectures, workshops and practicals. Industry case studies will be used.	<i>Assessment:</i> OPEN BOOK EXAM (50%) REPORT (50%)

7200BEUG	ENERGY AND ENVIRONMENT (20 c) Semester 1	<i>Module aim:</i> To evaluate how the concept of sustainable development is incorporated into practical design strategies for buildings. To appreciate the role of sustainable energy management in the Built environment environment, and to critically evaluate various methods of managing energy use for sustainable development.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> REPORT (50%) EXAMINATION (50%)
7201BEUG	COMMISSIONING, MAINTENANCE AND FACILITIES MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To provide an in depth awareness of the key issues of commissioning of building engineering systems, maintenance of such systems and the integration of maintenance with the facilities management regime in buildings.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> REPORT (50%) EXAMINATION (50%)
7202BEUG	SENSORS, CONTROL AND APPLICATIONS (20 c) Semester 1	<i>Module aim:</i> To provide the theoretical and practical skills required to design, develop and implement sensor systems in practical applications.	<i>Learning activities:</i> Lectures, tutorials and demonstrations.	<i>Assessment:</i> UNSEEN EXAMINATION (50%) PRACTICAL EXPERIMENT (50%)
7203BEUG	LEADERSHIP FOR A SUSTAINABLE ENVIRONMENT (20 c) Semester 1	<i>Module aim:</i> To introduce the concepts of sustainability to enable an understanding of the importance of construction in the global environmental context. To develop an understanding of the type of sustainability strategies that can be adopted by construction organisations, the barriers to their implementation. To develop a critical approach to management style within organisations and identify approaches to develop leadership skills.	<i>Learning activities:</i> Lectures, workshops and independent learning.	<i>Assessment:</i> REPORT (100%)

7400BEPG	RESEARCH METHODS (10 c) Semester 1	<i>Module aim:</i> To provide a critical understanding of the academic research process understanding the differing techniques, strategies and methods used to undertake research in the Built environment environment.	<i>Learning activities:</i> The module will be delivered via lectures.	<i>Assessment:</i> REPORT (100%)
7403BEPG	PROJECT MANAGEMENT FUNDAMENTALS (20 c) Semester 1	<i>Module aim:</i> 1. To explore and promote contemporary project management principles and concepts. 2. To examine processes, tools and methodologies of project management	<i>Learning activities:</i> The module is delivered in taught mode by lectures including discussions using case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)
7404BEPG	PROJECT PLANNING, EXECUTING, CONTROLLING AND CLOSURE (20 c) Semester 1	<i>Module aim:</i> To develop the requisite project management skills and knowledge necessary to manage the key processes of planning, executing, controlling and closing a project at appropriate stages in the project life cycle.	<i>Learning activities:</i> The module is delivered in taught mode by lectures that include discussion around case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)
7406BEPG	STRATEGIC PROJECT ENVIRONMENT (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the project environment and how it impacts an all phases of a project.	<i>Learning activities:</i> The module is delivered in taught mode by lectures and discussion using case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)

7420BEPG	BUILDING MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> This module aims to enable students to understand, appraise and analyse the complexities of managing buildings from an asset management perspective, taking into account the impact of their pathological condition, maintenance and management of their operational functions.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> PORTFOLIO (100%)
7424BEPG	BUILDING TECHNOLOGY (20 c) Semester 1	<i>Module aim:</i> This module aims to enable students to understand and evaluate the principles and techniques used in the construction of buildings. Students will also gain a critical understanding and appreciation of the properties and performance of building materials required.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> REPORT (50%) EXAM (50%)
7427BEPG	BUILDING TECHNOLOGY AND MANAGEMENT (10 c) Semester 1	<i>Module aim:</i> This module aims to enable students to understand and evaluate the principles and techniques utilised in the construction of buildings and to appraise and analyse the complexities of managing buildings from an asset management perspective	<i>Learning activities:</i> Lectures	<i>Assessment:</i> Assignment (100%)
7428BEPG	VALUATION (20 c) Semester 1	<i>Module aim:</i> To establish a comprehensive understanding and appraisal of the principal valuation theories and methodologies and evaluate their application in professional practice. To understand the economic drivers and dynamics underpinning property markets and critically examine their impact on valuation practice. To build competency in the practical application of valuation theory and techniques within a range of property market scenarios and conditions.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Exam (50%) Assignment (50%)

7430BEPG	PLANNING AND DEVELOPMENT (20 c) Semester 1	<i>Module aim:</i> To develop students' knowledge and critical understanding of planning law, policy and procedures with particular reference to the English planning system. To develop students' knowledge and critical understanding of the property development process in the Built environment environment.	<i>Learning activities:</i> Lectures and seminars; independent research and project work	<i>Assessment:</i> Exam (60%) Assignment (40%)
7431BEPG	SUSTAINABLE PROCUREMENT (20 c) Semester 1	<i>Module aim:</i> To examine existing procurement options and their effectiveness in meeting the client's requirements. To examine sustainable construction and the development of procurement strategies which address sustainable construction principles.	<i>Learning activities:</i> Lectures, workshops, case studies, videos.	<i>Assessment:</i> WRITTEN ASSIGNMENT (50%) EXAM (50%)
7432BEPG	CONSTRUCTION CONTRACT STRATEGY (20 c) Semester 1	<i>Module aim:</i> To develop a strategic knowledge and critical appreciation of construction contract law to enable the student to consider in detail the application of it to construction and engineering projects.	<i>Learning activities:</i> Lectures and workshops.	<i>Assessment:</i> REPORT (50%) EXAM (50%)
7434BEPG	FINANCIAL MANAGEMENT AND BIM (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to introduce financial management techniques used in construction in order to manage the lifecycle cost of Built environment environment facilities. The module will also deliver the fundamental concepts that link financial management and BIM, such as the cash flow forecasts, cost plans, cost value reconciliation and whole life cycle management of construction facilities.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> REPORT (50%) EXAM (50%)

7435BEPG	PRODUCTION MANAGEMENT AND BIM (20 c) Semester 1	<i>Module aim:</i> This module will provide an in-depth understanding into the production management of modern, complex and fast paced construction projects. This module will also provide an appropriate awareness and expertise about key aspects of Building Information Modelling (BIM) within the Construction Management role.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Industry based scenario report (50%) Closed book exam (50%)
7437BEPG	FACILITIES MANAGEMENT AND BIM (20 c) Semester 1	<i>Module aim:</i> This module aims to enable students to understand, appraise and analyse the diverse nature of optimising facilities management information, through the utilisation of collaborative technological systems and processes.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> PORTFOLIO (100%)
7439BEPG	SUSTAINABLE DESIGN (20 c) Semester 1	<i>Module aim:</i> To evaluate the implications of design decisions on the environmental performance of buildings.	<i>Learning activities:</i> The module will be delivered via a series of key-note lectures which are archived in the Wimba classroom, live seminars and a portfolio of project-based tasks. The learner will have an induction session where the approach will be introduced; typically four archived “lectures” will be followed by a live seminar. A workshop will be held at the University to act as a summative discussion on the learner’s assessment of their organisation.	<i>Assessment:</i> PORTFOLIO (100%)
7440BEPG	INTEGRATED BIM THEORY (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to critically evaluate strategic issues in the management of integrated BIM centred projects.	<i>Learning activities:</i> Key skills are developed through lectures, workshops and individual presentations	<i>Assessment:</i> INDIVIDUAL PRESENTATION (50%) REPORT (50%)

7442BEPG	BUILDING DESIGN SUITE (20 c) Semester 1	<p><i>Module aim:</i> 1. To enable the student to analyse buildings from an architectural engineering perspective.</p> <p>2. To develop awareness of the extent of building design software and its application to architectural engineering.</p>	<p><i>Learning activities:</i> Illustrated lectures, studio workshops and tutorials will be designed to develop students' knowledge of building technology and apply this using design technology.</p>	<p><i>Assessment:</i> Portfolio of drawings & report (70%) Presentation of design (30%)</p>
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Business

4050BUSBM	Contemporary issues in business and society (20 c) Semester 1	<i>Module aim:</i> • To explain the roles and impacts of business organisations within developed and developing countries • To describe the roles of, and relationships between, corporations, nation-states and international institutions in shaping the global economy • To explain how the expectations of civil society influence the practices of business organisations	<i>Learning activities:</i> Lectures, workshops and Seminars	<i>Assessment:</i> Report into a case study (50%) Exam (50%)
4100LBSBW	Business and Economic Decisions (20 c) Semester 1	<i>Module aim:</i> The module aims to provide an introduction to business economics as a foundation for further study. The emphasis will be economic theory and concepts developed from real world business issues. Essentially this module introduces students to economics and applications related to business.	<i>Learning activities:</i> There are THREE components to learning activity : 1. Lectures - introduction of new material 2. Workshop - Recapping and developing material 3. Seminars - applying and testing of material	<i>Assessment:</i> ESSAY (50%) EXAM (50%)
4101LBSBW	Contemporary Business Issues (20 c) Semester 1	<i>Module aim:</i> This module provides the essential frameworks to understand current issues in business and their impact on companies and society.	<i>Learning activities:</i> Lectures, seminars, workshop, case studies, guest speakers.	<i>Assessment:</i> POSTER (40%) ESSAY (60%)

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4102LBSBW	Academic and Business Skills (20 c) Semester 1	<i>Module aim:</i> To enable students to develop the concepts and skills necessary to be effective learners and gain sufficient work base skills to enhance their future employability.	<i>Learning activities:</i> Lectures, workshops and on-line multimedia teaching materials including specifically targeted help videos and media content.	<i>Assessment:</i> PRESENTATION (25%) REPORT (65%) SELF AWARENESS STATEMENT (10%)
5054BUSBM	Quality and Operations Management (20 c) Semester 1	<i>Module aim:</i> The module aims to provide students with a good grounding in the principles of Operations and Quality Management processes; To assess the impact of quality on all types of business activity; and to develop skills and strategies that will allow the solving of real-world operations related problems.	<i>Learning activities:</i> Lectures, workshops and seminars.	<i>Assessment:</i> Report (50%) In Class Test (50%)
5100LBSBW	Employability Skills (20 c) Semester 1	<i>Module aim:</i> To provide students with the skills and knowledge to succeed in the graduate employment market.	<i>Learning activities:</i> Workshops to Develop Employability Skills Employer Presentations Participation in Mock Interviews	<i>Assessment:</i> REPORT (100%)

5101LBSBW	Personal Development (20 c) Semester 1	<p><i>Module aim:</i> This module aims to support students transferring into the University environment. It will do so by providing a context for the student's learning and development by developing knowledge and skills relevant to academic and professional success. In particular the module will seek to develop the students awareness of their inherent abilities and potential through guided self-reflection and practice.</p>	<p><i>Learning activities:</i> Teaching will involve workshop activities enabling skills and attributes to be presented, explored and applied. Additionally, the module will support the student in developing their skills in independent learning and reading. The module necessitates a broad syllabus where much use will be made of directed study supported by the facilities of the careers service and the library. This approach will facilitate the development of students as independent learners. The process leading to the completion of the portfolio will include reading, reflection and research. External tools, such as Belbin and psychological profiling software will be employed to assist students reflect upon current skills, attributes and behaviours. This will be incorporated into the workshop programme which will support the student throughout the process. It is intended that part of the portfolio will be closely allied to the preferred field of employment. Through the portfolio and workshop activities it is envisaged that's student's will appreciate the important of active engagement in competences and career development in securing appropriate careers or future study opportunities.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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5102LBSBW	Organisational Behaviour (20 c) Semester 1	<i>Module aim:</i> This module will introduce students to the key concepts of organisational behaviour, managing people, involving an examination of organisational, human resource management and industrial relations theory. This will be achieved through relating relevant theory to practical people and organisational management issues.	<i>Learning activities:</i> Learning activities will take place during lecture, seminars and workshops conducted each week. Students will be provided the opportunity to work in groups and also as individual for different activities such as case study analysis, group presentations and research articles analysis during seminars and workshops.	<i>Assessment:</i> PRESENTATION (30%) REPORT (70%)
5109LBSBW	International Institutions Trade and Markets (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with the knowledge and skills to understand the international aspects of contemporary business.	<i>Learning activities:</i> Lectures will provide the theoretical foundations to discuss international business. Seminars will be used to look at case studies and analyse academic journal articles. Guest speakers will be invited to share their real-life experience of managing in an international environment.	<i>Assessment:</i> EXAM (75%) PRESENTATION (25%)
5300BUSBS	EMPLOYABILITY SKILLS (10 c) Semester 1	<i>Module aim:</i> To provide students with the skills and knowledge to succeed in the graduate employment market.	<i>Learning activities:</i> Workshops to Develop Employability Skills Employer Presentations Participation in Mock Interviews	<i>Assessment:</i> REPORT (100%)

<p>5301BUSBS</p>	<p>MANAGING BUSINESS PROJECTS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop the essential skills and knowledge needed in order to apply the prince 2 method to the management of organisations projects.</p>	<p><i>Learning activities:</i> Lectures-formal lecture sessions will be used to introduce key issues from the module Videos- videos will be shown to supplement the formal lectures. Some of the tutorial sessions will be used to explore issues from the videos in some depth Group activities-group work is used to encourage you to work with, and learn from others. it also gives you practice of working in teams, which is an integral part of managing a project. A key component of the group activities is the use of a project management simulations. Individual activities- some activities will be carried out on an individual basis. This will give you the chance to apply some of the key ideas from the module Tutorials-lively discussion will enable you to enjoy the subject, learn from others and sharpen your own views on the subject. Thorough preparation for tutorials is essential in terms of enabling you to fully participate and as preparation for the assessments. Online tutorials will also be utilised</p>	<p><i>Assessment:</i> EXAM (60%) PRESENTAION (40%)</p>
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6100LBSBW	Corporate Social Responsibility (20 c) Semester 1	<i>Module aim:</i> The aims of this module are for students to develop an understanding of the philosophical underpinnings of ethical decision making in a global business environment, to appreciate the impact of global business on host nations and to introduce present and potential future issues facing business, in order that students may incorporate ethical, environmental and responsible dimensions into management thinking (particularly strategic decision making) for a more responsible, sustainable and resilient future.	<i>Learning activities:</i> The module will consist of structured lectures and seminars which will be designed to reinforce and test students' understanding of that week's topic. The tutorial activities will involve analysing case studies, journal articles and media reports, combining real world experiences with the practical application of theories.	<i>Assessment:</i> EXAM (100%)
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<p>6101LBSBW</p>	<p>Personal Development and Employment (20 c) Semester 1</p>	<p><i>Module aim:</i> This module aims to support students joining the programme from another institution/country. It is recognised that students will not necessarily experienced UK education or education in a UK Higher Education institution and will require guidance and instruction to enable them to adjust their understanding of academic practice to meet the expectations of the Liverpool Business School. It will do so by providing an opportunity for students to explore academic practice and critically reflect on their practice and application through self-awareness and reflection. In developing the students' awareness of their inherent abilities and potential the module will also explore career planning.</p>	<p><i>Learning activities:</i> Teaching will be through interactive workshops that will facilitate discussion and cohort engagement.</p> <p>In the early part of the module, the student will be introduced to external forms of assessment that will provide externally assessed indicators of the attributes and attitudes of the student. The purpose of this is to provide a basis for the exploration of the student's response to the demands that will be made upon them by a UK Higher Education institution. The module, therefore, will seek to provide an opportunity for the student to reflect on both their previous experience and their response to that and the expectations they now face.</p> <p>The module will support the student's success by developing their skills in independent learning, criticality and academic practice. The purpose of this is to create knowledge that will assist students studies in other course modules.</p> <p>The module necessitates a broad syllabus where much use will be made of directed study supported by the facilities of the careers service and the library. This approach will facilitate the development of students as independent learners.</p> <p>The process leading to the completion of the portfolio will include reading, reflection and research. External tools, such as Belbin and psychological profiling software will be employed to assist</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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			<p>students to reflect upon current skills, attributes and behaviours. This will be incorporated into the workshop programme which will support the student throughout the process.</p> <p>It is intended that part of the portfolio will be closely allied to the preferred field of employment. Through the portfolio and workshop, students will use the self-knowledge gained in the first part of the module to evaluate the needs of their chosen career path. Workshop sessions will seek to explore how the personal attributes, skills and knowledge are important in relation to both acquiring employment and developing a rewarding career.</p> <p>The module will develop the detailed knowledge and competencies relevant to study at level 6 together with entry to and participation in the graduate labour market.</p>	
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6102LBSBW	Strategic Management (20 c) Semester 1	<i>Module aim:</i> 1.To acquire knowledge about issues and dimensions of strategic management. 2.To recognise the importance of external and internal organisational factors in determining the competitive success of organisations.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> REPORT (100%)
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6105LBSBW	Financial Risk Management (20 c) Semester 1	<p><i>Module aim:</i> This module is designed to enable students to identify, measure and manage financial risks.</p>	<p><i>Learning activities:</i> In order to simulate the World of Work students will be actively involved in the analysis and evaluation of a Case Study throughout the semester. The Case Study, builds upon Semester 1 International Corporate Finance (Finance Route), with students now engaged in the management of the financial risks involved.</p> <p>Students will once again be asked to respond to real-time data such as changes in exchange rates, interest rates, oil prices etc and new information such as prices changes, new quotations etc present by the lecturer throughout the semester</p>	<p><i>Assessment:</i> REPORT (100%)</p>
7130ECBM	STRATEGIC BUSINESS PLANNING AND FINANCE (30 c) Semester 1	<p><i>Module aim:</i> To provide the students with a critical understanding of how to review current organisational management strategies and the skills to develop a strategic plan in an organisational context.</p> <p>To provide the student with the skills to critically apply financial principles relevant to strategic management in an organisational context including forecasting, capital appraisal, budgeting, financial appraisal and analysis.</p> <p>To provide the student with the critical understanding and skills to support active engagement in the process of strategic marketing in an organisational context.</p>	<p><i>Learning activities:</i> Lectures, group work, workshops and seminars focusing on case study analysis / videos/ private study.</p>	<p><i>Assessment:</i> 20 min group presentation (40%) 2,500 word strategic plan (60%)</p>

Business & PR

4001BPR	Business Environment (20 c) Semester 1	<i>Module aim:</i> To provide a comprehensive foundation for the application or theory and practice in the business environment.	<i>Learning activities:</i> Workshops, incorporating individual and group learning activities.	<i>Assessment:</i> Presentation (40%) Report (60%)
4002BPR	Public Relations: Practice and Principles (20 c) Semester 1	<i>Module aim:</i> To gain a practitioner based insight into the practice and positioning of the public relations function.	<i>Learning activities:</i> Workshops, guest speakers, practitioner led sessions	<i>Assessment:</i> Portfolio (100%)
4003BPR	Communication Theory (20 c) Semester 1	<i>Module aim:</i> To introduce the concept of communication and to enable students to recognise the communication process through the application of theoretical communication models.	<i>Learning activities:</i> Workshops, guest speakers.	<i>Assessment:</i> Portfolio (100%)
5002BPR	Media Management (20 c) Semester 1	<i>Module aim:</i> To demonstrate the various media campaign tactics available to the modern PR manager.	<i>Learning activities:</i> Centred around a logical series of skill-based media workshops, interspersed with mini lectures.	<i>Assessment:</i> Client-led media presentation (40%) Press Pack (60%)
5003BPR	Corporate Communications (20 c) Semester 1	<i>Module aim:</i> To enable students to critically evaluate the role of strategic internal communication in enabling organisations to be more effective from both a theoretical and practitioner perspective	<i>Learning activities:</i> Workshops, guest speakers, online activities	<i>Assessment:</i> essay (100%)

6002BPR	Change Management (20 c) Semester 1	<i>Module aim:</i> This module seeks to give students an understanding of the theory and practice of organisational change so that they can undertake and manage it effectively	<i>Learning activities:</i> Workshops	<i>Assessment:</i> 4000 word report (100%)
7000LBSDB	Digital Business (20 c) Semester 1	<i>Module aim:</i> To develop students ability to analyse, design and deploy web based solutions in line with organisational strategic aims	<i>Learning activities:</i> Lectures, business scenario activities, practical work	<i>Assessment:</i> Digital commerce assignment (100%)
7001BUSPR	PR Perspectives (10 c) Semester 1	<i>Module aim:</i> To provide students with a introduction to the PR world from a theoretical and practitioner perspective.	<i>Learning activities:</i> Workshops, Online and guest speakers	<i>Assessment:</i> 2500 words (100%)
7002BUSPR	Public relations planning and strategy (20 c) Semester 1	<i>Module aim:</i> To develop a systematic understanding of the strategic planning process as applicable to public relations campaigns	<i>Learning activities:</i> Workshops, guest speakers, online	<i>Assessment:</i> Report (100%)

Chemistry

4001APCHEM	ATOMIC STRUCTURE AND REACTIVITY (20 c) Semester 1	<i>Module aim:</i> The module gives an introduction into key chemical concepts of atomic structure and chemical bonding which provide a strong foundation for the rest of the programme. Students will apply this knowledge to develop understanding of chemical processes such as electrolysis and chemical properties. Students will develop their numeracy skills during workshops and apply these to chemical concepts.	<i>Learning activities:</i> Lectures, workshops, tutorials	<i>Assessment:</i> Examination (60%) Report (40%)
4002APCHEM	FROM ATOMS TO MOLECULES (20 c) Semester 1	<i>Module aim:</i> This is an introductory module for Organic and Analytical Chemistry, covering basic sources, reactions and analytical approaches to identification and properties of molecules.	<i>Learning activities:</i> Lectures, workshops and tutorials	<i>Assessment:</i> Examination (60%) Report (40%)
4003APCHEM	PRACTICAL LABORATORIES 1 (20 c) Semester 1	<i>Module aim:</i> This course will provide an introduction to the techniques and practice of a modern chemical laboratory, including each of the areas of Inorganic, Organic, Physical, Analytical and Computational Chemistry. The course will also establish the requirements for written and computational work throughout the programme, and thus for future work in the chemical and allied industries.	<i>Learning activities:</i> Laboratory classes in Inorganic, Organic, Physical and Analytical Chemistry, including an introduction to the application of information technology and computing to Chemistry.	<i>Assessment:</i> Practical Exam (40%) Practical Report (20%) Lab book portfolio (40%)

5001APCHEM	RADIATION AND MATTER (20 c) Semester 1	<i>Module aim:</i> This module provides candidates with a comprehensive description of fundamental aspects of the properties and chemistry of transition metal complexes, together with a rationalization of how non-ionising radiation interacts with simple matter to produce a variety of spectra within different branches of the electromagnetic spectrum. It also outlines how quantum mechanics differ from classical theories and thus its importance at the atomic level. The kinetics of enzyme reactions is offered in detail, and how QSAR analysis can predict changes to rates of reaction.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (60%) Report (25%) On-line test (15%)
5002APCHEM	UNDERSTANDING MOLECULES (20 c) Semester 1	<i>Module aim:</i> The module gives an introduction into key concepts of synthesis, properties and reactivity of organic molecules. This will be supplemented and contextualised by the introduction into the theory and application of analytical chemistry and spectral data interpretation applied to structure elucidation. Skills development in the area of data interpretation and reaction chemistry will be strengthened in workshops.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Exam (60%) Interpretative test (40%)
5003APCHEM	PRACTICAL LABORATORIES 3 (20 c) Semester 1	<i>Module aim:</i> Building on Level 4 practical modules, the course will focus on more complex molecular/compound synthesis, thus entailing the use of chromatographic and spectroscopic analytical techniques.	<i>Learning activities:</i> Laboratory classes in Organic and Inorganic synthesis, physical and analytical assay	<i>Assessment:</i> Practical Exam (50%) Practical Report (20%) Lab book portfolio (30%)

6001APCHEM	MODERN MATERIALS (20 c) Semester 1	<i>Module aim:</i> The course aims at covering the modern aspects of materials chemistry. Emphasis will be placed on stimuli-responsive materials, on nanoscale technology, and on the approaches used in the manufacture of modern materials. Applications of modern materials in different fields will also be discussed.	<i>Learning activities:</i> Lectures, workshops, seminars.	<i>Assessment:</i> Examination (70%) Report (30%)
6002APCHEM	INDUSTRIAL ANALYSIS (20 c) Semester 1	<i>Module aim:</i> To understand how a range of sample types can be analysed using advanced instrumental techniques. Knowledge will be gained on the whole concept of analysis from sample preparation techniques through to data interpretation, quality control and quality assurance issues.	<i>Learning activities:</i> Lectures / Workshops	<i>Assessment:</i> Report (30%) Examination (70%)
6003APCHEM	PRACTICAL LABORATORIES 5 (20 c) Semester 1	<i>Module aim:</i> This course builds on skills attained in Levels 4 and 5 and deals with the synthesis and analysis of monomeric and polymeric organic and inorganic materials, including relevant examples from the modern chemical and allied industries. Advanced chromatographic techniques, including tandem approaches, spectroscopy and spectrometry will be employed for analysis of the materials produced in the laboratory. Assessment will be via a lab report and an oral presentation.	<i>Learning activities:</i> Laboratory classes in Organic, Inorganic and polymer synthesis and analysis	<i>Assessment:</i> Lab report (20%) Exam (60%) Lab book (20%)

6005APCHEM	MOLECULAR DESIGN (20 c) Semester 1	<i>Module aim:</i> This module will introduce the idea that in order to be useful and valuable, molecules need to have appropriate physical, biological and material properties. By understanding these properties, chemists can design better pharmaceuticals, agrochemicals, cosmetics, consumer products, materials and other chemicals.	<i>Learning activities:</i> Combination of lectures, worked example workshops and poster preparation workshops.	<i>Assessment:</i> Poster Presentation (30%) Examination (70%)
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Civil engineering

4200CIV	ENGINEERING MATHEMATICS (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and understanding of the mathematics underpinning engineering, and to apply these techniques within an engineering context.	<i>Learning activities:</i> A combination of lectures, tutorials and computer laboratories. The laboratories will enable students to use and apply mathematical software to the solution of engineering mathematics problems.	<i>Assessment:</i> IN-CLASS TEST (30%) EXAMINATION (70%)
4201CIV	STRUCTURES AND MATERIALS (20 c) Semester 1	<i>Module aim:</i> To introduce structural mechanics and provide an understanding of the basic concepts and techniques, with emphasis on the application of these to the solution of statically determinate structures. To apply mathematical and geometrical calculations to the determination of structural properties of sections. To examine and explore the structural behaviour of materials, the relationship between ultimate stress and working stress and the likely modes of failure and hence provide a sound rationale for selection and use of materials in engineering.	<i>Learning activities:</i> Lectures, tutorials and laboratory practicals.	<i>Assessment:</i> LABORATORY BASED <2000 WORDS (30%) EXAMINATION (70%)
4202CIV	INFRASTRUCTURE (10 c) Semester 1	<i>Module aim:</i> To introduce students to infrastructure and to explain the interlinking between the various forms of infrastructure. To introduce the students to a systems approach to solving complex engineering problems. To introduce the planning, design, construction and operational activities required for civil engineering infrastructure & associated works.	<i>Learning activities:</i> Lectures, IT workshops, tutorials.	<i>Assessment:</i> EXAMINATION (100%)

5200CIV	<p>MATERIALS (20 c) Semester 1</p>	<p><i>Module aim:</i> To introduce the students to a range of advanced materials, and to a more fundamental understanding of how their micro- and mesoscale structures determine their macroscale properties. To explore how effects such as electrical, thermal and acoustic conduction are mediated through a range of materials, and how careful selection of such materials can control and guide these effects. To understand how and why the treatment and environment to which a material is exposed can alter its properties and working life, e.g. fire, salt water, thermal cycling. To understand how photovoltaic and solar thermal power are generated and why combining the two is a challenge; to understand suitable locations for photovoltaic panels in buildings.</p>	<p><i>Learning activities:</i> Lectures will be delivered throughout a semester-long programme, incorporating slides, videos and in-lecture quizzes. These theory sessions will be provided alongside extensive hands-on laboratory sessions to both demonstrate the phenomena described but also to extend student experience of a range of analytical techniques and physical principles.</p>	<p><i>Assessment:</i> JOURNAL STYLE LAB REPORT (25%) EXAMINATION (75%)</p>
5201CIV	<p>SURVEYING, HIGHWAYS AND TRANSPORTATION (20 c) Semester 1</p>	<p><i>Module aim:</i> To introduce methods of infrastructure route planning. To introduce highway geometry, design & construction. To introduce geodetic and satellite surveying. To demonstrate how total stations and GNSS receivers, can capture data for use in software packages to produce contoured plans and sections. To develop practical surveying skills</p>	<p><i>Learning activities:</i> Lectures, computational problems, practical use of surveying instruments in the field, treatment of field data and subsequent production of site drawings in IT workshops.</p>	<p><i>Assessment:</i> SURVEYING FIELD COURSE (40%) EXAMINATION (60%)</p>

5205CIV	STRUCTURAL ANALYSIS AND DESIGN (20 c) Semester 1	<i>Module aim:</i> To introduce the analysis of statically indeterminate structures and the analysis of the plastic behaviour of steel structures. To design and detail structural elements in reinforced concrete and structural steelwork using Eurocode 2 and 3. Introduce students to the use of software for the analysis and design of structures.	<i>Learning activities:</i> Lectures, tutorials, problem-solving sessions, laboratory practical work, use of specialist computer software.	<i>Assessment:</i> EXAMINATION (70%) ANALYSIS & Graphic design REPORT (30%)
6200CIV	ADVANCED MATERIALS, RIVER AND COASTAL ENGINEERING (20 c) Semester 1	<i>Module aim:</i> To further develop the student's understanding of the behaviour of engineering materials under a wide range of service conditions in consideration of durability and sustainability and to critically review the choice of materials for specific river and coastal applications. This module develops an understanding of river and coastal engineering. It examines river and coastal engineering works, in particular flood defence works and the materials used for them.	<i>Learning activities:</i> Lectures, workshops and practical sessions.	<i>Assessment:</i> REPORT <2000 WORDS (30%) EXAMINATION (70%)
6201CIV	INFRASTRUCTURE, HIGHWAYS DESIGN AND INNOVATION (20 c) Semester 1	<i>Module aim:</i> To develop understanding and knowledge of the role of infrastructure in supporting society, and the role of civil engineering in developing infrastructure. In particular students will develop further understanding of the design of roads and highway drainage. The module will study recent developments within the field of infrastructure, and students will develop an understanding of innovation and entrepreneurship through consideration of case studies.	<i>Learning activities:</i> Lectures, workshops, and seminars	<i>Assessment:</i> EXAMINATION (70%) INNOVATION REPORT <2000 WORDS (30%)

7006BEPG	WATER AND WASTEWATER TREATMENT (20 c) Semester 1	<p><i>Module aim:</i> To critically appraise current practice in the treatment of water and wastewater. To develop an understanding of the characteristics of wastewaters, and associated sludges, and the selection, process design and operation of treatment works to meet discharge standards. To contextualise water and wastewater treatment within the overall management of public water supply and sanitation.</p>	<p><i>Learning activities:</i> Lectures, seminars and field visits.</p>	<p><i>Assessment:</i> EXAM (60%) ESSAY (40%)</p>
7204CIV	APPLIED FINITE ELEMENT ANALYSIS (20 c) Semester 1	<p><i>Module aim:</i> The module will introduce students to the finite element method and explore the underlying theory of finite element methods. Students will investigate the performance and reliability of finite element methods in civil engineering applications, such as structural problems including material nonlinearity. Whilst the theoretical aspects of the method will be covered in lectures the module is intended to be practical in nature with students having the opportunity to practice via a range of tutorials and assignments using industry standard software.</p>	<p><i>Learning activities:</i> Lectures, tutorials, computational problems, practical use of commercial finite element analysis packages for analysis of structures.</p>	<p><i>Assessment:</i> EXAMINATION (80%) FINITE ELEMENT SOFTWARE REPORT (20%)</p>
7205CIV	PAVEMENT, HIGHWAYS AND TRANSPORT ENGINEERING (20 c) Semester 1	<p><i>Module aim:</i> To develop understanding and critical evaluation in highway and road pavement design. To appreciate the demands and challenges in providing and maintaining sustainable road transport infrastructure. To develop understanding of traffic flow theory, transport planning and associated social and environmental elements such as road safety and air pollution.</p>	<p><i>Learning activities:</i> Lectures, tutorials, and workshops</p>	<p><i>Assessment:</i> EXAMINATION (60%) REPORT <2000 WORDS (40%)</p>

7307BEPG	Sustainable Infrastructure (20 c) Semester 1	<i>Module aim:</i> To develop understanding of the operation, design and management of infrastructure in both the Developing World and the Developed World. From this students will develop the capability for critical assessment of the sustainability of infrastructure in a wide variety of situations.	<i>Learning activities:</i> Lectures and seminars. The assessment is an integral part of the learning process.	<i>Assessment:</i> PORTFOLIO (40%) EXAM (60%)
7326BEPG	STRUCTURAL AND EARTHQUAKE ENGINEERING (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to introduce students to the design of structures under dynamic loading conditions. Students will gain an understanding of earthquake generation and the quantification of earthquake effects. Students will gain a knowledge of the behavior of materials, structural elements and composite structures under earthquake loading.	<i>Learning activities:</i> Lectures, tutorials, practicals, workshops	<i>Assessment:</i> EXAMINATION (70%) REPORT (30%)
7327BEPG	ENERGY MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To provide the necessary skills for the selection and the effective management of energy in the construction industry, business environment and the energy supply sector.	<i>Learning activities:</i> Lectures, tutorials and practicals.	<i>Assessment:</i> EXAM (60%) PORTFOLIO (40%)
7438BEPG	CIVIL ENGINEERING AND BIM (20 c) Semester 1	<i>Module aim:</i> To enable students to evaluate the role of BIM in improving project delivery at all stages of a construction project. To allow students to apply the theory of BIM specifically in a civil engineering context.	<i>Learning activities:</i> Use of case studies. Workshops to facilitate collaborative working and use of IT.	<i>Assessment:</i> REPORT (100%)

Computing

4000DACOMP	INTRODUCTION TO PROGRAMMING (20 c) Semester 1	<i>Module aim:</i> To gain an understanding of how software is developed. To become conversant with a range of computer programming paradigms. To develop problem solving skills in computing. To prepare students for software development at higher levels, both in work and study.	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning. Lab exercises for this module will be delivered online.	<i>Assessment:</i> Simple Application (40%) Complex Application (60%)
4001DACOMP	COMPUTER SYSTEMS (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of the underlying computing platform (hardware, OS, network) upon which applications are developed and hosted	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials, laboratory exercises and coursework. Lab exercises for this module will be delivered online.	<i>Assessment:</i> Examination (50%) Digital System Design (50%)
4010DACOMP	SOFTWARE ENGINEERING PRINCIPLES (20 c) Semester 1	<i>Module aim:</i> To introduce the student to the basic processes involved in the development of a software project. To make the student aware of the type of systems encountered in software engineering and the software engineer's role in systems development.	<i>Learning activities:</i> This module will comprise of lectures and tutorial sessions to provide practical examples of the materials discussed. This module will have online practical.	<i>Assessment:</i> Portfolio (40%) Exam (60%)

4100COMP	INTRODUCTION TO PROGRAMMING (20 c) Semester 1	<i>Module aim:</i> To gain an understanding of how software is developed. To become conversant with a range of computer programming paradigms. To develop problem solving skills in computing. To prepare students for software development at higher levels, both in work and study.	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.	<i>Assessment:</i> Complex Application (60%) Simple Application (40%)
4101COMP	COMPUTER SYSTEMS (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of the underlying computing platform (hardware, OS, network) upon which applications are developed and hosted	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials, laboratory exercises and coursework.	<i>Assessment:</i> Digital System Design (50%) Examination (50%)
4105COMP	INTRODUCTION TO COMPUTER FORENSICS AND SECURITY (20 c) Semester 1	<i>Module aim:</i> To introduce the student to a range of problem solving skills in computing and the associated tools and techniques used by practitioners in computer digital forensics and computer security.	<i>Learning activities:</i> Lectures will typically include theoretical and practical components, which will prepare the student for the follow up practical and guided lab session.	<i>Assessment:</i> Coursework 1 (50%) Coursework 2 (50%)

4107COMP	<p>PROGRAMMING FOR GAMES (20 c) Semester 1</p>	<p><i>Module aim:</i> To gain experience with the tools which form the ecosystem used to develop, compile, debug and test code using an appropriate high-level programming language. To develop problem solving and programming skills to enable the student to design solutions to non-trivial problems and implement those solutions in a high-level language. To relate software engineering and fundamental programming skills to computer games development. To build a foundation for more advanced programming techniques, including object-oriented design and programming and the use of standard data structures and algorithms.</p>	<p><i>Learning activities:</i> Workshop – Tutor-led practical session in the computer laboratory to cover both theories and techniques of programming Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> In class test (40%) Design, Development and Test (60%)</p>
4108COMP	<p>GAME DESIGN (20 c) Semester 1</p>	<p><i>Module aim:</i> To describe the core elements of computer game. To explain the principles and methodologies of game design. To describe and model the play mechanics for computer game. To explain the psychological design considerations for computer game design. To provide practical experience in computer and video games design.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on game design. Workshop – Tutor-led practical session in the computer laboratory to introduce activities, techniques, methods and tools used in the process of design and prototyping both non-digital games and computer games. Further exercises – additional exercises for students to practical work on in their own time. Directed learning – provides additional reading to enable workshop work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Document and Prototype (80%) Game Design Reflection Report (20%)</p>

4110COMP	FUNDAMENTALS OF INFORMATION SYSTEMS (20 c) Semester 1	<p><i>Module aim:</i> To introduce the concepts of information systems To examine the various hardware and software components of information systems To develop skills in designing and building information systems To understand the planning and management of information systems To explore the uses and impact of information systems.</p>	<p><i>Learning activities:</i> Theory will be covered via lectures and practical knowledge will be acquired via practical laboratory sessions and coursework.</p>	<p><i>Assessment:</i> Feasibility Study (50%) Group Coursework (50%)</p>
4112COMP	PRINCIPLES OF COMPUTER NETWORKS (20 c) Semester 1	<p><i>Module aim:</i> To understand the principles and fundamental concepts that run through the study of computer networks To understand the structure and components of typical computer networks, including routing and switching To understand information system requirements regarding computer networking.</p>	<p><i>Learning activities:</i> Students will attend lectures, supported by tutorials and lab sessions to develop their theoretical and practical knowledge through tasks and discussions.</p>	<p><i>Assessment:</i> Network fundamentals (40%) Network design scenario (60%)</p>
4115COMP	DISCRETE MATHEMATICS (20 c) Semester 1	<p><i>Module aim:</i> To enhance students problem solving skills through the use of mathematics and computer science techniques.</p>	<p><i>Learning activities:</i> Learning activities will be through lectures and practical sessions where students will be encouraged to ask questions and discuss case studies. The practical sessions will be based around supported labs where students will be encouraged to put the theory gained in lectures into practice.</p>	<p><i>Assessment:</i> Modelling exercise (40%) Examination (60%)</p>
4117COMP	FUNDAMENTALS OF DATA SCIENCE (20 c) Semester 1	<p><i>Module aim:</i> To introduce the notions of data, information and knowledge discovery To introduce the data science process and explore basic data science tools</p>	<p><i>Learning activities:</i> This module is intended to introduce the fundamental building blocks of data science. The theory introduced in lectures will be practised in laboratory sessions</p>	<p><i>Assessment:</i> Data Science Exercise (60%) Examination (40%)</p>

4119COMP	FUNDAMENTALS OF MULTIMEDIA (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the theory and concepts of the various media components of multimedia development. To link theory and practice by providing practical experience of developing multimedia artefacts using a variety of tools.	<i>Learning activities:</i> Lectures will concentrate on the necessary theory underpinning these topics, while practical hands-on sessions will develop the capabilities to understand and use multimedia development tools appropriately.	<i>Assessment:</i> Multimedia Artefacts (60%) Exam (40%)
4120COMP	SOFTWARE ENGINEERING PRINCIPLES (20 c) Semester 1	<i>Module aim:</i> To introduce the student to the basic processes involved in the development of a software project. To make the student aware of the type of systems encountered in software engineering and the software engineer's role in systems development.	<i>Learning activities:</i> This module will comprise of lectures and tutorial sessions to provide practical examples of the materials discussed.	<i>Assessment:</i> Portfolio (40%) Exam (60%)
5002DACOMP	DATABASE SYSTEMS (20 c) Semester 1	<i>Module aim:</i> To implement relational database designs using modern database management systems. To utilize database connectivity technologies in developing data driven applications. To introduce database administration tasks and the key concepts of data management, quality and security. To investigate database systems in the context of business intelligence.	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained though lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning. This module will be delivered online.	<i>Assessment:</i> SQL Development (50%) Exam (50%)

5012DACOMP	OPERATING SYSTEMS (20 c) Semester 1	<p><i>Module aim:</i> To develop an understanding of different operating systems and their role within IT infrastructure. To become familiar with these operating systems through practical excersises. To gain an understanding of how command-line software is developed. To gain knowledge of how operating system tools may be used for managing systems and networks. To gain knowledge on managing and maintaining services offered by networked systems. To appreciate a range of security measures involved in system administration.</p>	<p><i>Learning activities:</i> Lectures – to introduce the operating system and shell programming theories and techniques. Tutorial sessions – discussion and tasks covering operating-system concepts. Lab – practical tasks for students to solve using command-line tools and write their own scripts. Directed reading – background reading to enable the lab work to be completed. This module will have online practical.</p>	<p><i>Assessment:</i> Essay (40%) Development tasks (60%)</p>
5013DACOMP	DATA STRUCTURES AND ALGORITHMS (20 c) Semester 1	<p><i>Module aim:</i> This is a practical, applied Software Engineering module with the aim of introducing the student to the fundamentals of Abstract Data Types and complexity of operations on ADTs followed by an implementation-based exploration of common data structures and operations, their implementations and applications</p>	<p><i>Learning activities:</i> Workshops, Directed Study Tasks This module will have online practical.</p>	<p><i>Assessment:</i> Implementation of software (40%) Examination (60%)</p>
5014DACOMP	STATISTICAL MODELLING (20 c) Semester 1	<p><i>Module aim:</i> To develop a theoretical knowledge of statistical skills to solve data science problems To develop and display solutions to data science problems by applying statistical theory using appropriate software applications</p>	<p><i>Learning activities:</i> Lectures will be used to introduce and demonstrate topics, however the key component in the module is the use of accessible practical tasks to reinforce the theoretical aspects of the lecture material which will be reinforced through practical work. This module will have online practical.</p>	<p><i>Assessment:</i> Case Study Analysis (60%) Examination (40%)</p>

5015DACOMP	DATA SCIENCE AND ANALYTICS (20 c) Semester 1	<i>Module aim:</i> To contextualize the place of data science and the data analysis process in the organization To introduce the hierarchy and uses of different analytical approaches	<i>Learning activities:</i> Lectures will be used to introduce topics, which will be reinforced through practical work in practical sessions. Learning will largely be based on practical exercises and problem solving activities. This module will have online practical.	<i>Assessment:</i> Data Analytic/Science Exercise (60%) Examination (40%)
5017DACOMP	PROJECT MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To provide a fundamental understanding of the practical skills and underpinning theory required to manage successful IT projects.	<i>Learning activities:</i> Lectures, tutorials and laboratory sessions. This module will have online practical.	<i>Assessment:</i> In-class Test (25%) Examination (75%)
5018DACOMP	PROGRAMMING LANGUAGE THEORY (20 c) Semester 1	<i>Module aim:</i> The module's aim is to provide an introduction to the concepts behind programming languages, along with an explanation of the underpinnings of programmable machines. It will also discuss and demonstrate a variety of programming languages across both Imperative and Declarative paradigms	<i>Learning activities:</i> Lab-Lectures, Directed Study Tasks This module will have online practical.	<i>Assessment:</i> Basic language, interpreter (60%) Examination (40%)
5024DACOMP	INFORMATION SYSTEMS ANALYSIS AND DESIGN (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of the underlying principles of systems analysis and design.	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials and coursework. This module will have online practical.	<i>Assessment:</i> System Analysis and Design (100%)

5102COMP	<p>DATABASE SYSTEMS (20 c) Semester 1</p>	<p><i>Module aim:</i> To implement relational database designs using modern database management systems. To utilize database connectivity technologies in developing data driven applications. To introduce database administration tasks and the key concepts of data management, quality and security. To investigate database systems in the context of business intelligence.</p>	<p><i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained though lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.</p>	<p><i>Assessment:</i> SQL Development (50%) Exam (50%)</p>
5103COMP	<p>OPERATING SYSTEMS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop an understanding of different operating systems and their role within IT infrastructure. To become familiar with these operating systems through practical excersises. To gain an understanding of how command-line software is developed. To gain knowledge of how operating system tools may be used for managing systems and networks. To gain knowledge on managing and maintaining services offered by networked systems. To appreciate a range of security measures involved in system administration.</p>	<p><i>Learning activities:</i> Lectures – to introduce the operating system and shell programming theories and techniques. Tutorial sessions – discussion and tasks covering operating-system concepts. Lab – practical tasks for students to solve using command-line tools and write their own scripts. Directed reading – background reading to enable the lab work to be completed.</p>	<p><i>Assessment:</i> Essay (40%) Development tasks (60%)</p>
5106COMP	<p>COMPUTER LAW (20 c) Semester 1</p>	<p><i>Module aim:</i> An overview of the English legal system and law making process An understanding of the law relating to commercial transactions An awarenes of the law relating to intellectual property and the provision of computer products and services An understanding of the law relating to computer misuse resolution.</p>	<p><i>Learning activities:</i> Lectures-Tutorials, Directed Study Tasks. Students work as groups for their Coursework presentation but will study independent topics and the group process is only assessed formatively.</p>	<p><i>Assessment:</i> Advocacy group presentaions (40%) Exam (60%)</p>

<p>5108COMP</p>	<p>3D COMPUTER GRAPHICS (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide mathematical knowledge essential in complex 3D graphics and animation. To explain the key principles of 3D computer graphics. To develop skills in 3D computer graphics operations using modern 3D graphical API. To explain GPU graphics programming using shaders.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on maths applied to interactive 3D computer graphics. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Shader & Procedural Animation (100%)</p>
<p>5109COMP</p>	<p>DIGITAL GAMES CONTENT PRODUCTION (20 c) Semester 1</p>	<p><i>Module aim:</i> To explain the digital game content creation workflow. To develop theoretical knowledge of the concepts and techniques required for 2D graphics, 3D modelling and 3D animation. To provide students an opportunity to practice the principles of 3D modelling and 3D animation using appropriate tools, techniques and methods. To explain the concepts and techniques for producing pre-rendered cinematics.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts maths applied to production of game contents and assets. Practical – Tutor-led practical session in the computer laboratory to introduce specific techniques and methods used in the production of textured 3D models to be incorporated into game engine and 3D animation sequences for off-line rendering. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> 3D Modelling and Texturing (50%) Pre-rendered 3D Animation (50%)</p>

5110COMP	SOFTWARE ENGINEERING FOR GAMES (20 c) Semester 1	<i>Module aim:</i> To develop the concepts of object oriented philosophy as applied to development for computer games. To explain models, tools and techniques of development process for game software. To explain formal principles of game software modelling. To provide skills in using software APIs relevant for the computer games industry. To provide students with knowledge, skills and experience in interactive application and games development.	<i>Learning activities:</i> Lectures – to deliver the theoretical concepts on software engineering applied to games. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).	<i>Assessment:</i> Examination (40%) Object Oriented Game App (60%)
5112COMP	PROJECT MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To provide a fundamental understanding of the practical skills and underpinning theory required to manage successful IT projects.	<i>Learning activities:</i> Lectures, tutorials and laboratory sessions.	<i>Assessment:</i> In-class Test (25%) Examination (75%)
5113COMP	INFORMATION SYSTEMS ANALYSIS AND DESIGN (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of the underlying principles of systems analysis and design.	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials and coursework.	<i>Assessment:</i> System Analysis and Design (100%)
5117COMP	DATA STRUCTURES AND ALGORITHMS (20 c) Semester 1	<i>Module aim:</i> This is a practical, applied Software Engineering module with the aim of introducing the student to the fundamentals of Abstract Data Types and complexity of operations on ADTs followed by an implementation-based exploration of common data structures and operations, their implementations and applications	<i>Learning activities:</i> Workshops, Directed Study Tasks	<i>Assessment:</i> Implementation of software (40%) Examination (60%)

5120COMP	ALGORITHM DESIGN (20 c) Semester 1	<i>Module aim:</i> Gain an understanding of how to select and design data structures and algorithms to solve computational problems. Develop an understanding of key concepts of complexity theory and illustrate their relevance to practical problems of algorithm design. Understand the difference between a tractable and intractable problem and apply the implications to practical situations.	<i>Learning activities:</i> Lectures are supported by more informal seminars.	<i>Assessment:</i> Assessing Algorithms (25%) Exam (75%)
5121COMP	COMPILER DESIGN (20 c) Semester 1	<i>Module aim:</i> To introduce the concepts of languages and grammars leading to the principles of Compiler Design.	<i>Learning activities:</i> Lectures will describe the main elements of theory, whilst laboratories and seminars will be used to examine the practical aspects of the module and illustrate the main concepts.	<i>Assessment:</i> Code generation (40%) Exam (60%)
5123COMP	STATISTICAL MODELLING (20 c) Semester 1	<i>Module aim:</i> To develop a theoretical knowledge of statistical skills to solve data science problems To develop and display solutions to data science problems by applying statistical theory using appropriate software applications	<i>Learning activities:</i> Lectures will be used to introduce and demonstrate topics, however the key component in the module is the use of accessible practical tasks to reinforce the theoretical aspects of the lecture material which will be reinforced through practical work.	<i>Assessment:</i> Case Study Analysis (60%) Examination (40%)
5124COMP	DATA SCIENCE AND ANALYTICS (20 c) Semester 1	<i>Module aim:</i> To contextualize the place of data science and the data analysis process in the organization To introduce the hierarchy and uses of different analytical approaches	<i>Learning activities:</i> Lectures will be used to introduce topics, which will be reinforced through practical work in practical sessions. Learning will largely be based on practical exercises and problem solving activities.	<i>Assessment:</i> Data Analytic/Science Exercise (60%) Examination (40%)

5127COMP	DIGITAL MEDIA PRODUCTION (20 c) Semester 1	<i>Module aim:</i> To consolidate and extend previous knowledge and practical experience of digital media production tools and techniques. To provide experience and skills in devising, planning and managing the team production of media rich experiences.	<i>Learning activities:</i> Lectures will concentrate on the necessary theory of these topics while hands-on practical sessions will develop the capabilities to design, create, produce and deliver media rich experiences.	<i>Assessment:</i> Individual Digital Media Portf (40%) Group Digital Media Project (60%)
5129COMP	PROGRAMMING LANGUAGE THEORY (20 c) Semester 1	<i>Module aim:</i> The module's aim is to provide an introduction to the concepts behind programming languages, along with an explanation of the underpinnings of programmable machines. It will also discuss and demonstrate a variety of programming languages across both Imperative and Declarative paradigms	<i>Learning activities:</i> Lab-Lectures, Directed Study Tasks	<i>Assessment:</i> Basic language, interpreter (60%) Examination (40%)
5131COMP	DATA STRUCTURES AND ALGORITHMS IN SECURITY (20 c) Semester 1	<i>Module aim:</i> This is a practical, applied module with the aim of introducing the student to the fundamentals of Abstract Data Types and complexity of operations on ADTs, using a case study in relation to security problems. Emphasise the importance of ADT and algorithms in building software security solutions. Gain experience implementing common data structures and operations to solve security problems.	<i>Learning activities:</i> Workshops and Directed Study Tasks	<i>Assessment:</i> Design and implementation of s (40%) Examination (60%)

6010DACOMP	<p>USER EXPERIENCE DESIGN (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to augment students' technical knowledge of systems development with an appreciation of the social-technical aspects of design. It covers the evolving area of User Experience (UX) design. This involves the students using UX methods to design and prototype an interactive system and then be able to validate their design against user requirements using UX evaluation techniques.</p>	<p><i>Learning activities:</i> Learning activities will be through lectures and practical tutorials where students will be encouraged to ask questions and discuss case studies. The practical tutorials will be based around supported labs where students will be encouraged to put the theory gained in lectures and tutorials into practice. This module will have online practical.</p>	<p><i>Assessment:</i> development of a UX system (50%) Exam (50%)</p>
6011DACOMP	<p>CONTEMPORARY SOFTWARE DEVELOPMENT (20 c) Semester 1</p>	<p><i>Module aim:</i> To use the latest methods and tools in software development to produce an industry standard piece of software</p>	<p><i>Learning activities:</i> This module will comprise of a small number of short lectures detailing modern trends in software development leading to problem based self-directed learning by the student There will be project development sessions involving regular team meetings with the tutor. Practical sessions where development techniques are demonstrated and acquired. Group work involving arranging and participating in software development team meetings. Presentations to their own group and students in other development teams. This module will have online practical.</p>	<p><i>Assessment:</i> Software Demo (10%) Documentation for software (90%)</p>

6014DACOMP	<p>NETWORK FORENSICS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop a critical appreciation of both the theoretical issues of computer networks and their impact on digital forensic investigations. To explore the emergence of new networking technologies and how they will impact on network forensics. To develop a practical understanding of network forensics as it applies to common applications or services. To build the necessary skills, methodologies and processes to conduct a basic network forensics investigation within an organisation.</p>	<p><i>Learning activities:</i> Students will participate in lectures and practical lab sessions. This module will have online practical.</p>	<p><i>Assessment:</i> Network forensics research (50%) Analysis of Network Traffic (50%)</p>
6015DACOMP	<p>NETWORK DEFENCE (20 c) Semester 1</p>	<p><i>Module aim:</i> To gain a significant understanding of various security vulnerabilities in and cyber threats to computer systems/applications as well as the importance of cyber security. To assess critically a variety of intrusion detection and firewall techniques and tools for the protection of computer systems and applications. Develop practical skills in the use of security countermeasure technologies and associated tools.</p>	<p><i>Learning activities:</i> Include attending lectures and tutorials, as well as reading online resources. This module will have online practical.</p>	<p><i>Assessment:</i> Network Security Scenario (40%) Exam (60%)</p>
6019DACOMP	<p>ADVANCED AND DISTRIBUTED DATABASES (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is build a recognition that traditional relational database approaches are incapable of dealing with “big data”.</p>	<p><i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced and distributed database approaches, while practical sessions will implement those theories in a practical manner. This module will have online practical.</p>	<p><i>Assessment:</i> NoSQL Database Design Task (40%) NoSQL Development Task (60%)</p>

6020DACOMP	BIG DATA, TOOLS AND ANALYSIS (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to develop the knowledge and skills for working effectively with the large scale data storage and processing frameworks that underpin data science.	<i>Learning activities:</i> Lectures will explore the underpinning theories of large scale data storage and processing approaches, while practical sessions will implement those theories in a practical manner. This module will have online practical.	<i>Assessment:</i> Machine Learning Exercise (60%) Examination (40%)
6022DACOMP	BUSINESS SYSTEMS ANALYSIS (20 c) Semester 1	<i>Module aim:</i> To integrate and extend previous learning and experience in systems investigation and development. To develop competence in the investigation and design of complex or large scale business and IT systems. To develop a broad repertoire of investigation techniques.	<i>Learning activities:</i> Formal lectures introduce key concepts and practical sessions provide the opportunity to explore and assimilate those concepts. This module will have online practical.	<i>Assessment:</i> Cybernetic Analysis (50%) Examination (50%)
6101COMP	COMPUTER SECURITY (20 c) Semester 1	<i>Module aim:</i> Understand security threats and vulnerabilities to information, computing and communications systems. Assess critically a variety of generic security technologies for protection of computer networks. Develop practical skills in the use of security countermeasure technologies and associated tools.	<i>Learning activities:</i> Include attending lectures, practical sessions and tutorials, as well as reading online resources.	<i>Assessment:</i> Security Software Task (40%) Exam (60%)

6102COMP	<p>NETWORK FORENSICS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop a critical appreciation of both the theoretical issues of computer networks and their impact on digital forensic investigations. To explore the emergence of new networking technologies and how they will impact on network forensics. To develop a practical understanding of network forensics as it applies to common applications or services. To build the necessary skills, methodologies and processes to conduct a basic network forensics investigation within an organisation.</p>	<p><i>Learning activities:</i> Students will participate in lectures and practical lab sessions.</p>	<p><i>Assessment:</i> Network forensics research (50%) Analysis of Network Traffic (50%)</p>
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<p>6105COMP</p>	<p>GAMES ENGINE ARCHITECTURES (20 c) Semester 1</p>	<p><i>Module aim:</i> To compare and contrast architectural approaches to building a game engine architecture. To gain an understanding of the importance of abstraction, decoupling and encapsulation within a game engine environment. To understand how data structures and algorithms are formally applied to To understand how the object oriented and data oriented paradigms are applied in an engine environment. To understand how data-driven architectures can be used to abstract both content and behaviour in an engine environment. To identify, formulate and apply solutions to a diverse range of advanced computer game problems across the architectural tiers. To understand and use the structures and technologies of modern game engines. To present advanced game programming techniques and technologies applicable to game development. To implement key algorithms for optimising 3D scenes, organising game mechanics and structures. To be able to integrate and use middleware libraries to solve domain-specific challenges in games (e.g. Physics, AI, Shaders, Maths, Procedural Generation).</p>	<p><i>Learning activities:</i> Workshop – to deliver the theoretical concepts on game engine architectures and tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable workshop work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Game Implementation (100%)</p>
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6106COMP	MIXED REALITY TECHNOLOGIES (20 c) Semester 1	<p><i>Module aim:</i> To describe the concepts and technologies for mixed reality. To explain the principles and techniques of modelling and rendering virtual reality using appropriate tools and technology. To provide opportunity for students to design, develop and evaluate mixed reality solution.</p>	<p><i>Learning activities:</i> Lectures – to deliver the concepts, methodologies and techniques on mixed reality technologies. Workshop – Tutor-led workshop activities which will enable the students to practice the methods and techniques to design and prototype a mixed reality application. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable workshop work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Mixed Reality Application (50%) Examination (50%)</p>
6109COMP	BUSINESS SYSTEMS ANALYSIS (20 c) Semester 1	<p><i>Module aim:</i> To integrate and extend previous learning and experience in systems investigation and development. To develop competence in the investigation and design of complex or large scale business and IT systems. To develop a broad repertoire of investigation techniques.</p>	<p><i>Learning activities:</i> Formal lectures introduce key concepts and practical sessions provide the opportunity to explore and assimilate those concepts.</p>	<p><i>Assessment:</i> Cybernetic Analysis (50%) Examination (50%)</p>
6110COMP	USER EXPERIENCE DESIGN (20 c) Semester 1	<p><i>Module aim:</i> The aim of this module is to augment students' technical knowledge of systems development with an appreciation of the social-technical aspects of design. It covers the evolving area of User Experience (UX) design. This involves the students using UX methods to design and prototype an interactive system and then be able to validate their design against user requirements using UX evaluation techniques.</p>	<p><i>Learning activities:</i> Learning activities will be through lectures and practical tutorials where students will be encouraged to ask questions and discuss case studies. The practical tutorials will be based around supported labs where students will be encouraged to put the theory gained in lectures and tutorials into practice.</p>	<p><i>Assessment:</i> Exam (50%) development of a UX system (50%)</p>

6113COMP	<p>NETWORK DEFENCE (20 c) Semester 1</p>	<p><i>Module aim:</i> To gain a significant understanding of various security vulnerabilities in and cyber threats to computer systems/applications as well as the importance of cyber security. To assess critically a variety of intrusion detection and firewall techniques and tools for the protection of computer systems and applications. Develop practical skills in the use of security countermeasure technologies and associated tools.</p>	<p><i>Learning activities:</i> Include attending lectures and tutorials, as well as reading online resources.</p>	<p><i>Assessment:</i> Network Security Scenario (40%) Exam (60%)</p>
6116COMP	<p>INTERNET OF THINGS (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide a comprehensive study in the Internet of Things including enabling technologies and various applications To develop design skills for creating new IoT applications and implementation To develop an understanding for requirements and technical solutions of intelligent services using sensing information</p>	<p><i>Learning activities:</i> Learning activities will be through lectures, practicals, and tutorials where students will be encouraged to ask questions and discuss case studies.</p>	<p><i>Assessment:</i> Design of IoT Application (50%) Exam (50%)</p>
6119COMP	<p>COMPUTER SCIENCE APPLICATIONS (20 c) Semester 1</p>	<p><i>Module aim:</i> The aims of this module are to present the basic ideas of functional programming languages whilst demonstrating the main elements of good programming style; allowing the illustration of some uses and applications for functional programming</p>	<p><i>Learning activities:</i> The module will be supported by a series of short lectures based around the principles of functional programming as a computer science discipline. The major learning in the module is problem based with the students taking the short lecture series followed by practicals where their own research is used to produce a functional program that solves a given problem.</p>	<p><i>Assessment:</i> Problem Solution (90%) Working Software (10%)</p>

6122COMP	VIRTUALISED COMPUTING ARCHITECTURES (20 c) Semester 1	<i>Module aim:</i> To provide the student with the ability to apply the methods and techniques involved in computing resource virtualisation, from individual machines to virtualised networked infrastructures	<i>Learning activities:</i> Formal lectures will be supported by seminars and concept illustrations in more informal sessions. Practical aspects will be demonstrated and worked on in computing laboratories.	<i>Assessment:</i> Virtualisation Implementation (40%) Exam (60%)
6123COMP	ADVANCED AND DISTRIBUTED DATABASES (20 c) Semester 1	<i>Module aim:</i> The aim of this module is build a recognition that traditional relational database approaches are incapable of dealing with “big data”.	<i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced and distributed database approaches, while practical sessions will implement those theories in a practical manner.	<i>Assessment:</i> NoSQL Database Design Task (40%) NoSQL Development Task (60%)
6124COMP	BIG DATA, TOOLS AND ANALYSIS (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to develop the knowledge and skills for working effectively with the large scale data storage and processing frameworks that underpin data science.	<i>Learning activities:</i> Lectures will explore the underpinning theories of large scale data storage and processing approaches, while practical sessions will implement those theories in a practical manner.	<i>Assessment:</i> Machine Learning Exercise (60%) Examination (40%)
6127COMP	ADVANCED MULTIMEDIA (20 c) Semester 1	<i>Module aim:</i> To develop a theoretical knowledge of the concepts of advanced media types and the advanced media production techniques and technologies required to design and develop digital media systems.	<i>Learning activities:</i> Formal lectures will deliver theoretical concepts while practical-based workshop sessions, which take place in computer laboratories, will be used to introduce specific techniques and methods used in the development of advanced multimedia applications.	<i>Assessment:</i> Coursework 1 (50%) Coursework 2 (50%)

6129COMP	<p>CONTEMPORARY SOFTWARE DEVELOPMENT (20 c) Semester 1</p>	<p><i>Module aim:</i> To use the latest methods and tools in software development to produce an industry standard piece of software</p>	<p><i>Learning activities:</i> This module will comprise of a small number of short lectures detailing modern trends in software development leading to problem based self-directed learning by the student There will be project development sessions involving regular team meetings with the tutor. Practical sessions where development techniques are demonstrated and acquired. Group work involving arranging and participating in software development team meetings. Presentations to their own group and students in other development teams.</p>	<p><i>Assessment:</i> Documentation for software (90%) Software Demo (10%)</p>
7101COMP	<p>RESEARCH METHODS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop knowledge of effective and academic research design at masters level and provide guidance on the purpose and design of literature reviews; the use of theory; writing strategies; citation and ethical considerations. To provide an understanding of how the range of qualitative, quantitative and mixed method data approaches can be most appropriately applied To provide help on establishing the most effectual research design and method for the dissertation project and write a successful research proposal.</p>	<p><i>Learning activities:</i> Formal lectures will introduce core topics. Tutorials and in-class group activities will provide exercises to develop skills</p>	<p><i>Assessment:</i> Critical review (40%) Research proposal (60%)</p>

7106COMP	<p>ADVANCED SOFTWARE ENGINEERING CONCEPTS (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop an in-depth knowledge and understanding of the theories and techniques associated with the software development lifecycle. To apply these techniques in an up to date, industry standard manner. To appreciate and analyse the roles of specific software development activities in the overall process To introduce students to the latest research, tools and techniques in software engineering.</p>	<p><i>Learning activities:</i> Formal lectures will introduce the major topics of study. Seminars and practical sessions will further develop the materials. Self-directed study, practice in the use of relevant tool(s) and research into software engineering and interrelated disciplines will provide an appropriate background.</p>	<p><i>Assessment:</i> Portfolio (60%) Examination (40%)</p>
7108COMP	<p>IDENTITY AND TRUST (20 c) Semester 1</p>	<p><i>Module aim:</i> To allow students to develop advanced understanding of the complex information security concepts of identity and trust. The closely related problem of privacy will be explored in the context of identity and trust. By studying existing solutions for identity and trust in computer systems students will be able to propose their own design for a particular application.</p>	<p><i>Learning activities:</i> The module will have a theoretical focus for the study of identity and trust issues. This will involve the study of current solutions and investigation of problems relating to identity, trust and privacy that exist in real applications. Assessment will involve literature review of research papers and a design relating to a contemporary identity and trust problem.</p>	<p><i>Assessment:</i> Research and design of a PET (100%)</p>
7113COMP	<p>IMAGE PROCESSING AND COMPUTER VISION (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide the underpinning knowledge, concepts and principles of Computer Vision and Image Processing. To develop the expertise in Image Processing using GPGPU. To develop the expertise in Computer Vision as a tool in computer games development.</p>	<p><i>Learning activities:</i> The lectures will cover the theory and concepts on Image Processing and Computer Vision. The practical sessions will involve tutor-led practical design and development activities that leads to the implementation of a computer software using GPGPU coding.</p>	<p><i>Assessment:</i> Implementation (100%)</p>

7118COMP	<p>ADVANCED SOFTWARE ENGINEERING FOR GAMES (20 c) Semester 1</p>	<p><i>Module aim:</i> To apply the object oriented and data oriented paradigms in a toolset development environment and how data-driven architectures can be used for localisation, internationalisation and product lifecycle extension. To appraise different software development methodologies and the impact that a specific methodology has on the development paradigm and development process used. To develop advanced programming skills using techniques such as templates, design patterns, GPGPU and parallel programming To leverage game technologies in combination with traditional UI-driven programming for use in alternative domains such as simulation, data visualisation and business application development and tools production.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on advanced software engineering applied to computer games development. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Examination (50%) Prototype advanced 3D game (50%)</p>
7122COMP	<p>PERFORMANCE MODELLING AND SIMULATION (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop a critical understanding of various aspects of modelling for performance evaluation of computer networks and communications systems. To develop modelling skills necessary for the creating appropriate analytical and simulation models for performance evaluation. To evaluate and apply, effectively, computer systems performance evaluation tools and techniques.</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials, and practical/lab sessions.</p>	<p><i>Assessment:</i> Performance simulation task (50%) Exam (50%)</p>
7126COMP	<p>MACHINE LEARNING FOR DATA SCIENTISTS (20 c) Semester 1</p>	<p><i>Module aim:</i> To consolidate and extend prior learning and experience of data science by exploring predictive analytics through the application of machine learning to data sets To build experience in the process of an analytical exercise</p>	<p><i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced analytics, while practical sessions will implement those theories in a practical manner.</p>	<p><i>Assessment:</i> Predictive Modelling Task (40%) Ensemble Modelling Task (60%)</p>

7128COMP	ADVANCED DATA STRUCTURES AND ALGORITHMS (20 c) Semester 1	<i>Module aim:</i> Apply various computational techniques to solve many common problems. Develop an understanding of key concepts of complexity theory and illustrate their relevance to practical problems of algorithm design. Understand the difference between a tractable and intractable problem and apply the implications to practical situations.	<i>Learning activities:</i> Lectures followed by tutor-led tutorial/practical sessions.	<i>Assessment:</i> Algorithm implementation (40%) Examination (60%)
7129COMP	SOFTWARE DEVELOPMENT WITH JAVA (20 c) Semester 1	<i>Module aim:</i> The course will develop the necessary skills for the development of object-oriented applications using the Java programming language. Students will work cooperatively in groups and demonstrate the skills required to engineer Java-based software applications from initial specification, through to implementation, testing and documentation.	<i>Learning activities:</i> Lectures will be accompanied by practical lab-sessions. Students will be required to work in small groups to complete tasks, thereby encouraging communication and projects management skills.	<i>Assessment:</i> OO Design and Implementation (50%) Software development (50%)
7130COMP	COMPUTER FORENSICS (20 c) Semester 1	<i>Module aim:</i> To develop a critical appreciation of both the theoretical and practical issues in the field of computer forensics. To develop the knowledge of various computer systems and technologies and understand their importance to computer forensics investigations. To place the field of computer forensics in the wider field of computer science, the judicial system and national security. To develop the necessary skills, methodologies and processes to conduct a basic computer forensics investigation within an organisation.	<i>Learning activities:</i> Lectures, tutorials and practical work. The practical work builds on core computer forensics concepts covered in the lectures. This involves laboratory and user demonstrations of computer forensics techniques.	<i>Assessment:</i> Analysis and investigation (40%) Examination (60%)

7131COMP	COMPUTER SECURITY (20 c) Semester 1	<p><i>Module aim:</i> To develop the knowledge of various security threats and vulnerabilities in computer systems as well as the importance of Computer Security.</p> <p>To critically assess a variety of generic security technologies for protection of computer systems.</p> <p>To promote the use of appropriate methodologies and tools in the analysis, design, implementation and management of secure systems.</p> <p>To examine current research issues in Computer Security.</p>	<p><i>Learning activities:</i> Lectures, tutorials and advanced individual research. The individual research builds on core computer security concepts covered in the lectures through reading books, journals and conference papers in the area of computer security.</p>	<p><i>Assessment:</i> Essay (50%) Security Tool (50%)</p>
7139COMP	INFORMATION SECURITY MANAGEMENT (20 c) Semester 1	<p><i>Module aim:</i> To develop a deep appreciation of information security problems</p> <p>To develop skills relating to risk assessment and control analysis</p> <p>To develop an appreciation of the complexity of using standards such as ISO-27001</p> <p>To gain experience in engaging in debates around legal, ethical and professional issues relating to information security.</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials/seminar sessions, including practicing risk assessment by using a software tool to produce a risk report. These sessions are to help students get a better understanding of the application of theory, in order to improve their learning before the exam.</p>	<p><i>Assessment:</i> Examination (100%)</p>
7140COMP	DISSERTATION RESEARCH METHODS (20 c) Semester 1	<p><i>Module aim:</i> - To develop knowledge of effective and academic research design at masters level and provide guidance on the purpose and design of literature reviews; the use of theory; writing strategies; citation and ethical considerations.</p>	<p><i>Learning activities:</i> Formal lectures will introduce core topics. Seminars and in-class group activities will provide exercises to develop skills</p>	<p><i>Assessment:</i> A critical review (40%) Interim report (60%)</p>

Creative writing

4032CRWRI	INTRODUCTION TO PROSE (20 c) Semester 1	<i>Module aim:</i> 1. To scrutinise published writers' narrative strategies for important aspects of form, techniques and devices in prose. 2. To explore the links between critical and creative writing. 3. To introduce students to good workshop practice at undergraduate level. 4. To join in discussion and debate and exercises that reveal engagement with the course.	<i>Learning activities:</i> Lectures, seminars, workshops and preparation for class.	<i>Assessment:</i> Portfolio (60%) Essay (40%)
4033CRWRI	CONSUMING PASSIONS (20 c) Semester 1	<i>Module aim:</i> 1. To show how creative writing is informed by enthusiasms, passions, non-literary interests and/or other texts; 2. To develop research and study skills appropriate to creative and critical work; 3. To produce a portfolio of creative and self-reflective work that indicates it is informed by enthusiasms, passions, non-literary interests and/or other texts, and research.	<i>Learning activities:</i> Lectures, seminars, tutorials, writing workshops and whole class site visits. Classroom-based teaching is supported and enhanced by writing forums on the VLE.	<i>Assessment:</i> Portfolio (70%) Essay (30%)

4035CRWRI	Observation and Discovery (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce the student to the habits and disciplines of a writing practice and to provide an environment in which the student can discover and develop their individual writer's voice.</p> <p>2. To introduce the student to the importance of operating within a community of writers and to foster the student's ability to communicate with peers and work cooperatively in groups as well as individually.</p> <p>3. To introduce the student to the importance of observation and imagination, developing an ability to relate to their environment with a writer's eye and to draw on their own experiences to create original writing.</p> <p>4. To introduce the student to the importance of reflecting on their own practice as a student of writing, as a writer and as a learner.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops, individual and group writing/observational exercises, journal writing, creative writing across genres, off-site visits, and residential field trip.</p>	<p><i>Assessment:</i> Portfolio - 2500 words (50%) Self-awareness statement (10%) Reflective Journal (40%)</p>
5030CRWRI	SCREEN 1 (20 c) Semester 1	<p><i>Module aim:</i> 1. To develop students' awareness of the dramatic storytelling structures that operate in screen narrative.</p> <p>2. To further develop students' awareness of formatting and exposition in the process of writing a screenplay.</p> <p>3. To develop students' awareness of a range of film and TV genres.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Portfolio (50%) Essay (50%)</p>

5032CRWRI	THE FANTASTIC (20 c) Semester 1	<p><i>Module aim:</i> The module aims to foster students' knowledge and understanding of some key features of the related literary genres of fantasy, horror and science fiction and their associated art forms such as cinema, TV, and graphic arts. Students will develop their imaginative worlds by responding to the conventions of these genres, with the aim of producing effective writing within the range of techniques appropriate to their chosen form.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops, screenings, research and private study.</p>	<p><i>Assessment:</i> Portfolio 3000 Words (70%) Commentary 1500 Words (30%)</p>
5036CRWRI	SHORT STORY ONE (20 c) Semester 1	<p><i>Module aim:</i> 1.To broaden the student's reading across genres and historic periods and to encourage independent reading. 2.To develop the student's awareness of the techniques employed in writing effective prose fiction and to apply those techniques in their own writing. 3.To inspire the student to research and articulate an awareness of the practices of published writers and reflect upon the influence they have on the student's own writing in formal presentations to their peers. 4.To develop the skill of constructively appraising the work of peers and redrafting in response to workshop outcomes.</p>	<p><i>Learning activities:</i> Lectures, Workshops, Private Study (exercises, analysis, original writing). Classroom-based teaching is supported and enhanced by writing forums on the VLE.</p>	<p><i>Assessment:</i> Portfolio (80%) Presentation (20%)</p>

<p>5037CRWRI</p>	<p>DRAMATIC WRITING FOR RADIO AND STAGE (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To enable students to develop an increased awareness of the structural principles of script writing for radio and theatre and to compare and contrast the differences in narrative approach. This will include differences in tone and narrative perspective, the use of sound in broadcast drama and space in staged drama and to explore these in their own work, which will be either a script written for radio or stage. 2.To enable students to develop an increased awareness of the different approaches taken by modern and contemporary radio and theatre dramatists and to explore these conventions in their own writing. 3.To introduce students to radio and theatre scripts through close listening to radio drama and close reading of written and performed materials. 4. To enable students to participate in workshops, to give detailed and constructive feedback on their peers' work and to receive feedback on their own work.</p>	<p><i>Learning activities:</i> Students will analyse radio and theatre scripts closely, concentrating on contemporary and modern radio and theatre dramatists and exploring the use of structural and formal techniques, dramatic form, use of sound and image, and differing approaches to subject matter. They will participate in writing exercises and in workshops, giving and receiving detailed feedback on work and redrafting accordingly.</p>	<p><i>Assessment:</i> Portfolio (70%) Essay (30%)</p>
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6030CRWRI	PROSE PORTFOLIO 1 (20 c) Semester 1	<p><i>Module aim:</i> 1. to further develop the student's ability to write independently, and the need to accept responsibility for the development of a writing portfolio;</p> <p>2. to further increase through independent reading and writing the student's ability to synthesise the techniques taught in Levels 4 and 5;</p> <p>3. to further develop the ability to write to deadlines, maintaining a sense of focus on perfecting a portfolio;</p> <p>4. to acquire an understanding of the profile-raising strategies a contemporary author may deploy;</p> <p>5. to develop further the students' quality of contribution.</p>	<p><i>Learning activities:</i> Workshops, private study, social media use.</p>	<p><i>Assessment:</i> Reflection & Presentation (30%) Portfolio (70%)</p>
6033CRWRI	THE WRITER AT WORK (20 c) Semester 1	<p><i>Module aim:</i> 1. To enable students to acquire vital work-based learning skills around the world of freelancing and the life of a freelance writer.</p> <p>2. To develop students' abilities to devise and develop work-based learning project with all the personal and professional development of skills which this will entail.</p> <p>3. To help students identify organisations and companies who might employ writers for freelance or community roles and develop students' understanding of where they could fit within such organisations.</p> <p>4. To equip students with professional experience and contacts which will have a positive impact on their potential employability after graduation.</p>	<p><i>Learning activities:</i> Students will receive direct instruction, guest-lectures from industry experts, as well as tutorials and group-troubleshooting sessions; the main activities will centre around each student's own individual project which they will record in a plan and for which they will produce a case-study of an organization prominent in a related field.</p>	<p><i>Assessment:</i> Reflective Research Essay (70%) Essay - Proposed Plan (30%)</p>

6035CRWRI	<p>POETRY WRITING WORKSHOP : ADVANCED POETRY 1 (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To continue student's development as poets, building on the accrual of skills in Levels 4 and 5, bringing in techniques learned in other genres and disciplines, enabling students to build a cohesive body of work ready for professional publication and submissions. 2. To enable students to begin to frame their own poetic practice within an idea of 'poetics' or a theory of their own poetic 'voice' and pursuits; considering not just what they write but why and how they write it. 3. To introduce students to a wide range of International poetry and engage them within the professional world of poetry through masterclass workshops and guest-poet readings. 4. To encourage and facilitate students' involvement in peer-led critiquing workshops to improve their editorial, close-reading and communication skills.</p>	<p><i>Learning activities:</i> Students will analyse poems and critical discussions, with a deep focus on contemporary poetry (that published within the 21st century and the latter half the 20th century); through tutor led discussions of critical texts and peer-focused discussions of students' own work, students will consider how poems are best constructed, edited and redrafted. They will undertake writing exercises and go on site-visits to galleries, museums and other sites of cultural interest to further enhance the learning experience.</p>	<p><i>Assessment:</i> Portfolio (70%) Essay (30%)</p>
6040CRWRI	<p>Advanced Scriptwriting (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To allow students greater time and depth of study in further developing practical applications of script development. 2. To facilitate the production of a treatment package for a 30-45 minute screen, radio or stage play.</p>	<p><i>Learning activities:</i> Lectures, Seminars & Workshops. During this module, students will view and examine in detail relevant materials such as short films, feature film clips, radio and stage play clips, scripts and treatments. Students will be encouraged to add further to their technical proficiency in scriptwriting techniques through practice and experiment. Students will be required to bring in draft work to be read out and discussed in a critically constructive manner.</p>	<p><i>Assessment:</i> Planning Portfolio (60%) Reflective Commentary (20%) Report & Verbal Pitch (20%)</p>

7020SW	<p>Discovering the Screen as a Writer (30 c) Semester 1</p>	<p><i>Module aim:</i> 1) To introduce and practice creative, formal, research and technical skills appropriate to Screenwriting at Masters level 2) To gain a understanding of the difference between writing for different mediums 3) To identify and develop an original and creative voice as writers 4) To emphasize the importance of presenting work to professional standards to the creative writing process 5) To initiate a comprehensive understanding of scriptwriting and screenwriting techniques that enriches and advances their creative work 6) To create reflection on their creative choices as writers and the significance behind them</p>	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, wider reading independently and the discipline of writing regularly</p>	<p><i>Assessment:</i> Portfolio 1 (40%) Portfolio 2 (40%) Essay (20%)</p>
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7020WRIT	<p>Foundation: Reading as A Writer (30 c) Semester 1</p>	<p><i>Module aim:</i> 1) To introduce and practice creative, formal, research and technical skills appropriate to Writing at Masters level, in particular the techniques of contemporary writers and to relate their own reading to their writing 2) To identify and develop an original and creative voice as writers. 3) To acquire a practical and analytical knowledge of writerly techniques sufficient to inform complex, creative composition and problem solving. 4) To emphasise the importance of presenting work to professional standards and accuracy and editing to the creative writing process. 5) To initiate a comprehensive understanding of techniques applicable to research that enriches and advances their creative work. 6) To establish and practise skills of scholarly presentation, organisation communication, documentation and evaluation 7) To demonstrate a critical awareness of writerly commentary, especially that which shapes or generates current writing.</p>	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, the residences and visits from established writers and producers and expert tutors; wider reading and the habit of writing regularly and independently</p>	<p><i>Assessment:</i> Essay 2 - 1000 words (10%) Essay 1 - 2500 Words (50%) Portfolio (40%)</p>
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7022SW	Writing the Feature Film (30 c) Semester 1	<p><i>Module aim:</i> 1) To further develop research abilities, in particular in how to broaden one's writing craft in order to have dramatic stories with a high level of realism or detail</p> <p>2) To employ specific and highly focused research in order to give an original and accomplished presentation</p> <p>3) To further expand workshopping and feedback insights on peers' work</p> <p>4) To expand to writing works that are considerably more substantial in length</p> <p>5) To increase understanding of what makes for effective screenwriting</p> <p>6) To incorporate narrative theory on feature film writing into their own creative work</p>	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, wider reading independently and the discipline of writing regularly.</p> <p>There will be a focus on research and how it can enrich students' writing.</p>	<p><i>Assessment:</i> Presentation (25%) Portfolio - Draft (50%) Portfolio - Research (25%)</p>
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7022WRIT	<p>Defining a Writer's Identity: New Technologies and the Marketplace (30 c) Semester 1</p>	<p><i>Module aim:</i> 1. To deepen understanding and develop practice of the creative formal and technical skills by acquainting students with the technological side of the writing industry and train them in the relevant skills (see outline syllabus) 2. To aid students in the creation and maintenance of a web 3. To foster and emphasise the identification of an original and creative voice as writers by creating sites that will serve as a platform their own writing and acquaint other users with the MA Programme. 4. To encourage students in contemporary research methods and electronic communication and to access resources for writers on the World Wide Web, such as publishers' sites, anthologies of news writing, news of competitions and festivals, writers' magazines, reviews and interviews, university library catalogues, language usage archives, author sites, group sites , on-line writing labs, social networking sites and other internet developments. 5. To demonstrate a critical awareness of the Internet's potential and disadvantages for writing, promotion and research. 6. To develop advanced skills of pitching and presentation informed by practice at the forefront of the profession. 7. To continue creating and improving written work through exercises as preparation for the following semesters</p>	<p><i>Learning activities:</i> While original creative work is not submitted for assessment in this module, students will continue to produce and develop such projects with respect to the following semesters.</p>	<p><i>Assessment:</i> Artefact (50%) Essay (10%) Presentation (40%)</p>
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Criminal Justice

4015LAWCJ	Personal and Academic Development in Criminal Justice (10 c) Semester 1	<i>Module aim:</i> This module aims to aid and support students in their learning process and personal development as undergraduate students. During this module students will have the opportunity to develop essential academic skills.	<i>Learning activities:</i> Lectures Online podcasts Online assessments Essay Critical Reflection	<i>Assessment:</i> 2000 words essay (90%) Self Awareness Statement (10%)
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4016LAWCJ	History of Crime and Criminal Justice (20 c) Semester 1	<p><i>Module aim:</i> This module provides an introduction to the history of crime and crime control. It aims to provide the historical background that is essential for an understanding of contemporary criminal justice, and examines the historical context for current criminological debates. The module encourages students to begin to think critically about the history of crime and criminal justice and provides an introduction to historical sources and methodology, as well as an analysis of the background to contemporary debates. It aims to investigate the social and historical contexts of crime and criminal justice and explain how changes in society, over various historical periods, have moulded the criminal justice system of the time. More specifically, it will relate the changes in crime, criminality and criminal justice to the larger social, legal, economic and cultural changes which resulted from industrialisation, capitalisation and urbanisation in the 18th and 19th centuries. In addition, it aims to demonstrate the transformation and convergence of criminal justice systems during these two crucial centuries. As well as charting the changing definitions of crime, order and justice, this module aims to demonstrate how changes in criminal law and penal practice were related to the changing values of society and to illuminate society's wider attitudes and fears about criminal behaviour and the way in which these influenced the law and legal system over time. It will trace the development of the western system of prisons, police organisations, administrative and legal hierarchies of social control and chart the changing practice of punishment in Western society and the origins and development of policing. Finally, this module aims to explore a number of historiographical debates which have arisen in the interpretation of criminal justice</p>	<p><i>Learning activities:</i> Lectures Seminars Self-directed study</p>	<p><i>Assessment:</i> 2 hr exam (50%) 2000 word book review (50%)</p>
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		history and to distil the current state of historical scholarship regarding crime and its social control.		
4017LAWCJ	Criminal Justice Process (20 c) Semester 1	<i>Module aim:</i> To explore the social construction of crime To examine the aims and values of the criminal justice process in England and Wales To explore the various stages of criminal justice from policing to punishment To examine the impact of the criminal justice process	<i>Learning activities:</i> Lectures: large group sessions in which all students will receive key information on the issues covered related to the module including what is crime, and key contemporary issues with regard to the police, courts and punishment. Self study: students will be expected to undertake self study and wider reading outside of lectures. This is in order to get the most out of lectures, to prepare for the assessment and to reach their full potential in this module.	<i>Assessment:</i> Positional Statement One (50%) Positional Statement Two (50%)
4018LAWCJ	An Introduction to Criminal Justice Policy (10 c) Semester 1	<i>Module aim:</i> 1. To understand the theoretical and practical issues relating to policy formation 2. To demonstrate a critical insight into the development of criminal justice policy 3. Apply this understanding to various aspects of criminal justice 4. Critically appraise existing approaches to policy evaluation and analysis	<i>Learning activities:</i> 12 lectures 12 seminars	<i>Assessment:</i> 10 minute group presentation (100%)
5017LAWCJ	New Directions in Criminological Theories (20 c) Semester 1	<i>Module aim:</i> This course requires students to critically consider the innovative ways in which criminology theory is used today in the policy and practice of criminal justice. Students must demonstrate an ability to build upon introduction to criminological theory from level 4 and apply those understanding to contemporary criminal justice	<i>Learning activities:</i> Lectures Workshops Presentation Critical Reflection Note Taking Time Management PowerPoint skills Group work	<i>Assessment:</i> 25 minute Group Presentation (100%)

5019LAWCJ	Decision Making in Criminal Justice (20 c) Semester 1	<p><i>Module aim:</i> To build on students knowledge of the decision making process in criminal justice in England and Wales To theorise decision making processes To explore the role of risk in the decision making process To examine the decision making process via criminal justice case studies</p>	<p><i>Learning activities:</i> Lectures: large group sessions in which students will receive key information on the issues covered in the module relating to the decision makers and the decision making process in criminal justice in England and Wales. Self study and preparatory work: students will be expected to undertake self study and preparatory wider reading outside lectures. This is in order to get the most out of the module, to prepare them for their assessment and to enable them to reach their full potential.</p>	<p><i>Assessment:</i> 4500 words Case Study (100%)</p>
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5020LAWCJ	Professional Development in Criminal Justice (20 c) Semester 1	<p><i>Module aim:</i> To provide students with the ability to develop self-awareness and identify skills to improve their employability in criminal justice and allied areas. To provide students with an understanding of the relationship between theory, policy and the experience of practice in various criminal justice agencies. To enable students to integrate the link between theory, policy and practice. To provide students with an opportunity to engage in the WoW process</p>	<p><i>Learning activities:</i> Direct teaching Group discussions Role play Reflection Individual written and presentation skills Visiting speakers Individual work Case studies</p>	<p><i>Assessment:</i> Reflective Portfolio (50%) Interview (50%)</p>
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5025LAWCJ	Exploring Forensic Psychology and Criminal Justice (20 c) Semester 1	<p><i>Module aim:</i> 1) To explore in further detail the relationship between Forensic psychology and Criminal Justice</p> <p>2) To critically analyse the role of the Forensic Psychology in the modern Criminal Justice System by drawing on the latest research from a variety of areas of psychological study.</p> <p>3) To explore in depth the legal assumptions about human nature that underlie legal procedures and practices from a psychological perspective.</p> <p>4) To explore key concepts in modern psychological research, and their influence on key contemporary issues in Crime and Criminal Justice</p>	<p><i>Learning activities:</i> Lectures Workshops Independent learning Note taking Discussion</p>	<p><i>Assessment:</i> essay (60%) Report (40%)</p>
6008LAWCJ	Contemporary Issues in Penology (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically assess the nature and purpose of legitimacy, law and risk</p> <p>2. Critically examine contemporary issues in penology</p> <p>3. Explore the ability of the Criminal Justice system to respond to the complex needs of offenders in community and custodial settings</p> <p>4. Evaluate the relative strengths and weaknesses of progressive alternatives in penology</p>	<p><i>Learning activities:</i> * attendance and participation in lectures and seminars * group work, note-taking, research / reading and active response to feedback * preparation for assessment including weekly note-taking on the literature * use of virtual learning environment (Blackboard)</p>	<p><i>Assessment:</i> 4,500 words essay (100%)</p>

6009LAWCJ	Policing (20 c) Semester 1	<p><i>Module aim:</i> The overall aim of the course is to develop a more meaningful understanding of the police as an organisation and to critically explore the role policing plays within wider understandings of crime and criminology. The course seeks to help students develop a critical appreciation of the historical and conceptual development of modern policing, evaluate notions of contemporary police work and explore future challenges for service provision. The lectures, seminar exercises and reading for the course will encourage engagement with competing understandings of policing and will seek to prompt students to begin to critically analyse learning material. Placing the police within their appropriate socio-political context will also ensure students develop a full appreciation of the dynamic and multi-faceted challenges facing the workings of one of the key institutions of criminal justice.</p>	<p><i>Learning activities:</i> Lectures Seminars Self-directed study</p>	<p><i>Assessment:</i> 2500 word essay (50%) 2 hour exam (50%)</p>
6011LAWCJ	Crimes of the Powerful (20 c) Semester 1	<p><i>Module aim:</i> - To critically analyse the social construction and various definitions of crime. - To critically analyse the relationship between these definitions and the various sources of power within society, on both a national and an international level. - To consider critically the crimes that can occur as a result of imbalances of power within society, on the micro, mezzo and macro societal levels. - To critically analyse the ways in which the criminal justice process responds to different types of crimes of the powerful.</p>	<p><i>Learning activities:</i> Lectures and workshops Workshops Advanced academic writing Critical Reflection Critical Analysis Note Taking</p>	<p><i>Assessment:</i> 4500 words essay (100%)</p>

7042LAWCJ	<p>Researching Crime and Criminal Justice (30 c) Semester 1</p>	<p><i>Module aim:</i> To prepare students for the compulsory dissertation on the MA Criminal Justice course. To enable students to develop an advanced and critical knowledge of the key ontological, epistemological and methodological issues that impact upon research into crime and criminal justice. To consider and demonstrate a critical appreciation of the particular research theories, and methods of data collection and analysis, which researchers use to study crime and criminal justice. To examine and demonstrate advanced and critical understanding of issues relating to the politics and ethics of crime and criminal justice research. To examine and demonstrate advanced and critical understanding of practical issues which can affect research into particular aspects of crime and criminal justice.</p>	<p><i>Learning activities:</i> Teaching sessions (containing lecture and interactive seminar elements)- oral interaction and note-taking Self-directed study based upon critical reflection on course materials provided, as well as wider reading, as preparation for participation in teaching sessions Preparation for the different components of the written module assessment, using the two activities described above Dedicated assessment guidance Built environment into the teaching programme</p>	<p><i>Assessment:</i> Methodological Review (30%) SPSS Report (20%) Research Proposal (50%)</p>
7043LAWCJ	<p>Key Contemporary Issues in Criminal Justice (30 c) Semester 1</p>	<p><i>Module aim:</i> To develop advanced knowledge and critical understanding of specific issues relating to the principles and practice of criminal justice in England and Wales. To develop advanced and critical awareness of social issues which have an impact on the operation of criminal justice in England and Wales.</p>	<p><i>Learning activities:</i> Students will be assigned a topic from the list below, for which they will have to prepare an assessed 20-minute presentation. They will be allocated an individual supervisor, who will advise and guide them through the preparation and presentation period. Following the teaching session, the student will be provided with formal written feedback, which they should take into account in completing the final part of the assessment, which is written report of their findings.</p>	<p><i>Assessment:</i> 5000 word essay (70%) Presentation (30%)</p>

Criminology

4100CRIM	Introduction to Criminological Theory (20 c) Semester 1	<p><i>Module aim:</i> 1. Introduce students to a core of key theoretical perspectives within criminology.</p> <p>2. Encourage students to reflect upon the ways in which different theoretical strands have attempted to explain crime and criminal behaviour.</p> <p>3. Foster an understanding of the reasons for these differences and similarities between different theoretical approaches.</p>	<p><i>Learning activities:</i> Lectures, note-taking, participatory reading, small group discussions.</p>	<p><i>Assessment:</i> Theory Workbook (1800 words) (30%) Seen Exam 2hrs (70%)</p>
4101CRIM	Criminology into Action (20 c) Semester 1	<p><i>Module aim:</i> 1. To allow students to appreciate the requirements of studying at HE level within the context of the Criminology programme and to acquire such skills in a supportive environment and module structure.</p> <p>2. To provide induction into use of Library, JMU intranet, Blackboard and other key aspects of studying at LJMU.</p> <p>3. To encourage students to engage with the development of employability skills by completing a self-awareness statement.</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive seminars within personal tutor groups, and will also combine lectures and visits from relevant guest speakers from University services. Teaching will also be supported by tutorial drop-in sessions.</p>	<p><i>Assessment:</i> Essay (1,500 words) (45%) Portfolio (2,000 words) (45%) Self Awareness (10%)</p>

4102CRIM	Inside the Criminal Justice System (20 c) Semester 1	<p><i>Module aim:</i> 1. Introduce students to the social and historical development of the main institutions of the 'criminal justice system'.</p> <p>2. Introduce students to the governance, roles and structure of agencies involved in crime control, adjudication and sentencing.</p> <p>3. Introduce students to the main forms of out-of-court disposal, sentence, critiques and possible alternatives.</p> <p>4. Introduce students to the concept of discretion in relation to justice processes, including issues of discrimination and diversity.</p>	<p><i>Learning activities:</i> Lectures will be used to provide an overview of each topic. The lectures will be delivered by the course team and, where appropriate, guest speakers with particular expertise in aspects of the curriculum. Seminars will be used as a space for students to explore and discuss issues in more depth in small groups. Students will be expected to engage in self-directed learning to develop their knowledge of the field and to prepare for lectures and seminars. To facilitate this, we will offer the option of a preparation workshop in the lecture space where students can complete set weekly reading with access to the teaching team.</p>	<p><i>Assessment:</i> Exam (1 hr) (30%) Portfolio (2,500 words) (70%)</p>
5100CRIM	Advanced Criminological Theory (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically analyse contemporary critical criminological explanations of 'crime', harm, deviance and social control.</p> <p>2. To explore the emergence of critical theories within their socio-economic, political and historical contexts.</p> <p>3. To evaluate the strengths and weaknesses of critical criminological perspectives alongside identifying continuities and discontinuities between them.</p>	<p><i>Learning activities:</i> Note-taking, reading, small group discussion and contribution to seminars, preparation, planning and writing of assessed work including library research.</p>	<p><i>Assessment:</i> Exam (1.5hrs) (40%) Portfolio (3,000 words) (60%)</p>
5102CRIM	The Politics of Social Control (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically explore the concept of social control and its relevance to criminology.</p> <p>2. To develop critical thinking in relation to historical and contemporary modes of social control.</p> <p>3. To critically examine the criminal justice system through the lens of social control theories.</p>	<p><i>Learning activities:</i> Lectures, seminars, small group activities and directed learning tasks.</p>	<p><i>Assessment:</i> Essay (2,500 words) (50%) Case Study (2,500 words) (50%)</p>

5104CRIM	Local and Global Criminology (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically explore local and global dimensions and ‘sites’ of crime, social and ecological harm and social control.</p> <p>2. To develop a critical understanding of how these are constructed, managed and responded to.</p> <p>3. To comparatively explore how the global/local nexus differentially situates crime and social/ecological harms and the ways in which boundaries between crime control and civil liberties are being redrawn.</p>	<p><i>Learning activities:</i> Lectures, workshops, Tutorials.</p>	<p><i>Assessment:</i> Poster (30%) Essay (2,500 words) (70%)</p>
5107CRIM	Qualitative Research Methods (20 c) Semester 1	<p><i>Module aim:</i> After completing this module students should be able to:</p> <p>1. Demonstrate an understanding of a range of qualitative research methodologies.</p> <p>2. Critically assess ethical issues in respect of qualitative research.</p> <p>3. Appraise and practise key qualitative techniques, such as interviewing and facilitating focus groups.</p> <p>4. Analyse qualitative data.</p> <p>5. Present qualitative data and findings carefully and with due regard to ethical and procedural standards.</p>	<p><i>Learning activities:</i> 1. Attend lectures and workshops 2. Gain practical experience of qualitative techniques 3. Complete coursework tasks</p>	<p><i>Assessment:</i> Portfolio (100%)</p>

6100CRIM	Dissertation: Proposition and Development (20 c) Semester 1	<i>Module aim:</i> 1. Develop a systematic understanding of the literature relevant to the object of study 2. Critically evaluate the theoretical literature in the chosen area with respect to its relevance to the object of study 3. Explore the epistemological, methodological and ethical underpinnings of the study	<i>Learning activities:</i> Lectures, note taking, one-to one supervision meetings, structured activity arising from the feedback in supervision meetings, structured use of library and other research resources,	<i>Assessment:</i> Dissertation Proposal (100%)
6102CRIM	Interchange: Working with Communities (20 c) Semester 1	<i>Module aim:</i> 1. To negotiate and plan a community-based learning project with a local Voluntary & Community Organisation (VCO); 2. To identify and critically evaluate appropriate literature of relevance to the project; 3. To explore practical issues of ethics, access and methodologies.	<i>Learning activities:</i> Students will be expected to negotiate a learning agreement with a VCO and consult the organisation as part of the process of developing their project proposal. They will be allocated an academic supervisor. The module is supported by workshops and tutorials that help focus the student on identifying and overcoming practical challenges, such as obtaining ethical approval and planning fieldwork.	<i>Assessment:</i> Project Plan (4,500 words) (100%)
6104CRIM	Eco-Global Crime and Harm (20 c) Semester 1	<i>Module aim:</i> 1. To explore the nature and recognise and significance of "green" or "environmental" crime and harm, and relate these to social movements and inequalities. 2. To critically evaluate the dominant approaches to conceptualising and theorising "green" or "environmental" crime and harm. 3. To critically evaluate the role of key actors in preventing and responding to "green" or "environmental" crime and harm.	<i>Learning activities:</i> Lectures, workshops, Tutorials, group and in-class discussion, planning, preparation and delivery of a poster presentation, case study.	<i>Assessment:</i> Poster (30%) Essay/Case Study(2,500 words) (70%)

6107CRIM	Police, Power and Social Order (20 c) Semester 1	<i>Module aim:</i> 1. To critically consider police power and its relationship to ideas of social and political order and disorder. 2. To explore the origins of police, considering the development, expansion and transformation of policing in domestic, colonial and international settings. 3. To critically examine the policing of a range of marginalized, minority and dissenting/dissident populations.	<i>Learning activities:</i> Lectures, workshops, Tutorials, small group activities and directed learning tasks	<i>Assessment:</i> Essay (2,500 words) (50%) Exam (2 hrs) (50%)
6108CRIM	Drugs, Intoxication and Society (20 c) Semester 1	<i>Module aim:</i> 1. To understand the social, historical and political constructions of matters related to drugs and intoxication. 2. To engage critically with on-going debates about drug control in local and international contexts. 3. To situate knowledge surrounding drugs and intoxication in their wider social/historical/political contexts, offering evidenced-based solutions to identified problems wherever possible.	<i>Learning activities:</i> Lectures, Tutorials, and Directed Learning Tasks.	<i>Assessment:</i> In Class Test (1.5 hrs) (30%) Essay (3,500 words) (70%)
6109CRIM	Children and Young People 'at Risk' (20 c) Semester 1	<i>Module aim:</i> 1. To critically explore the contemporary principles and perspectives surrounding children and young people 'at risk' in various contexts. 2. To assess how these principles and perspectives inform legal, policy and practice responses to children and young people 'at risk'. 3. To interrogate the debates that surround contemporary responses to children and young people 'at risk'.	<i>Learning activities:</i> Lectures/workshops and tutorials. The teaching for this module will be delivered predominantly by interactive lectures and workshops held by the module team and guest speakers with academic or practice knowledge in the topics outlined in the syllabus. This will be supported by tutorial drop-in sessions.	<i>Assessment:</i> Report (4,500 words) (100%)

6114CRIM	Children and Young People in Conflict with the Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore current legal, policy and practice responses to young people in conflict with the law, with a focus on England and Wales</p> <p>2. To explore and critically analyse a range of theoretical perspectives used to study responses to young people in conflict with the law</p> <p>3. To interrogate specific critical issues and questions that surround responses to children and young people in conflict with the law nationally and internationally</p>	<p><i>Learning activities:</i> Lectures, seminars, supported preparation workshops, guest speakers, drop-in one-to-one tutorials.</p>	<p><i>Assessment:</i> Exam (2 hrs) (50%) Essay (2,500 words) (50%)</p>
6118CRIM	Criminology Work Placement 1 (20 c) Semester 1	<p><i>Module aim:</i> This module aims to enable students to develop, apply and analyse the knowledge, skills and attitudes necessary to effectively and successfully secure a Criminology related work placement.</p>	<p><i>Learning activities:</i> Students will be expected to negotiate a Criminology related work placement with a local employer/organization and to agree work placement objectives in association with the workplace provider and their academic supervisor. The module is supported by workshops and tutorials that help focus the student on identifying, overcoming and reflecting on challenges, such as negotiating work placement access and undertaking work based learning.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>

Dance

4261SSLN	Choreography & Performance 1 (10 c) Semester 1	<i>Module aim:</i> The module aims to introduce students to a variety of methods for choreography and performance.	<i>Learning activities:</i> Creative laboratories Workshops Forums	<i>Assessment:</i> Practical (100%)
4263SSLN	Dance Techniques & the Physical Body 1 (20 c) Semester 1	<i>Module aim:</i> This module aims to provide the opportunity for students to explore the principles of dance technique, and to apply a physical understanding of safe dance practice.	<i>Learning activities:</i> Practical sessions Lectures Tutorial	<i>Assessment:</i> Continuous Assessment (50%) Practical (50%)
4265SSLN	Dance Perspectives (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the major developments of Western Theatre Dance and their influence on the dance practices of the present day. Introduce approaches to interpreting and articulating ideas about dance as a theatre art.	<i>Learning activities:</i> Lectures Seminars Tutorial	<i>Assessment:</i> Presentation (40%) Essay (60%)
5261SSLN	Reading Dance in Practice (20 c) Semester 1	<i>Module aim:</i> To provide students with opportunities to read dance perceptively and develop the knowledge, skills and understanding to do so in both a theoretical and practical context.	<i>Learning activities:</i> Lectures, workshops, seminars and tutorials. Practical placement/rehearsal scenario.	<i>Assessment:</i> Portfolio (60%) Practical (40%)

5263SSLN	Dance Techniques & the Physical Body 3 (20 c) Semester 1	<i>Module aim:</i> This module aims to provide the opportunity for students to further their exploration and application of knowledge of the physical self through studio practice and theoretical sessions.	<i>Learning activities:</i> Practical sessions Lectures Seminars	<i>Assessment:</i> Practical (60%) Evaluation (40%)
5265SSLN	Performance in Context (20 c) Semester 1	<i>Module aim:</i> To provide students with an opportunity to experiment and further develop their performance and choreographic skills. To engage the students choreographically and through performance in a piece that is suited to a particular context.	<i>Learning activities:</i> Practical workshops Tutorials Sharing platforms	<i>Assessment:</i> Practical (60%) Essay (40%)
6263SSLN	Dance Techniques & the Physical Body 5 (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with the opportunity: To enhance their critical analysis and application of knowledge of the physical self within dance technique. To develop a coherent technical artistry through the acquisition of detailed physical knowledge with theory informing practice.	<i>Learning activities:</i> Practical sessions, lectures, tutorials	<i>Assessment:</i> Practical (60%) Critical analysis & reflection (40%)
6265SSLN	Projects@LJMU (20 c) Semester 1	<i>Module aim:</i> To establish project-based opportunities led by professional mentors which allow students to work in a variety of roles within a professional context. To further develop and establish an artistic identity as a dance maker/performer/facilitator through the collaborative research partnership with the professional mentor.	<i>Learning activities:</i> Work-related learning Practical workshops Seminars Performances forums and platforms presentations Field work	<i>Assessment:</i> Creative Project (50%) Practical (50%)

6269SSLN	Current Perspectives in Dance (10 c) Semester 1	<i>Module aim:</i> To provide opportunities for students to discuss, debate and sustain arguments involving current issues of social, educational, artistic and political relevance to the dance industry and to be able to apply that knowledge in order to critically analyse a selected issue.	<i>Learning activities:</i> Lectures Seminars Tutorial Private study	<i>Assessment:</i> Essay (100%)
7200SSLN	Research Methods (30 c) Semester 1	<i>Module aim:</i> This module aims to equip students with the conceptual frameworks and the learning skills necessary to perform successfully at Master's level. It will encourage students to identify and critically evaluate appropriate research methodologies for their own research	<i>Learning activities:</i> The module will be delivered using a series of online lectures, face-to-face lectures, a workshop and supported by student-led seminars. Students will have the opportunities for one-to-one tutorials to support assessment preparation.	<i>Assessment:</i> Portfolio (30%) Poster Presentation (70%)
7202SSLN	Dance Professional Practice 1 (30 c) Semester 1	<i>Module aim:</i> This module aims to provide students with the opportunity to follow their own investigation into dance making; to interrogate their own creative practice and define their individual focus of artistic endeavour.	<i>Learning activities:</i> Practical sessions dominate the module enabling students to explore and experiment choreographic forms, devices and improvisational strategies. Lectures and shared choreographic laboratories will lead students to develop observational and evaluative skills.	<i>Assessment:</i> Choreographic Project (70%) Presentation (30%)

Data science

7010DATSCI	Introduction to Data Analytics (20 c) Semester 1	<i>Module aim:</i> The module aims to provide an introduction to students from differing academic disciplines to the key concepts of data compilation, management, querying, cleaning and visualisation.	<i>Learning activities:</i> Lectures Directed Reading Supervised Computer Lab activities Unsupervised Lab activities / Homework	<i>Assessment:</i> Written Assignment (30%) Computer Assignment (70%)
7011DATSCI	Statistical Methods in R (20 c) Semester 1	<i>Module aim:</i> The module aims to provide an introduction to students from differing academic disciplines to key concepts in statistics and statistical computing using the R programming language, with an emphasis on the informed interpretation of the results of statistical testing.	<i>Learning activities:</i> Lectures Directed Reading Computer Exercises	<i>Assessment:</i> Computer Exercises (100%)
7012DATSCI	Big Data Computing (20 c) Semester 1	<i>Module aim:</i> The module aims to develop skills in modern computing techniques for high performance analysis of large data sets and an understanding of how to translate an analysis problem to best exploit such techniques.	<i>Learning activities:</i> • Lectures • Computer based exercises • Directed Reading	<i>Assessment:</i> In-class test (30%) Design a big data system (70%)

Drama

4021DRAMA	Theatre Cultures (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to a variety of theatres and performance texts and styles, exploring the role, function and operation of theatre within a specific cultural context. 2. To introduce students to methods of explaining and understanding live theatre performances 3. To introduce students to standard academic practice in written presentation	<i>Learning activities:</i> Lecture, seminars, theatre visits	<i>Assessment:</i> Essay - 2000 words (40%) Presentation - Group (60%)
4022DRAMA	Spontaneous Theatre (20 c) Semester 1	<i>Module aim:</i> 1. To provide a collaborative and co-operative context in which to explore the creation of spontaneous drama through the introduction of the skill of improvisation 2. To provide a collaborative and co-operative context in which to explore drama as a means of communication for the individual and the group. 3. To introduce and develop appropriate evaluative and analytical skills.	<i>Learning activities:</i> Games and exercises to stimulate the imagination and develop creative and performative skills Workshops to develop group coherence, trust and creativity. Small scale group and solo work Seminars, discussion and feedback on relevant concepts and methodology	<i>Assessment:</i> Performance (80%) Viva (20%)
4026DRAMA	Acting Skills (20 c) Semester 1	<i>Module aim:</i> 1. Awareness and experience of acting methodologies 2. Potential for using movement and vocal techniques in theatrical performance 3. Acting and interpretative skills in rehearsal and performance	<i>Learning activities:</i> Workshops, seminars, tutorials, rehearsals	<i>Assessment:</i> Performance (80%) Self Awareness Statement (10%) Written reflection (10%)

5022DRAMA	Page to Stage - Reading the Play (20 c) Semester 1	<i>Module aim:</i> 1. The use of written texts to create performance of scripted drama 2. The use of critical analysis and interpretation in the close reading of scripted drama 3. The use of group processes in the practical realisation of scripted drama.	<i>Learning activities:</i> Readings of plays, critical texts, screenings of films, DVD's, online recordings, lectures, group research projects, discussions of theoretical readings, seminars and workshops.	<i>Assessment:</i> Researched Performance (100%)
5024DRAMA	Options in Practice (20 c) Semester 1	<i>Module aim:</i> 1. To study a Drama specialism and research the theory and practice of the chosen genre 2. To contextualise the specialism culturally, societally and historically 3. To critically review the practical performance in the context of relevant theory	<i>Learning activities:</i> Lectures, Seminars, Tutorials, Group practical work	<i>Assessment:</i> examples of theory in practice (70%) Tutorial (30%)
5029DRAMA	Technical Theatre (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to the technical and design aspects of theatre production. 2. To develop technical theatre skills, and thereby develop an understanding of the aesthetic contribution made by these skill areas. 3. To apply technical theatre skills to the demands of particular texts and/or performance projects. 4. To develop organizational and problem-solving skills.	<i>Learning activities:</i> Lectures, workshops, seminars and tutorials	<i>Assessment:</i> Tech task - sound and lighting (50%) Portfolio (50%)

6022DRAMA	Directing the Play (20 c) Semester 1	<i>Module aim:</i> 1. To engage students in the interpretative production vocabularies of directing for the theatre 2. To introduce students to a range of approaches, strategies and skills associated with directing scripted texts 3. To foster the development of students' responsibility, confidence and creative techniques in the practice of theatre direction	<i>Learning activities:</i> Lectures, workshops, seminars, tutorials, rehearsal	<i>Assessment:</i> Direction (100%)
6026DRAMA	Festival Planning (10 c) Semester 1	<i>Module aim:</i> 1. To introduce students to practical and conceptual considerations of running and organising a drama festival 2. To develop students' ability to operate and think reflexively, creatively, critically and technically to develop ideas and construct arguments 3. To develop students' ability to work collectively and negotiate with each other	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Essay - 2500 words (100%)
7001MT	Research Methodology and Proposal (20 c) Semester 1	<i>Module aim:</i> 1. Acquire and apply a developed understanding of research methodologies and connected methods in designing practice as research; 2. Explore and examine the principles of testing ideas through practice in a workshop setting; 3. Create a proposal for a personal research project aiming to test theoretical construct or working process in creative practice.	<i>Learning activities:</i> Lectures, Seminars.	<i>Assessment:</i> Research Proposal (100%)

7002MT	Critical Perspectives and Repertoire (20 c) Semester 1	<i>Module aim:</i> 1. Acquire and apply a range of critical perspectives on the analysis of musical theatre and how it works; 2. Make detailed analysis of selected musical theatre primary source material in the form of 'text' or performance;	<i>Learning activities:</i> Lecture, Seminar	<i>Assessment:</i> Case Study (100%)
7003MT	Musical Theatre Laboratory 1 (Crafts) (20 c) Semester 1	<i>Module aim:</i> 1. To understand a range of working principles and criteria as control in applying specific crafts in the creation and performance of musical theatre; 2. To acquire enhanced technical vocabularies and understanding of the specific crafts involved in the creation and performance of musical theatre and how they work together. 3. To develop and present a comprehensive understanding of one or more identified crafts through practice 4. To develop the key skills in using practice as means to test ideas or to explore specific challenges in the creation and performance of musical theatre	<i>Learning activities:</i> Seminar, Workshop	<i>Assessment:</i> Performance (100%)

Education

4201ECS	Holistic Child Development (20 c) Semester 1	<i>Module aim:</i> To develop students' knowledge of a range of theoretical approaches and perspectives on early childhood development. Specifically, students will acquire an understanding of the developmental influences on the individual child within the wider context, considering the circumstances and environment that impact on child development.	<i>Learning activities:</i> Lectures, Workshops, Group and Individual Tutorials, Blackboard Activities, Work-based/practice-based activities, Independent Study,	<i>Assessment:</i> Test (100%)
4201EDSTUD	Learners and Learning in Contemporary Society (20 c) Semester 1	<i>Module aim:</i> To introduce students to key concepts about how people learn To engage students in key debates relating to the psychology of education	<i>Learning activities:</i> The module will be taught via a combination of lectures and seminars. Lectures are intended to introduce students to the key research and ideas in relation to a particular topic, with seminars providing a forum for discussion, debate and activities to explore the topic further. Active engagement in seminars will be encouraged, including group work and mini-presentations, and weekly reading will be provided to accompany each topic.	<i>Assessment:</i> Group Presentation (50%) Individual Essay (50%)
4202ECS	Early Childhood Studies; Student Inquiry (Part 1) (20 c) Semester 1	<i>Module aim:</i> To enable students to explore and build understanding of the multi-disciplinary nature of Early Childhood Studies and differing perceptions and perspectives on babies, young children and childhood.	<i>Learning activities:</i> Lectures, seminars, peer learning groups, individual tasks, exercises and work, observations, Blackboard activities, reading, private study and research.	<i>Assessment:</i> Portfolio of Tasks (90%) Self Awareness (10%)

4203ECS	Pedagogical Approaches (Part 1) - Working with Babies, Young Children and Families (20 c) Semester 1	<i>Module aim:</i> To introduce students to the philosophical and practical ideologies associated with key historical pioneers. This introduction will support an awareness of the need to recognise and challenge inequalities in society and to embrace an anti -bias approach when working with babies, young children and their families.	<i>Learning activities:</i> The module will be taught through a combination of lectures, workshops, seminars, tutorials and discussions related to ECS associated field trips. Sessions will focus on the integration of theory and practice and the impact this has upon work with babies, young children and families. The sessions will encourage participative and applied approaches to learning to help students to understand the benefits and limitations of different pedagogical approaches used to support holistic development in early childhood.	<i>Assessment:</i> Referenced Poster (50%) Rationale related to Poster (50%)
4211EDSTUD	Introducing Special and Inclusive Needs (20 c) Semester 1	<i>Module aim:</i> To enable students to explore and build understanding of key concepts and issues relating to their personal motivation to the study and practice of inclusion and disability in ways that will develop and enhance the skills necessary for undertaking independent learning and study in higher education. It will also include opportunities for the development of research/ researcher knowledge and skills and provide an introduction to issues relating to disability, special educational needs and inclusion.	<i>Learning activities:</i> Lectures, seminars, case studies, PLG discussion and group exercises/ work, Blackboard activities, reading, private study and research.	<i>Assessment:</i> Presentation (30%) Essay (60%) Self Awareness (10%)
4212EDSTUD	What is Disability? (20 c) Semester 1	<i>Module aim:</i> This module aims to examine how disability is perceived and addressed within differing contexts of society.	<i>Learning activities:</i> Activities delivered through lectures, Blackboard and student directed activity/reading	<i>Assessment:</i> Essay (50%) Exam (50%)

4221EDSTUD	Introduction to the Study of Education and Early Years (20 c) Semester 1	<i>Module aim:</i> To enable students to explore and build an understanding of key concepts and issues related to the study and practice of early years education in ways that will develop and enhance the skills necessary for undertaking independent learning and study in higher education. It will also include opportunities for the development of research/researcher knowledge and skills and provide an introduction to the issues relating to the early years workforce and reflective practice.	<i>Learning activities:</i> Lectures, seminars, case studies, PLG discussion and group exercises/work, Blackboard activities, independent reading and research and private study.	<i>Assessment:</i> Portfolio (90%) Self Awareness Statement (10%)
4223EDSTUD	Development and Early Learning (20 c) Semester 1	<i>Module aim:</i> To develop students' knowledge of a range of approaches and perspectives on development and learning in the early years.	<i>Learning activities:</i> Lectures, workshops, group and individual tutorials, Blackboard activities, independent reading and research and private study.	<i>Assessment:</i> Exam (100%)
4231EDSTUD	Introduction to Independent Learning (20 c) Semester 1	<i>Module aim:</i> This module aims enable students to gain the skills and confidence necessary to engage with the independent and self-motivated learning required in HE whilst explicitly reflecting on how these methods relate to the broader contexts of mathematics learning and education more generally	<i>Learning activities:</i> Lectures, seminars, guided reading, computer aided investigations, private study	<i>Assessment:</i> Portfolio (90%) Self Awareness (10%)
5201ECS	Deconstructing Child Development (20 c) Semester 1	<i>Module aim:</i> To provide students with an opportunity to deconstruct children's development using an ecological approach.	<i>Learning activities:</i> Lectures, seminars, small group activities, blended learning and debates.	<i>Assessment:</i> Essay (4,500 words) (100%)

5201EDSTUD	Research Approaches & Methods (20 c) Semester 1	<i>Module aim:</i> To prepare students to undertake future dissertation research.	<i>Learning activities:</i> This module will be taught through a combination of lectures, workshop and online study. Topics will be covered in blocks beginning with an introductory lecture followed by workshops involving group work and practical activities. In between those times students will engage with online materials to support their understanding and scaffold their reading and reflection on research issues.	<i>Assessment:</i> Portfolio (100%)
5202ECS	Early Childhood Research (Part 1) - Student Inquiry into Research Methods (20 c) Semester 1	<i>Module aim:</i> To provide students with a knowledge of a range of approaches to researching subjects within Early Childhood Studies and to support preparation for placement in semester two. Students will be supported to understand how their research inquiry from level 4 can be developed for their block placement experience. Students will be supported to write a literature review as a sound foundation for their inquiry into research methods.	<i>Learning activities:</i> Lectures, Workshops, Group Tutorials, Blackboard Activities	<i>Assessment:</i> Report 4,500 words (100%)
5202EDSTUD	Schools and the Curriculum (20 c) Semester 1	<i>Module aim:</i> To enable students to learn about schools, the remit and role of teachers and the key issues in contemporary compulsory education.	<i>Learning activities:</i> Lectures, seminars, workshops, group work, Blackboard activities, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Group Presentation (50%) Written Essay (50%)

5203ECS	Global inequalities and unequal childhoods (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide students with opportunities to explore global inequalities and unequal childhoods in a range of countries. Students will examine complexities of children's' lives globally using key theories and concepts including sociological, philosophical, political-economic and post-colonial theory. This module will enable students to contest and problematize globalised discourses of children's lives with reference to rights, participation and policy.	<i>Learning activities:</i> Lectures Workshops Independent research	<i>Assessment:</i> Artefact (100%)
5211EDSTUD	Disability and Identity (20 c) Semester 1	<i>Module aim:</i> To develop students' awareness and knowledge of the dynamic and changing relationship of identity and disability over the life course. Many contentious, topical, ethical considerations will be debated and critically discussed.	<i>Learning activities:</i> Activities delivered through lectures, online activities, directed reading, Blackboard and student directed activity	<i>Assessment:</i> Report (50%) Essay (50%)
5221EDSTUD	Pedagogy and Practice in Early Years Education (20 c) Semester 1	<i>Module aim:</i> The aim of this module is for students to explore the pedagogy and practice of early education and to become aware of the current issues and debates.	<i>Learning activities:</i> Lectures, seminars, online projects, group and individual tutorials, group exercises/work, Blackboard activities, independent reading and research and private study.	<i>Assessment:</i> Reflection (100%)
6201ECS	Exploring approaches: Working Together to Support Children and Families (20 c) Semester 1	<i>Module aim:</i> To critically analyse the mechanisms that exist in society to support babies, young children and their families, and to encourage students to reflect critically upon concepts, issues, theoretical models and working practices in relation to the complexity of multi-agency working. A review of historical and current policies will support students to engage with examples of professional practices.	<i>Learning activities:</i> Lectures, seminars, small group activities, blended learning, role play, engagement with visiting professionals and whole class debates.	<i>Assessment:</i> Role Play (20 minutes) (50%) Reflection (2,500 words) (50%)

6202EDSTUD	Gender and Ethnicity in Education (20 c) Semester 1	<i>Module aim:</i> The module aims to provide students with the knowledge, skills and understanding to evaluate the impact of gender and ethnicity on educational processes and outcomes.	<i>Learning activities:</i> This module will be taught as a mixture of lectures and seminars where students will be involved in discussing and debating key concepts and ideas.	<i>Assessment:</i> Group Presentation (50%) Written Assessment (50%)
6203ECS	International Approaches; Comparative Early Childhood Education and Care (20 c) Semester 1	<i>Module aim:</i> To develop a critical perspective of the influences on international principles and practice within early childhood work and critically examine and compare systems in a range of countries with reference to global contexts. Issues such as ethnocentric bias in research and practice, reliability and validity of cross national data, will be examined.	<i>Learning activities:</i> Lectures Workshops Independent research and group work	<i>Assessment:</i> Artefact (50%) Rationale (50%)
6205EDSTUD	Parents and Schools (20 c) Semester 1	<i>Module aim:</i> To provide students with an understanding of the benefits and challenges of parental involvement in their children's education and home-school relationships.	<i>Learning activities:</i> Lectures, group work, Blackboard activities, directed reading, independent study and visiting speakers	<i>Assessment:</i> Presentation (50%) Essay (50%)
6211EDSTUD	Inclusion For All: Supporting a Range of Needs (20 c) Semester 1	<i>Module aim:</i> This module aims to develop students' critical understanding of the support available for people with a range of disabilities/ additional needs.	<i>Learning activities:</i> Lectures, group work, Blackboard, visiting speakers, student directed activity	<i>Assessment:</i> Essay (50%) Exam (50%)

6221EDSTUD	National & International Contemporary Issues in the Early Years (20 c) Semester 1	<i>Module aim:</i> The module will enable students to critically examine national and international perspectives and approaches to early year's policy, pedagogy and practice in relation to current issues and debates.	<i>Learning activities:</i> Lectures, workshops, seminars, Blackboard activities, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Group Presentation (50%) Essay (50%)
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6231EDSTUD	Algebra (20 c) Semester 1	<i>Module aim:</i> This module formalises the concepts of axiomatic systems and proofs from axioms, specifically in the context of algebras.	<i>Learning activities:</i> Lectures, seminars, workshops, guided reading, online tasks, independent study	<i>Assessment:</i> Portfolio (50%) Exam (50%)
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7001ECSMA	Philosophies of Early Childhood Education (20 c) Semester 1	<i>Module aim:</i> For students to develop an informed knowledge of different philosophies of early childhood education	<i>Learning activities:</i> Discussions Journaling Practical workshops Directed reading Online research activities	<i>Assessment:</i> Reflection (4500 words) (100%)
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7001EDGLOB	Education, Society and Culture (20 c) Semester 1	<i>Module aim:</i> Critically review the inter-relationship between education, society and culture across a variety of educational contexts	<i>Learning activities:</i> This module will be delivered via a combination of lectures, seminars, small group work, educational visits and tutorials	<i>Assessment:</i> Presentation (30%) Reflective Case Study (70%)
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7003EDGLOB	Education and Globalisation (20 c) Semester 1	<i>Module aim:</i> The course aims to provide students with: A critical understanding of the process of globalisation The ability to critically reflect on the impact of globalisation on education and social justice	<i>Learning activities:</i> This module will be delivered via a combination of lectures, seminars, small group work, workshops and tutorials	<i>Assessment:</i> Presentation (30%) Essay (70%)
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7003RESMET	Research Methods (20 c) Semester 1	<i>Module aim:</i> To encourage students to identify and critically evaluate appropriate research methodologies and methods for their own research.	<i>Learning activities:</i> An initial workshop will be followed by online learning, supported with seminars and a one hour tutorial.	<i>Assessment:</i> Presentation (100%)
7004ECSMA	The Critically Reflective Practitioner (20 c) Semester 1	<i>Module aim:</i> To critically reflect on personal values, beliefs and assumptions in relation to early childhood practice and the implications of relevant theory and research on their own educational practice	<i>Learning activities:</i> Workshops / seminars Online sources, tasks, tutorials and guest lectures *A reflective journal containing evidence of engagement in critically reflective tasks based on McLeod's (2015) 9 Steps of Reflection will be used progressively as a means of supporting examination of different issues / aspects of professional practice to examine the values , beliefs, attitudes, understandings practice is based on. The tasks will form the basis of reflective conversations as part of seminar / workshops and will be used as a means of demonstrating critically reflective engagement as well as illuminating and supporting evidence of personal (transformative) learning.	<i>Assessment:</i> Presentation (20%) Portfolio (80%)

Electrical/electronic engineering

4171CSD	The Smart Environment (20 c) Semester 1	<i>Module aim:</i> In a modern society, we live our lives in a digital world of interconnected smart devices and computing technology. This module sets the scene for this smart environment, which affects us all and introduces the underlying principles of the technologies and infrastructures upon which it relies.	<i>Learning activities:</i> A series of structured lectures, workshops and practical tasks will provide a varied range of learning activities.	<i>Assessment:</i> Report (70%) Lab (30%)
4200AMP	Computer Audio Technology (20 c) Semester 1	<i>Module aim:</i> To explain how computers capture, process and store digital audio and performance data and explore the systems used to enable this. To illustrate the hardware and software that is used in computer-based audio and music production. To explore the techniques used to edit and manipulate digital audio and musical performance data. To utilise the various activities and skills required during the typical workflow stages of computer-based audio production.	<i>Learning activities:</i> Lectures will be accompanied by workshop-based demonstration sessions and hands-on practical sessions. Theoretical knowledge will be assessed in guided tutorial sessions. Extensive use of the Blackboard VLE will be made to provide additional reading resources and example source code and audio files.	<i>Assessment:</i> Examination (50%) Production of an audio book (50%)

4201AMP	The Media Industry (10 c) Semester 1	<i>Module aim:</i> To develop the student as an effective, self-motivated life-long learner. The study, personal and generic skills are applied and developed in other Level 4 modules, and provide a platform-reflective learning experience and foundation for study at higher levels and subsequent careers.	<i>Learning activities:</i> This module contextualises students' production practice by introducing them to the ways in which both media and music institutions within the creative and cultural industries are organised. The module will explore and examine key issues in the history and current organisation of, and possible changes in, the cultural industries as institutions and practices. Students will also cover the essential aspects of the Personal Development Plan (PDP). This will include the practice of personal development planning, in the context of undergraduate studies, and encourage students to start actively planning for their academic and career development.	<i>Assessment:</i> Portfolio of evidence (80%) Reflection for Bronze Skills (20%)
4202AMP	Spreadsheets and Data Presentation (10 c) Semester 1	<i>Module aim:</i> To provide an audio production student with a rudimentary knowledge of fundamental maths, statistics and data analysis, using spreadsheet formulae and graphs, integrated within a technical report.	<i>Learning activities:</i> Lectures, tutorials and practical sessions	<i>Assessment:</i> Portfolio of evidence (100%)
4204AMP	Practical Audio Production (20 c) Semester 1	<i>Module aim:</i> To introduce students to the practical issues arising from Recording audio and Live sound reinforcement	<i>Learning activities:</i> Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Perc recording and manip (50%) Audio equipment (50%)
4207AMP	Computing and Video Tools (20 c) Semester 1	<i>Module aim:</i> The module introduces the students to aspects of optics and computing which are central to the equipment required to operate in this field.	<i>Learning activities:</i> Lectures, Practical sessions and demonstrations.	<i>Assessment:</i> Class Test (40%) Video Based Assessment (60%)

4208AMP	Video Acquisition (20 c) Semester 1	<i>Module aim:</i> To introduce students to professional technical and craft practices as used in broadcast media and creative industries, including: managing and organising tasks, people and resources; working to specifications; and applying safe systems of work.	<i>Learning activities:</i> Practical sessions and demonstrations. Student work groups.	<i>Assessment:</i> Video Production (60%) Equipment Competence (40%)
4301ELE	Engineering Principles (20 c) Semester 1	<i>Module aim:</i> This module is intended to provide students with a good appreciation of - the physical properties and behaviours that influence electrical systems, - how parameters are measured - communications systems	<i>Learning activities:</i> A series of lectures and tutorials	<i>Assessment:</i> Exam (70%) Online exercises (30%)
4303ELE	Electrical Circuit Principles (20 c) Semester 1	<i>Module aim:</i> To enhance knowledge and understanding of the essential mathematics underpinning electrical and electronic engineering. To develop intellectual abilities in selecting and applying appropriate circuit analysis techniques for analysing various electrical and electronic circuits. To introduce passive electronic components and understand their operating characteristics. To introduce the operating principles of transformers and electronic filters.	<i>Learning activities:</i> A series of lectures supported by tutorials and on-line exercises	<i>Assessment:</i> Exam (60%) Series of on-line quizzes (40%)
4315ELE	Engineering Mathematics 1a (10 c) Semester 1	<i>Module aim:</i> To provide a foundation in engineering mathematics for its application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> Online Assessment (100%)

5200AMP	Audio Recording (20 c) Semester 1	<i>Module aim:</i> To enhance students' knowledge of the equipment used in a Recording Studio and hence address the practical issues arising from recording using a control surface. Also to allow students to gain experience in using both hardware and software audio devices deployed in digital audio recording	<i>Learning activities:</i> Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Studio equipment levels (50%) Glynn Johns method (50%)
5201AMP	Broadcast Standards (20 c) Semester 1	<i>Module aim:</i> To explain the nature and composition of primarily baseband broadcast quality signals; to describe the operation of (and standards required for) broadcast equipment to recognised professional industry practice.	<i>Learning activities:</i> Attend all lectures, tutorial and practical sessions. Engage with on-line learning materials via Blackboard. Research and produce the output for the practical assignment	<i>Assessment:</i> Signal measurements (50%) Examination (50%)
5202AMP	The Media Entrepreneur (20 c) Semester 1	<i>Module aim:</i> To enable the student to develop the managerial skills and commercial awareness required to research and create a media-related enterprise or event by organising people, resources and time.	<i>Learning activities:</i> This module is delivered by means of lectures and workshop.	<i>Assessment:</i> Develop an Enterprise Plan (70%) Pitch the Plan to an Audience (30%)
5208AMP	Networks and Streaming (20 c) Semester 1	<i>Module aim:</i> The module introduces the students to data networking hardware and software and to streaming using such tools.	<i>Learning activities:</i> Lectures, Practical sessions and demonstrations.	<i>Assessment:</i> A number of short tests (40%) Streaming and Viva (60%)

5300ELE	Data Structures and Algorithms (20 c) Semester 1	<i>Module aim:</i> Examine the data structures used in modern computer applications Understand the algorithms that efficiently use those data structures	<i>Learning activities:</i> Lecture, demonstration and practical activities applying topics discussed.	<i>Assessment:</i> Exam (50%) Application of data structures (50%)
5304ELE	Linear Electronics (10 c) Semester 1	<i>Module aim:</i> The module aims to broaden the students' knowledge and understanding of linear electronic circuit design, and also to provide students with practical skills necessary to design, analyse and simulate and manufacture electronic circuits.	<i>Learning activities:</i> A combination of lectures, and practical work.	<i>Assessment:</i> Exam (70%) Report (30%)
5305ELE	Control System Design and Analysis (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of components and the principles of control systems, basic design and analysis techniques, and practice some control applications to industrial systems.	<i>Learning activities:</i> By a series of lectures, tutorials and computer simulations.	<i>Assessment:</i> Exam (60%) Report (40%)
5312ELE	Applied Instrumentation (20 c) Semester 1	<i>Module aim:</i> To introduce the students to a graphical based programming language that enables the user to program via a CAD style environment enabling them to create virtual instruments as a base for data acquisition and instrument control.	<i>Learning activities:</i> By a series of seminars and practical sessions. Students will be encouraged to work independently.	<i>Assessment:</i> Design Assignment 1 (25%) Mini Project (75%)
5321ELE	Engineering Mathematics 2 (10 c) Semester 1	<i>Module aim:</i> To provide a foundation in engineering mathematics for application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials	<i>Assessment:</i> Online assessment (100%)

6200AMP	Music Video Production (20 c) Semester 1	<i>Module aim:</i> To research, design, plan and manage the creation of a scripted narrative music video to a client brief. To enable the student to develop the video craft skills which complement existing audio learning, whilst managing all aspects of the video production process including client liaison, pre- and post-production to the mastering of the final product.	<i>Learning activities:</i> This module will be delivered by a combination of lectures and workshops.	<i>Assessment:</i> Documentation: client research (60%) Music Video (40%)
6201AMP	Devices, Apps and Streaming (20 c) Semester 1	<i>Module aim:</i> To introduce techniques used to distribute multimedia information.	<i>Learning activities:</i> Lectures, Labs and Tutorials	<i>Assessment:</i> Report (30%) Implementation (70%)
6203AMP	Career Management (10 c) Semester 1	<i>Module aim:</i> To provide Audio and Music Production students with the confidence, skills and knowledge to make realistic, well-informed career and lifestyle choices, and with the ability to review and adapt their plans in the light of changing priorities and circumstances. To develop independent learning skills by offering access to diverse experiences.	<i>Learning activities:</i> Engage with on-line learning experiences and materials. Use web-based research resources. Network directly with local/national Audio Engineering employers. Take part in workshops. Practice interview techniques Research and produce three written assignments	<i>Assessment:</i> Portfolio of career material (100%)
6206AMP	Virtual Digital Studio (20 c) Semester 1	<i>Module aim:</i> To develop a virtual 3D studio package and integrate with live footage within a TV studio environment.	<i>Learning activities:</i> Content is delivered through targeted lectures and a number of practical activities. The practical work will consist of both individual work and group work within the TV studio.	<i>Assessment:</i> Portfolio (100%)

6300ELE	Automation (10 c) Semester 1	<i>Module aim:</i> To develop the students' knowledge and understanding of automation systems used in manufacturing and process industries	<i>Learning activities:</i> By a combination of lectures and laboratory design exercises	<i>Assessment:</i> Portfolio of Evidence (100%)
6303ELE	Industrial Networks (10 c) Semester 1	<i>Module aim:</i> To develop the students' knowledge and understanding of networks used in industrial automation systems	<i>Learning activities:</i> By a combination of lectures and tutorial exercises.	<i>Assessment:</i> Exam (100%)
6306ELE	Electronic Systems Integration (20 c) Semester 1	<i>Module aim:</i> The module aims to provide the students with advanced knowledge and skills of electronics systems design, to enable students to design practical applications with the integration of analogue and digital systems.	<i>Learning activities:</i> A combination of lectures and practical work	<i>Assessment:</i> Report (100%)
6307ELE	Consumer Electronics (10 c) Semester 1	<i>Module aim:</i> To gain knowledge and understanding of modern consumer electronic devices and systems. To foster the awareness of the challenge and opportunity for the microelectronic industry	<i>Learning activities:</i> Typically by a series of lectures, tutorials, researching for information and analysis.	<i>Assessment:</i> Exam (100%)
6312ELE	Process Control (20 c) Semester 1	<i>Module aim:</i> To appreciate the problems associated with the design of closed-loop control of process systems. To understand the principles of cascade, feedforward and ratio control. To analyse non-linear process systems, systems containing large dead-time and coupled multi-loop systems.	<i>Learning activities:</i> Lectures, tutorials and design based laboratory activities.	<i>Assessment:</i> Examination (70%) Design Assignment (30%)

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6365ELE	Industrial Management (20 c) Semester 1	<i>Module aim:</i> This module is designed to develop the core management techniques required to design, implement and plan a new product or process.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (70%) Coursework assignment (30%)
7001MSC	Research Skills (10 c) Semester 1	<i>Module aim:</i> The aims of this module are to prepare the students to undertake their own research projects and to deliver the required skill set for successful completion of their investigations.	<i>Learning activities:</i> The module will be supported by regular lectures and supporting tutorials/seminars	<i>Assessment:</i> Portfolio (100%)
7301ELE	Professional Practice (20 c) Semester 1	<i>Module aim:</i> To develop research skills and technical communication skills and awareness of the legal and ethical framework surrounding the activities of a professional engineer, including: personnel, health, safety, and risk (including environmental risk) issues.	<i>Learning activities:</i> Lectures supported by handouts. Seminar sessions will review and discuss a variety of ethical case studies. An individual student report is required for each coursework.	<i>Assessment:</i> Portfolio of work (100%)
7303ELE	Dynamic Systems Simulation (20 c) Semester 1	<i>Module aim:</i> To develop for students dynamic system simulation method and the techniques using Matlab/Simulink.	<i>Learning activities:</i> Lectures with teaching notes; Practical example programming and simulation using Matlab/Simulink.	<i>Assessment:</i> Assignment 1 (40%) Assignment 2 (60%)
7303ELEM	Dynamic Systems Simulation (20 c) Semester 1	<i>Module aim:</i> To develop for students dynamic system simulation method and the techniques using Matlab/Simulink.	<i>Learning activities:</i> By lectures, tutorials and practical example programming.	<i>Assessment:</i> Assignment (50%) Assignment (50%)

7304ELE	Microelectronic System Design (20 c) Semester 1	<i>Module aim:</i> The module aims to gain knowledge and understanding of a range of advanced VLSI design and analysis methods and to develop the design and test techniques required for modern digital microelectronic systems.	<i>Learning activities:</i> A combination of lectures and practical work.	<i>Assessment:</i> Report (100%)
7304ELEM	Microelectronic System Design (20 c) Semester 1	<i>Module aim:</i> The module aims to gain knowledge and understanding of a range of advanced VLSI design and analysis methods and to develop the design and test techniques required for modern digital microelectronic systems.	<i>Learning activities:</i> A combination of lectures and practical work.	<i>Assessment:</i> Report (100%)
7307ELE	Digital Control (20 c) Semester 1	<i>Module aim:</i> To extend concepts of digital control theory into system identification, controller design and self-tuning control techniques for single-input, single-output systems.	<i>Learning activities:</i> Lectures supported by handouts & tutorials where appropriate. Computer sessions will use software packages (MATLAB, SIMULINK and toolboxes). Individual student reports are required for the coursework.	<i>Assessment:</i> Examination (70%) PC based assignment (30%)
7307ELEM	Digital Control (20 c) Semester 1	<i>Module aim:</i> To extend concepts of digital control theory into system identification, controller design and self-tuning control techniques for single-input, single-output systems.	<i>Learning activities:</i> Lectures supported by handouts & tutorials where appropriate. Computer sessions will use software packages (MATLAB, SIMULINK and toolboxes).	<i>Assessment:</i> Examination (70%) PC based assignment (30%)
7310ELEM	Digital Communications Systems (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and technical skills in the field of digital communications	<i>Learning activities:</i> By a series of Lectures and Lab sessions	<i>Assessment:</i> Exam (70%) Report (30%)

7316ELEM	Advanced Signal Processing (20 c) Semester 1	<i>Module aim:</i> This module aims to develop an advanced understanding of techniques and practical experience in industry-oriented applications of digital signal processing.	<i>Learning activities:</i> Lectures and laboratory work supported by handouts. Tutorials illustrating by numerical examples topics covered at lectures.	<i>Assessment:</i> Examination (70%) Report (30%)
7330ELEM	Research Skills (10 c) Semester 1	<i>Module aim:</i> The aims of this module are to prepare the students to undertake their own research projects and to deliver the required skill set for successful completion of their investigations.	<i>Learning activities:</i> The module will be delivered through a programme of lectures and supporting tutorials.	<i>Assessment:</i> Portfolio of work (100%)

Engineering

7200DRO	UAV Technology and Operations (40 c) Semester 1	<p><i>Module aim:</i> To provide a comprehensive overview of drone technology at a conceptual and practical level. Special emphasis is placed upon being able to specify, select, install and deploy sub-systems to fulfil the requirements of an application.</p> <p>To acquire the skills to safely operate a UAV system.</p>	<p><i>Learning activities:</i> The module will be taught by a combination of lectures; practical laboratory based sessions, centred around setting up and maintaining drones, fitting and testing payloads; workshop sessions involving mission planning for way-point flying; fieldwork involving testing actual drones and mission plans in the field centred initially around basic exercises then expanding to mimicking typical operations.</p>	<p><i>Assessment:</i> Flight Test of a Drone (30%) A 2000 word essay (30%) Prepare a proposal (40%)</p>
7201DRO	UAV Construction (10 c) Semester 1	<p><i>Module aim:</i> To enable students to acquire the knowledge and practical skills needed to create, test and fly a functional UAV system. Starting from basic components and culminating a safe and successful maiden flight.</p>	<p><i>Learning activities:</i> There will be 3 one hour lecture sessions at mile posts in the module, as described in the syllabus. The bulk of the module will be delivered via supervised practical hands-on UAV construction in the laboratory. There will be a short field experience near the end of the module to test fly and evaluate the performance of the new UAV.</p>	<p><i>Assessment:</i> Weekly assessment (50%) Final assessment of the UAV 1 (50%)</p>

7334ELEM	Modelling and Simulation (10 c) Semester 1	<p><i>Module aim:</i> This module is designed to introduce Matlab coding for scientific computation, and system simulation using Simulink. The module will enable students with a background in using a traditional high-level programming language, but no experience using National Instruments (NI) LabVIEW, to create virtual Instruments (VI's) and interface them with compatible hardware for data acquisition (DAQ) and control applications.</p>	<p><i>Learning activities:</i> The module is designed for student self-learning with the teaching notes and exercise questions provided on Blackboard.</p>	<p><i>Assessment:</i> Matlab, Simulink, LABVIEW (100%)</p>
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English literature

4100ENGL	Reading English (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to the interdisciplinary study of English at degree level through a variety of texts drawn from different historical periods;</p> <p>2. To introduce students to the formal analysis of texts, including questions of literary form, narrative and genre;</p> <p>3. To introduce students to the generic skills needed for the study of English at degree level, including close reading, reading quickly and efficiently, and writing essays.</p>	<p><i>Learning activities:</i> Lectures, workshops, seminars and tutorial</p>	<p><i>Assessment:</i> 1000 word essay (30%) 2500 word essay (70%)</p>
4101ENGL	American Classics (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce arriving first year students to a sample of American literature and key critical approaches that will be developed on the degree;</p> <p>2. To problematise the idea of the 'classic' work of literature, and explore the status of such books in American culture as a whole;</p> <p>3. To give students practice in different modes of reading and critical analysis.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops, individual feedback consultations; group work, private study, written work and Blackboard activity.</p>	<p><i>Assessment:</i> Editor's Intro 1500 words (40%) Exam - unseen (60%)</p>

4103ENGL	Literary & Cultural Theory (20 c) Semester 1	<p><i>Module aim:</i> 1. Provide students with an understanding of the basic strands of literary and cultural theories, such as feminism, Marxism, postcolonial theory, and psychoanalysis.</p> <p>2. Equip students with an appropriate critical vocabulary to enable them to apply these theoretical perspectives to their study of texts, in particular literature, but also film, media, news, and popular culture.</p> <p>3. Allow students to explore and evaluate these theoretical perspectives through practical application to literary texts as well as to other primary sources.</p> <p>4. Give students the familiarity and confidence to use basic theoretical and critical concepts and perspectives in all areas of their degree.</p>	<p><i>Learning activities:</i> Close reading exercises Online research tasks Group discussion Seminar presentations</p>	<p><i>Assessment:</i> 1000 words (35%) 2000 words (65%)</p>
5102ENGL	Body, Mind & Soul: seventeenth-century literature and culture (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to a range of seventeenth-century writings in their historical and cultural context;</p> <p>2. To enable students to recognise different forms and genres used in the period;</p> <p>3. To facilitate students in understanding the concept of the Early Modern and issues of historical change and continuity;</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops and tutorials; private study, written work, field trip and Blackboard activity.</p>	<p><i>Assessment:</i> 2000 word editing exercise (40%) 3000 word essay (60%)</p>
5105ENGL	International Perspectives on Literature (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to literature and critical approaches from an international perspective.</p> <p>2. To develop understanding of cultural differences in engagements with literary texts.</p> <p>3. To enable students to write on literature from a comparative perspective.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops</p>	<p><i>Assessment:</i> 1500 analysis (30%) 3000 word essay (70%)</p>

5111ENGL	Romanticism: Revolution, Reaction & Representation (20 c) Semester 1	<p><i>Module aim:</i> 1. To develop students' understanding of the manifestations of Romanticism in nineteenth-century literature, in a variety of forms and genres (principally lyric and narrative poetry, fiction, and prose writing), and to assess the cultural afterlife and importance of Romanticism and its modes.</p> <p>2. To explore the connections between politics, social history, and literary culture in Britain during a period of social instability and intense and rapid changes in many areas of life at home and abroad.</p> <p>3. To introduce students to critical debates and controversies about Romanticism and its legacies in the nineteenth and twentieth century, including its canonical role in English studies.</p>	<p><i>Learning activities:</i> Lectures, seminars, student-led presentations; private study and reading, Blackboard and online activity.</p>	<p><i>Assessment:</i> Portfolio (50%) 2500 word essay (50%)</p>
5112ENGL	Short Cuts: Writing in Brief (20 c) Semester 1	<p><i>Module aim:</i> 1. To analyse a wide variety of short writing, both Anglophone and translated works, from the post-Second World War era, such as short stories, fragments, aphorisms, prose poetry, diary entries, letters and essays;</p> <p>2. To use this short writing to develop students' skills of close reading and textual analysis;</p> <p>3. To explore the relationship between short writing and modernity/contemporary culture.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> 1500 word critical analysis (30%) 3000 word essay (70%)</p>

5115ENGL	American Spaces (20 c) Semester 1	<p><i>Module aim:</i> 1. To develop students' understanding of the representation of space through the study of selected critical discourses about space drawn from, for example: phenomenology, Marxism, cultural geography, psychoanalysis, ecocriticism, environmentalism, affect theory or literary theory;</p> <p>2. To situate American ideas about space in their historical and cultural contexts;</p> <p>3. To explore how the experience of specific spaces shapes individual and group identities and how, reciprocally, those identities affect how people experience the spaces they occupy or through which they move;</p> <p>4. To analyse the spatial aesthetics of a range of American literary and visual texts.</p>	<p><i>Learning activities:</i> Lectures, seminars, and consultation tutorials; private study, written work and Blackboard activity.</p>	<p><i>Assessment:</i> 1500 word (40%) 2500 word essay (60%)</p>
5116ENGL	Prison Voices: Narratives of Crime and Punishment in the 19th Century (20 c) Semester 1	<p><i>Module aim:</i> 1. To examine changing discourses about deviance, criminality, punishment, and discipline and how these have been articulated within literary and non-literary texts</p> <p>2. To extend students' skills in online research and interpretation by analysing, comparing, and considering the connections between a wide range of digital and textual primary sources</p> <p>3. To develop students' skills in online communication by the creation of individual Wordpress blogs and social media stream and an extended research blog for the module's public website.</p>	<p><i>Learning activities:</i> Lectures and workshops in IT suite</p>	<p><i>Assessment:</i> Individual blog (50%) 1500 word research blog post (50%)</p>

6109ENGL	Our House: Representing Domestic Space (20 c) Semester 1	<i>Module aim:</i> 1. To analyse domestic space as an important aspect of contemporary culture; 2. To familiarize students with a range of disciplinary and philosophical traditions which have focused upon domestic space, with a particular focus on phenomenology and psychoanalysis. 3. To encourage students to reflect upon their own experiences of domestic space.	<i>Learning activities:</i> Lectures, Seminars, Workshops, Blackboard Activity.	<i>Assessment:</i> 1500 word critical analysis (30%) 3000 word essay (70%)
6111ENGL	Race in America (20 c) Semester 1	<i>Module aim:</i> 1. to engage students with important critical and theoretical views relating to racial formations, racial identities, and racism in American history through the study of a range generically diverse texts from the postwar period to the colourblind present. 2. to develop cultural and historical understanding of the dynamics of race in postwar America. 3. to engage with critical race theory and other racial theories to produce an informed critical reading of race in key cultural texts from postwar America.	<i>Learning activities:</i> Lectures, seminars, tutorials, film/documentary showings.	<i>Assessment:</i> 1500 words critical analysis (40%) 2500 word essay (60%)
6113ENGL	Shakespeare (20 c) Semester 1	<i>Module aim:</i> 1. To reinforce the ability to critically analyse texts in close detail. 2. To examine a range of Shakespeare's plays in the context of their original cultural production. 3. To consider the ways in which the figure of Shakespeare has been deployed in different cultural, social and political conditions contributing to the production of meaning in the plays and/or in Shakespeare as a cultural artefact.	<i>Learning activities:</i> Lectures, Seminars	<i>Assessment:</i> 3000 word essay (75%) 1500 word critical analysis (25%)

6115ENGL	Terrorism and Modern Literature (20 c) Semester 1	<p><i>Module aim:</i> 1. To establish terrorism as a significant and persistent literary, political and cultural preoccupation in modern literature (1880s to present), and examine key instances in which the language and concept of terror is at issue;</p> <p>2. To enable students to explore the ways that moral, aesthetic and political concerns circulate in culture and public life;</p> <p>3. To give students the opportunity to develop a research interest in a related area.</p>	<p><i>Learning activities:</i> Lectures, seminars, seminar introductions, individual assignment consultations</p>	<p><i>Assessment:</i> 1500 words - textual analysis (40%) 3000 words essay (60%)</p>
6118ENGL	Writing Lives: Collaborative Research Project on Working-Class Autobiography (20 c) Semester 1	<p><i>Module aim:</i> 1. To enable students to acquire advanced digital humanities research skills by engaging in individual and collective work as part of an online collaborative research project.</p> <p>2. To introduce students to editorial procedures and skills and to enable them to edit and write their own research materials and findings at a professional level suitable for online publication on the module's public website @ www.writinglives.org</p> <p>3. To enable students to use their own research to engage in critical and historical debates about the class dimensions of culture and society since c. 1800</p> <p>4. To evaluate critical approaches to the formation and characteristics of a distinctively working-class tradition of autobiographical writing</p> <p>5. To analyse the relationship between life-writing, subjectivity and history</p>	<p><i>Learning activities:</i> Lectures and workshops in IT suite (researching and writing Author Blog) Peer review of Author Blogs (in groups) Using social media to promote your Author Blog, collaborative research & website. Visits to archives/museums e.g. Working Class Movements Library, The People's History Museum Independent archival research (where appropriate)</p>	<p><i>Assessment:</i> 500 words x 10 author blog (70%) Research record of work (30%)</p>

7101ENGL	Contemporary Literary Studies (30 c) Semester 1	<p><i>Module aim:</i> To give students a broad awareness of the current state of literary studies, introducing them to new approaches and ongoing debates in the field; To help students develop strategies for identifying and exploiting relevant resources for research; To encourage reflection on the nature and limits of primary sources in the students' projects, and to develop relevant critical and analytical skills.</p>	<p><i>Learning activities:</i> Presentations, seminars, workshops, one-to-one tutorials.</p>	<p><i>Assessment:</i> Analysis of primary material (70%) Reviews of secondary material (30%)</p>
7103MR	Research Methods for Arts, Professional and Social Studies (30 c) Semester 1	<p><i>Module aim:</i> To introduce students to library, bibliographic, online and other facilities necessary for postgraduate research; To assist students in recognizing and applying appropriate strategies for developing a research project – identifying research questions, theoretical problems, material for analysis and critical position; To develop students' capacities for evaluating strengths and weaknesses in the methodologies of researchers in their field; To help students gain confidence in communicating their ideas verbally to their peers, and conform to postgraduate-level standards for the presentation of written work.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops</p>	<p><i>Assessment:</i> Search narrative (40%) Comparative Analysis of Method (60%)</p>

Fashion

4101FC	Introduction to Fashion (20 c) Semester 1	<p><i>Module aim:</i> 1. To promote the use of a logical Design Process towards the creation of original fashion outcomes from independently researched sources.</p> <p>2. To create an awareness of fashion and promote experimentation through alternative and innovative approaches to fashion practice.</p> <p>3. To nurture independent student learning through reflective practice and self-critical analysis and develop evaluation of individual practice.</p> <p>4. To acquaint students, via skill set workshop inductions, with a range of practical applications and appropriate codes of health and safety.</p>	<p><i>Learning activities:</i> This module introduces the students to fashion across both pathways and gives the students an introduction to research methods for project work .A variety of inductions will underpin development work with trials and samples. The projects will be pathway specific with outcomes for each specialist area for this module.</p>	<p><i>Assessment:</i> Artefact (60%) Artefact (40%)</p>
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4103FC	Visualisation and Technology (20 c) Semester 1	<p><i>Module aim:</i> 1. To develop awareness of professional fashion practice through the professional presentation of a body of artwork/design documentation demonstrating individual students' creative pathway specialism.</p> <p>2. To develop fashion communication skills, enabling the visualisation of fashion ideas and outputs in a professional format.</p> <p>3. To promote the development of technical ability appropriate to the fashion industry according to the students chosen pathway.</p> <p>4. To engender students ability to analyse, test and synthesise appropriate materials, processes, and environments for sampling 2D and 3D interpretations.</p> <p>5. To enhance the development of ideas through to outcomes, for example images, artefacts, environments, products, processes and texts.</p>	<p><i>Learning activities:</i> This module is divided between technology and visualisation and underpins all studio modules/s and outputs. Students will undertake a range of technical workshops and seminars to gain valuable insight into practices for their specialist area. Students will learn key skills for presentation and portfolio development as well a core understanding of technical processes.</p>	<p><i>Assessment:</i> Artefact (50%) Artefact (50%)</p>
4105FC	Contextual Research and Digital Media (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore key contextual concepts and themes concerning historical, contemporary cultural significance in relation to studio practice and wider contexts of fashion design and communication.</p> <p>2. To develop knowledge and understanding of the research methods, which underpin fashion practices.</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars, workshops, group critiques and tutorials.</p>	<p><i>Assessment:</i> Essay (50%) Artefacts (50%)</p>

5101FC	Fashion Design Focus (20 c) Semester 1	<p><i>Module aim:</i> 1. To promote the effective use of research methodologies and promote individual focus through a variety of fashion related activities.</p> <p>2. To create an awareness of fashion and promote experimentation through alternative and innovative approaches to fashion practice.</p> <p>3. To produce a body of work in relation to market level and professional practice.</p> <p>4. To develop a more focused approach to a personal design identity within a specialist fashion market.</p> <p>5. To develop a range of design applications, which explore design concepts, materials and contexts.</p>	<p><i>Learning activities:</i> During this module students will research, design and produce a body of Design work by utilising and synthesizing fashion and textile design skills gained to date. Work will take place within the context and environment of the professional designer and the finished work should be viable for sample presentation to relevant industries. On-going informal feedback will be available in the weekly practical sessions. A progress review is timetabled mid-semester. Practical, seminar and one to one tutorials are the core delivery methods for this module.</p>	<p><i>Assessment:</i> Artefacts (60%) Artefacts (40%)</p>
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<p>5103FC</p>	<p>Visual Language and Technical Exploration (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To promote investigation into a range of technical processes to enhance creative concepts. 2. To provide a range of activities to underpin approaches to visual language. 3. To build confidence in creative and conceptual approaches to digital and traditional media. 4. To explore and test the potential of appropriate materials, processes, and environments for sampling 2D and 3D interpretations. 5. To develop an awareness of current industry practice to contextualise and situate students project outputs.</p>	<p><i>Learning activities:</i> These are tailored to the 2 parallel pathways and this module is designed to underpin practical studio activities with a foundation in technical skills required for level 5 (Practical, seminar and one to one tutorials are the core delivery methods for this module). Designers Attend lectures and workshops to cement and underpin more advanced pattern cutting and manufacturing skills. Keep technical file for fashion / textile skills. Attend lectures, seminars and workshops to expand CAD skills. Produce more advanced garment / textile samples in accordance with the design work produced in design modules running parallel to this. Communicators Attend lectures, seminars and workshops to cement and underpin more advanced CAD skills. Keep technical file for CAD technology/Photography skills and other technical specialist areas. Produce a more advanced body of work in accordance with the work produced in studio modules running parallel to this.</p>	<p><i>Assessment:</i> Artefacts (50%) Artefacts (50%)</p>
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5105FC	Contextual Studies and Digital Development (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore key contextual concepts and themes in relation to studio practice and wider contexts of contemporary fashion design and communication.</p> <p>2. To engage in critical debate and analysis to broaden and deepen knowledge and understanding of contemporary fashion practices articulated through research and writing.</p> <p>3. To investigate a variety of digital platforms and develop a relevant design application.</p> <p>4. To develop visual presentation skills of fashion issues through a digital project, which will integrate the key contextual concepts with practise, based outcomes.</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars, group critique, group presentations and tutorials. Guest speakers and study visits will enhance the module.</p>	<p><i>Assessment:</i> Essay (50%) Artefacts (50%)</p>
5107FC	Fashion Awareness (20 c) Semester 1	<p><i>Module aim:</i> 1. To examine contemporary and historical practice within the creative industries.</p> <p>2. To encourage and support independent research using a variety of creative methods.</p> <p>3. To produce a body of work in relationship to customer profile and market level.</p> <p>4. To research specific materials, processes and media to apply to set project work.</p> <p>5. To recognise the importance of roles within creative teams when undertaking project work.</p>	<p><i>Learning activities:</i> This module is designed to introduce students to key areas within fashion communication in an industry context. Teaching will take the form of lectures, seminars and practical sessions underpinned with a focus on market level and customer awareness. The areas covered are broad and will bring all tasks taken in level 4 together through a variety of projects which may be live or set projects.</p>	<p><i>Assessment:</i> Artefacts (60%) Artefacts (40%)</p>

6101FC	Studio Project/s (30 c) Semester 1	<p><i>Module aim:</i> 1. Provide opportunities for students to develop their own programme of study via a series of project/s.</p> <p>2. To support the development of research methodologies to apply to a range of concepts and outputs.</p> <p>3.To produce a body of work in relationship to target audiences and current industry practice.</p> <p>4. To develop a range of design applications, which explore design concepts, materials and contexts.</p> <p>5.To produce a creative body of work within an agreed framework.</p>	<p><i>Learning activities:</i> This module consists of lectures, seminars, fieldwork and a major practical project defined by set projects and/or an individual learning agreement.</p>	<p><i>Assessment:</i> Artefacts (50%) Artefacts (50%)</p>
6103FC	Research Project (20 c) Semester 1	<p><i>Module aim:</i> 1. To deepen critical and theoretical engagement based on a student initiated topic.</p> <p>2. To facilitate the application and interpretation of secondary and primary research methods to a focused fashion studies topic within a research project framework.</p> <p>3. To develop relevant and professional presentation skills of fashion issues through an appropriate format.</p> <p>4. To enable an analytical evaluation of a student-initiated topic building links between research and practice leading to an appropriate level of synthesis.</p>	<p><i>Learning activities:</i> 1. This is a research based module supported by a programme of individual tutorials, group seminars and contextual lectures.</p> <p>2. Students are assigned a personal tutor and engage in a negotiated self-directed research project.</p> <p>3. Most of the delivery takes place from September - December</p> <p>4. The final assessment for this module is 100% standard research project format (comprising a written proposal, final research content, a bibliography or list of references, a critical evaluation and associated supporting work).</p> <p>5. Written feedback is given in response to an interim review.</p> <p>6. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Report (30%) Report (70%)</p>

Film studies

4020FILM	Film Language (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to the study of film through the formal properties and techniques of the medium. 2. To analyse the stylistic and narrative dimensions of films through a study of formal properties and techniques of the medium. 3. To introduce the basic elements of academic essay writing.	<i>Learning activities:</i> Lectures, Seminars and Workshops.	<i>Assessment:</i> Class Test (50%) Essay - 2000 Words (50%)
4021FILM	Screenwriting and Genre (20 c) Semester 1	<i>Module aim:</i> 1. Explain the basics of scriptwriting style and formatting. 2. Examine the relationship between script and film. 3. Explore the conventional narrative structures of a variety of genres.	<i>Learning activities:</i> Lectures, Seminars, Workshops	<i>Assessment:</i> Essay - Script (50%) Essay - 2000 words (50%)
4026FILM	Introduction to Filmmaking 1 (20 c) Semester 1	<i>Module aim:</i> 1. To develop technical skills associated with fiction filmmaking. 2. To introduce students to the organisation, planning, management, and production of fiction film. 3. To offer practice-based learning that explores how a scene fits within a fiction narrative, and, how aesthetic choices affect storytelling.	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Film (60%) Self-awareness Statement (10%) Portfolio (30%)

5020FILM	American Cinema (20 c) Semester 1	<i>Module aim:</i> 1. To introduce key aspects of American cinema history 2. To examine the concepts of 'classical' and 'post-classical' cinema 3. To explore both Hollywood and independent American cinema from industrial and aesthetic perspectives	<i>Learning activities:</i> Lectures, Presentations, Seminars, Workshops, Screenings	<i>Assessment:</i> Presentation (30%) Essay (70%)
5022FILM	Experimental Filmmaking (20 c) Semester 1	<i>Module aim:</i> 1. To provide an opportunity for students to plan and manage a short film production 2. To develop technical skills associated with experimental filmmaking 3. To provide an opportunity for students to develop appropriate working practices associated with small film production groups	<i>Learning activities:</i> Lectures, Seminars, screenings and practical workshops.	<i>Assessment:</i> Written Portfolio (20%) Practical Portfolio (80%)
5024FILM	European Cinema (20 c) Semester 1	<i>Module aim:</i> 1. To introduce a selective range of European national cinemas 2. To explore the concepts of the 'national' and the 'transnational' in relation to Europe 3. To examine the boundaries between art and popular cinema	<i>Learning activities:</i> Lectures, Seminars, Workshops, Screenings	<i>Assessment:</i> Essay (70%) Dossier (30%)
6034FILM	Interpretation in Film (20 c) Semester 1	<i>Module aim:</i> 1. To explore historical and contemporary approaches to film interpretation 2. To critically examine and evaluate approaches to film interpretation 3. To engage with the serious analysis of film	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Personal Blog (100%)

6037FILM	Work Based Learning (20 c) Semester 1	<p><i>Module aim:</i> 1. To enhance experiential learning in the degree programme.</p> <p>2. To encourage students to develop transferrable skills relevant to the world of work.</p> <p>3. To foster initiative and independence of thought by an evaluative approach to the assessment of work experience.</p>	<i>Learning activities:</i> Tutorials	<i>Assessment:</i> Portfolio (100%)
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Forensic science

4101FSBMOL	FORENSIC SCIENCE RESEARCH METHODS 1 (20 c) Semester 1	<i>Module aim:</i> To enable students to develop a range of academic, research and transferable skills related to their programme of study.	<i>Learning activities:</i> Lectures, Practicals, workshops & tutorials	<i>Assessment:</i> Self awareness statement (10%) Oral presentation (30%) practical test (60%)
4102FSBMOL	CRIME SCENE INVESTIGATION (20 c) Semester 1	<i>Module aim:</i> Provide students with the technical and theoretical knowledge and the practical skills related to crime scene examination. Students will develop practical skills in photography and fingerprint and footwear recovery. They will also develop crime scene documentation skills and understand the legal and QC requirements.	<i>Learning activities:</i> Workshops, lectures, practicals and case studies	<i>Assessment:</i> Practice (40%) portfolio (60%)
4103FSBMOL	FORENSIC CHEMISTRY (20 c) Semester 1	<i>Module aim:</i> To provide a basic knowledge of chemistry and chemical analysis important in forensic science. This course aims to provide core material in chemistry relevant to forensic analysis and sufficient for higher level study of this subject.	<i>Learning activities:</i> Lectures with activities, workshops and practical sessions including Off site trip to Bootle	<i>Assessment:</i> Examination (50%) Report (50%)
4309NATSCI	INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY (10 c) Semester 1	<i>Module aim:</i> This module provides an introduction to the field of biological anthropology, which is the major field from which forensic anthropology derives. Background to all the subfields of biological anthropology is provided.	<i>Learning activities:</i> Learning will be supported through lectures, practicals and off-site field work.	<i>Assessment:</i> Essay (100%)

5101FSBMOL	FORENSIC SCIENCE RESEARCH METHODS 2 (20 c) Semester 1	<i>Module aim:</i> The aims of this module are to provide forensic science students with tutorial and PDP support, theoretical knowledge and practical experience of some key laboratory techniques and prepare students for their Biomolecular Science Project at level 6 by the study and practice of essential research skills.	<i>Learning activities:</i> Learning will take place through a variety of classroom and laboratory based activities and independent study. Some activities will involve working alone and others in a small team. Lectures, tutorials, and workshops will provide information and practice on a range of skills appropriate to a research scientist. Students will undertake a number of laboratory based practicals to explore links between theory and practice.	<i>Assessment:</i> Critical Analysis of a Paper (50%) Group Poster (50%)
5102FSBMOL	TRACE EVIDENCE ANALYSIS (20 c) Semester 1	<i>Module aim:</i> This module will provide students with a thorough knowledge of the use of microscopy in trace evidence analysis examining methodologies employed in the laboratory.	<i>Learning activities:</i> Lectures, practical sessions and workshops In class practical test	<i>Assessment:</i> Report (40%) Practice (60%)
5104FSBMOL	MOLECULAR FORENSICS (20 c) Semester 1	<i>Module aim:</i> The module's credit rating is 20 credits at level 5. The module is core for the forensic science programme. The content of the module focusses on the genetic basis for forensic identification, commonly used molecular techniques used by DNA analysts and the analyses of forensic data.	<i>Learning activities:</i> Lectures, practicals, workshops	<i>Assessment:</i> Exam (50%) Report (50%)
5310NATSCI	HUMAN OSTEOLOGY (20 c) Semester 1	<i>Module aim:</i> To introduce the analysis of human bones and their implications for reconstructing identity	<i>Learning activities:</i> Material will be delivered through brief lectures followed by workshops and practical sessions.	<i>Assessment:</i> Test axial skeleton (40%) Test theory practice (60%)

5314NATSCI	HUMAN ANATOMY AND GENETICS (20 c) Semester 1	<i>Module aim:</i> To introduce human anatomy and physiology that underlie the analysis of human remains in forensic and anthropological context. To examine the genetic techniques used in the field of human genetics.	<i>Learning activities:</i> The module is delivered through lectures, off-site facility visits, laboratory practicals and workshops.	<i>Assessment:</i> Test (50%) Scientific report (50%)
6101FSBMOL	ADVANCED FORENSIC METHODS (20 c) Semester 1	<i>Module aim:</i> To provide students with a thorough knowledge of advanced crime scene investigation and Death Investigation including 360 degree photography, fire investigation and others as applicable. Introduce new and novel research in forensic science in areas such as fingerprinting and chemical development of bloodstains and have practical knowledge of the use of statistical methods for evaluating forensic evidence.	<i>Learning activities:</i> Practicals, Lectures, Seminars, Workshops, Case studies, On-line activities and table top exercises	<i>Assessment:</i> Portfolio (50%) Presentation (50%)
6102FSBMOL	DRUG ANALYSIS AND TOXICOLOGY (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and practical experience of toxicological and controlled drug analysis within the context of forensic science.	<i>Learning activities:</i> Lectures Practicals Seminars Problem based learning	<i>Assessment:</i> Exam (50%) Report (50%)
6310NATSCI	PALAEOPATHOLOGY (20 c) Semester 1	<i>Module aim:</i> To examine the evidence for disease in human skeletal remains and place it in the appropriate forensic context.	<i>Learning activities:</i> The module is delivered through lectures, laboratory practicals and workshops.	<i>Assessment:</i> Online test (40%) Skeleton Report (60%)

6311NATSCI	FORENSIC ANTHROPOLOGICAL GENETICS (20 c) Semester 1	<i>Module aim:</i> This module will explore the uses of genetic techniques in the field of forensic science and anthropology from a theoretical and practical perspective.	<i>Learning activities:</i> Learning will be delivered through a series of lectures, both from expert staff and invited speakers. Theory will be complemented with laboratory practicals and workshops.	<i>Assessment:</i> Casework report (50%) Interpretative Test (50%)
7101NATSCI	ADVANCED OSTEOLOGY AND SKELETAL PATHOLOGY (20 c) Semester 1	<i>Module aim:</i> The aims of this module are to provide students with an advanced knowledge of the human skeleton and the ability to identify animal bones, methods of curation of skeletal collections and understanding of pathological processes and how these relate to identification issues or population studies.	<i>Learning activities:</i> Lectures, workshops, practical sessions	<i>Assessment:</i> Bone quiz (40%) Skeletal report (60%)
7103FSBMOL	ADVANCED DRUG ANALYSIS AND TOXICOLOGY (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide students with an in-depth understanding on the theoretical and practical aspects of drug and toxicological analysis using the appropriate analytical techniques. Laboratory work will be based upon case work studies providing experience of the required role of the forensic analyst. Laboratory problems will be enquiry/problem-based to further develop skills in team work and independent learning. The generation of the appropriate documentation will be utilised as would be expected for a professional forensic practitioner.	<i>Learning activities:</i> Lectures Lab based work – enquiry/problem based Research – reading encouraged throughout the module	<i>Assessment:</i> Examination (50%) Practical reports (50%)

7104NATSCI	DENTAL ANTHROPOLOGY (20 c) Semester 1	<p><i>Module aim:</i> The aims of this module are to provide students with the theoretical knowledge and practical experience required by a bioarchaeologist or forensic anthropologist to identify and examine human teeth, and to use them to characterise and compare both samples and individuals. In addition, the ability to discuss, appraise and assess the results is obtained. This course deals with a wide range of dental anthropological topics. Students will study actual human teeth and dental casts (of themselves and others), and learn about dental anatomy, metrics, morphology, pathology, forensics, embryology, teeth and behaviour (including use), genetics, evolution, affinity assessment, and a variety of bioarchaeological and quantitative applications.</p>	<p><i>Learning activities:</i> Material will be delivered through lectures, followed by workshops using actual dentitions and casts, as well as lab practical and seminar presentations of student work.</p>	<p><i>Assessment:</i> Dentition Practical (40%) Project Report (60%)</p>
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7105FSBMOL	FORENSIC BIOSCIENCE (20 c) Semester 1	<p><i>Module aim:</i> The aims of this module are to allow students to critically appraise the use and analysis of biological material within a forensic context, demonstrating an understanding of the importance and limitations of such analysis. They should be able to perform a wide range of laboratory investigations pertinent to this area of study and interpret the results in a timely and appropriate fashion. Additionally, students should be able to review current literature in the area and discuss the limitations of a range of case studies, suggesting newer and/ or more appropriate methods of investigation.</p>	<p><i>Learning activities:</i> Lectures, workshops, seminars, practicals and attendance at an autopsy.</p>	<p><i>Assessment:</i> Laboratory portfolio (50%) Seminar presentation (50%)</p>
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7106FSBMOL	LAW AND COURT ROOM SKILLS (20 c) Semester 1	<p><i>Module aim:</i> To provide students with a comprehensive understanding of British and international law under which they may work including the role of the expert witness</p> <p>To enable students to write thorough and coherent expert witness statements and defend their opinions and findings in a court room setting</p>	<p><i>Learning activities:</i> Lectures, practical sessions, workshops and seminars including mock court proceedings</p>	<p><i>Assessment:</i> Essay (50%) Court room presentation (50%)</p>
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Geography

4301NATSCI	METHODS IN GEOGRAPHY 1 (20 c) Semester 1	<i>Module aim:</i> To provide students with practical experience in the methods employed by geographers to collect, statistically analyse, present and interpret primary and secondary data. To develop quantitative and qualitative practical skills, as well as observational skills. To introduce students to self reflection on personal and academic development	<i>Learning activities:</i> Lectures, practical workshops, tutorials and fieldwork	<i>Assessment:</i> Quantitative Data Analysis (90%) Self Awareness Statement (10%)
4302NATSCI	EARTH SYSTEMS (20 c) Semester 1	<i>Module aim:</i> To provide students with an introduction to our planet as a whole system and to develop skills appropriate to investigating the geography and formation of the Earth	<i>Learning activities:</i> Lectures are integrated with appropriate lab/computer practical sessions and fieldwork.	<i>Assessment:</i> Test (40%) Field Report (60%)
4303NATSCI	LANDFORMS AND LANDSCAPES (20 c) Semester 1	<i>Module aim:</i> To develop student knowledge and understanding of the processes that shape the natural environment, and equip students with the theoretical, observational and practical skills required to analyse the landscape.	<i>Learning activities:</i> Learning activities will include lectures, fieldwork and practical classes (laboratory, paper-based and computer/GIS) will be employed to understand and interpret the shaping of the landscape .	<i>Assessment:</i> Poster (50%) Field report (50%)

5302NATSCI	GIS, GEOGRAPHY AND BEYOND (20 c) Semester 1	<i>Module aim:</i> This module aims to inform research, inquiry, and communication through development of geographical skills, to provide students with increased professional and subject specific understanding, and to enhance the personal and intellectual autonomy of students. To introduce students to Geographical Information Systems (GIS), and introduce key methods of data and database management.	<i>Learning activities:</i> Content from this module will be delivered through a combination of lectures, practicals, fieldwork, and tutorials. Lectures are designed to provide students with the theory necessary to underpin their use of GIS and other skills. Practical will provide students with the support required to utilise GIS and other geographical skills. Spatial data will be collected during the off-site visit. After the field work, students will integrate and analyse the data they personally collected into GIS through practical classes. Tutorials throughout the semester will accompany teaching and support students with personal and professional development.	<i>Assessment:</i> GIS Portfolio (60%) Reflective Piece (40%)
5303NATSCI	INTERNATIONAL GEOGRAPHY (20 c) Semester 1	<i>Module aim:</i> to facilitate student understanding and evaluation of processes in global environments through an international field class examining, recording, interpreting and evaluating field evidence in a range of natural and anthropogenic landscapes. To provide students with an opportunity to identify the diversity of culture in the wider international context. To develop student understanding of spatial and temporal variation and themes around sustainability across Geographical studies.	<i>Learning activities:</i> This module comprises mixed learning methods. Key concepts are delivered in Lectures and through the literature surveys of regional geographical issues. The field trip is integral to developing practical skills, enhancing learning and generating data so that coursework is embedded as part of learning activity. Field workshop activities are used to provide a forum for discussion and feedback. Experiential learning is a key component of the field class.	<i>Assessment:</i> Fieldwork Presentation (60%) Essay (40%)

5304NATSCI	<p>TERRESTRIAL AND MARINE SYSTEMS (20 c) Semester 1</p>	<p><i>Module aim:</i> To introduce students to the processes that drive the functioning of two major (terrestrial and marine) environments of the Earth with a view to their deeper understanding, evaluation and management. To develop student appreciation and assessment capabilities of the environmental impact of humans (e.g. pollution, deforestation, ocean acidification) on natural environments and ecosystems. To develop skills in acquiring, processing and interpreting environmental data.</p>	<p><i>Learning activities:</i> Teaching on this module is in the form of lectures, practicals and fieldwork. Most lectures are followed by practical activities that will help students develop practical skills associated with the content of each lecture. Assignment 1: There is one field trip to a former industrial area where contaminated soil may be a problem. Students are required, through field sampling and laboratory analyses, to produce a scientific report quantifying the extent of contamination and making recommendations for remediation. Assignment 2: Students are required to produce an essay on ocean acidification that is supplemented by scientific data gathered through laboratory investigations.</p>	<p><i>Assessment:</i> Report (60%) Essay (40%)</p>
5305NATSCI	<p>GLOBALISATION AND DEVELOPMENT (20 c) Semester 1</p>	<p><i>Module aim:</i> To critically assess the concept, theories and implementation of Development To examine the phenomena of Globalisation (cultural, economic and political dimensions). To highlight, via examination of specific topics and localities, the variable impact of globalisation on people and their environment and to evaluate the response to global processes at local and regional level.</p>	<p><i>Learning activities:</i> Lectures, workshops, fieldwork with private study.</p>	<p><i>Assessment:</i> Blackboard Test (50%) Case Study (field) report (50%)</p>
5311NATSCI	<p>WORLD ARCHAEOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To provide theoretical and some practical experience in archaeological techniques.</p>	<p><i>Learning activities:</i> Material will be delivered through a selection of lectures, practicals, and workshops</p>	<p><i>Assessment:</i> artifact quiz/phase test (50%) report and discussion (50%)</p>

6303NATSCI	SUSTAINABLE NATURAL HERITAGE (20 c) Semester 1	<i>Module aim:</i> To investigate the concept of conserving natural resources as heritage and explore the interplay between human culture and conservation.	<i>Learning activities:</i> Lectures, Workshops, Fieldtrips, Seminars	<i>Assessment:</i> Evaluation Report (50%) Case Study Presentation (50%)
6304NATSCI	COASTAL AND MARINE MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To understand the main sustainability issues surrounding coastal and marine environments To study the scientific principles necessary to the efficient and sustainable management of coastal and marine environments and their application in a wide range of local, national and international contexts To develop the practical skills and knowledge required by professional environmental regulators and consultants working in coastal and marine management To discuss problem-orientated approaches to coastal and marine geography, integrating physical and human contexts To analyse the main legislative and management frameworks affecting coastal and marine spatial planning and resource use	<i>Learning activities:</i> Teaching on this module is in the form of lectures, practicals, fieldwork, workshops and student-led seminars. Important scientific principles, coastal and marine management approaches and legislation are explored through lectures and workshops hosted by LJMU staff and practitioners. Students work in teams to conduct a range of tasks (field work and data gathering, data analysis and oral presentation). Learning and assessments are focussed on the development of oral presentation skills and the production of reports integrating the different stakeholders' perspectives approaches on a management project.	<i>Assessment:</i> Data Analysis Exam (50%) Stakeholder Analysis Report (50%)

<p>6314NATSCI</p>	<p>MEDITERRANEAN ENVIRONMENTS (20 c) Semester 1</p>	<p><i>Module aim:</i> Critically discuss and evaluate the range of natural and anthropogenic processes responsible for shaping the natural and cultural landscape in visited field locations on a range of temporal and spatial scales. To identify, critically evaluate and discuss sustainable practice in an environmental context.</p>	<p><i>Learning activities:</i> This module is based on a residential field course abroad and concentrates on the application of field skills and interpretation of data. Detailed field observations, mapping techniques and environmental sampling will be demonstrated and employed in the field. Experiential learning is a key component of the field class. A series of lectures in the classroom will focus on the interpretation and assessment of observations and measurements taken during the field class, within the context of published data of the visited areas, The final assessment will focus on evaluating published literature on wider themes introduced on the fieldtrip.</p>	<p><i>Assessment:</i> Notebook + presentation (50%) Literature critique (50%)</p>
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Graphic design

<p>4101GD</p>	<p>What? Studying Graphic Design and Illustration (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To introduce key principles, activities and cultural references which underpin the study of graphic design and illustration at higher education. 2. To support students induction and orientation to basic resources and process areas in the JLADB. 3. To encourage an inquisitive and proactive approach to learning through a practical induction programme. 4. To foster a confidence discussing a broad and diverse range of cultural references.</p>	<p><i>Learning activities:</i> 1. This is a practical induction based module supported by a programme of tutorials, seminars, and contextual lectures. 2. Induction is based around a variety of creative projects, practical workshops and team based activities. 3. Typically induction activities will take place during the first few weeks of semester 1. In support, contextual lectures and cultural activities continue throughout the semester. 4. The final assessment for this module is 50% Artefact (comprising a designed component for a collective 'Guide to Graphic Design and Illustration') and 50% Essay (comprising of an 800 word wiki entry and engagement in cultural activities). 5. Formal verbal feedback will be given for the induction project during the students' first PDP.</p>	<p><i>Assessment:</i> Artefact (50%) Essay (50%)</p>
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<p>4102GD</p>	<p>How? Making Graphic Design and Illustration (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To introduce the key resources and technical areas utilized by the programme within the JLADB. 2. To explore a variety of digital and craft based processes. 3. To foster an enthusiasm for experimentation with materials, processes and media to solve creative problems. 4. To recognise that research into cultural and historical context can inform approaches to creative problems.</p>	<p><i>Learning activities:</i> 1. This is a practical based module comprised of a programme of workshops and inductions supported by contextual lectures. 2. Workshops are based around practical projects challenging the creative use of materials, processes and media. 3. The final assessment for this module is 100% Portfolio (comprising workshop outcomes). 4. On-going informal feedback will be available via the workshop sessions.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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<p>4103GD</p>	<p>Why? Applying the Creative Process (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To introduce a variety of approaches to visual problem solving. 2. To introduce the role of visual research methods in the creative process. 3. To encourage experimentation with concepts and media when responding to a creative brief. 4. To support students discussing their work and the work of others with emerging confidence. 5. To foster an awareness of the boarder context and purpose of the work they produce.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of workshops, tutorials, seminars, and contextual lectures. 2. A series of practical studio workshops will introduce students to a variety of basic approaches to visual problem solving, generating ideas and exploring and applying concepts and media. Students will be expected to record experiments and visual ideas during these sessions. 3. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work). 4. Formative feedback is given during review activities at the end of each project. 5. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Portfolio 1 (100%)</p>
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<p>5101GD</p>	<p>Investigate, Document, Present (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To introduce a wide range of material and reference sources for research. 2. To appropriately use diverse research methods and theory relevant to the discipline. 3. To explore critical and contextual awareness beyond disciplinary boundaries. 4. To encourage the convergence of practical and theoretical knowledge. 5. To explore a range of formats for presenting the outcomes of research.</p>	<p><i>Learning activities:</i> 1. This is a research-based module with a designed outcome supported by a programme of lectures, research workshops, seminars and tutorials. 2. Lectures introduce and examine a range of approaches to research in relation to graphic arts. 3. Workshops and seminars explore a variety of research methods and skills. 4. Students evaluate and reflect on their portfolio of work through seminars review sessions. 5. Students are assigned a supervising tutor and engage in a negotiated research project. 6. The development and production of the project requires independent study but supported by regular tutorials and practical assistance where appropriate. 7. The final assessment for this module is 100% Portfolio (comprising designed research project artefact with supporting written work including appropriately referenced appendices and bibliography). 8. Formative verbal feedback is given in response to interim deadlines for written and visual content.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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<p>5102GD</p>	<p>Graphic Design and Typography (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To experiment with a variety of approaches towards typography and print publication design. 2. To examine a range of visual and conceptual approaches to expressing ideas and organising information. 3. To explore appropriate design tools and processes for typography, page layout and publication design. 4. To develop an awareness of factors which influence the reception, perception and interpretation of visual communication.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of studio-based tutorials, seminars, crits and lectures designed to foster a strong studio culture and develop the studio space as the nucleus of creative endeavour. 2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work). 3. Formative feedback and feed-forward is given during review activities at the end of each stage of the project. 4. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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5103GD	Graphic Design and the Screen (20 c) Semester 1	<p><i>Module aim:</i> 1. To examine the role of moving image and digital processes and formats within graphic design practice.</p> <p>2. To experiment with a range of visual and conceptual approaches to expressing ideas and organising information for digital and screen-based media.</p> <p>3. To explore the potential of digital design tools and processes to enhance graphic design practice.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of practical workshops, lectures, tutorials and seminars.</p> <p>2. Students are asked to develop a project related to; moving image and/or digital publishing, identified in a variety of project briefs.</p> <p>3. Introductory project workshops and lectures take place at the start of the module, followed by the completion of a set project.</p> <p>4. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work).</p> <p>5. Formative feedback and feed-forward is given during review activities at the end of each stage of the project.</p> <p>6. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
5106GD	Illustration (Text and Image) (20 c) Semester 1	<p><i>Module aim:</i> 1. To experiment with a variety of approaches towards image making.</p> <p>2. To examine a range of image-based approaches to expressing ideas and textual content.</p> <p>3. To explore appropriate image-making tools and processes.</p> <p>4. To develop an awareness of factors which influence the reception, perception and interpretation of visual material.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of tutorials, seminars, crits and lectures.</p> <p>2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work).</p> <p>3. Formative feedback and feed-forward is given during review activities at the end of each stage of the project.</p> <p>4. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>

<p>5107GD</p>	<p>Illustration (Materials and Media) (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To examine the relationship between materials, media and audience. 2. To explore a diverse range of experimental approaches to materials and media to create illustration work. 3. To explore the potential of both digital and analogue tools and processes to enhance illustration practice.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of practical workshops, lectures, tutorials and seminars. 2. Students are asked to develop a project related to animation and / or printmaking. 3. Introductory project workshops, presentations and seminars will take place at the beginning of the module, followed by the completion of a project brief. 4. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work). 5. Formative feedback and feed-forward is given during review activities at the end of each stage of the project. 6. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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6102GD	Studio Projects (40 c) Semester 1	<p><i>Module aim:</i> 1. To offer students the opportunity to undertake set practical project(s) exploring specific materials, processes and media. 2. To examine the role of experimentation within the context of graphic design and illustration practice. 3. To encourage and support independent self-directed learning.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of individual tutorials, group seminars, skills based workshops and interim crits. 2. Students engage in a directed programme of set project(s). 3. The final assessment for this module is 100% Portfolio (comprising finished project work, supporting research and development work, learning agreement(s) and critical evaluation). 4. Formative verbal feedback is given in response to the presentation of work-in-progress at interim crits. 5. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
7002MAGDI	Studio Practice (Graphic Design & Illustration) (30 c) Semester 1	<p><i>Module aim:</i> To help students develop and challenge their practice and locate it within contemporary graphic design and illustration practice. Enable students to undertake self initiated and/or set projects that demonstrate a high level of engagement with technical processes and production methods. To provide students with an opportunity to present work which demonstrates and enhances their practice.</p>	<p><i>Learning activities:</i> Students will be required to undertake self-directed and/or set projects. Studio based tutorials, workshops and group crits will support the development and production of these projects.</p>	<p><i>Assessment:</i> Portfolio (70%) Presentation (30%)</p>

Health and social care

4200HSCIFC	Changing Contexts of Health and Social Care (20 c) Semester 1	<i>Module aim:</i> The module will introduce students to a wide range of service provision within today's health and social care sector.	<i>Learning activities:</i> Lectures and "Flipped classroom" activities including workshops and seminars On-line directed study and discussion Discovery learning through visits to service providing organisations and engagement with service providers Case-study focussed activity Assignment tutorials Poster exhibition	<i>Assessment:</i> Poster Presentation (50%) Reflection on visits 1,500 wd (50%)
4300HSCIFC	Health (20 c) Semester 1	<i>Module aim:</i> For students to be introduced to the sociological dimensions of health and illness and the rise of medicine in contemporary societies	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> sociology of health essay (30%) group poster presentation (70%)
4400HSCIFC	Diversity and Respect (10 c) Semester 1	<i>Module aim:</i> This module will enable students to explore the issues of diversity and respect in relation to individuals, families and communities	<i>Learning activities:</i> Interactive lectures, tutorials and online interaction.	<i>Assessment:</i> Article Review max 2000 words (100%)
5100HSCIFC	Safeguarding and Social Policy (20 c) Semester 1	<i>Module aim:</i> This module will provide support students to understand the challenges facing multi-agency service providers and policy makers who are responsible for safeguarding children, young people and vulnerable adults.	<i>Learning activities:</i> Learning activities will include a balanced menu of broken lectures, workshops, visits to services , tutorials and on-line activity.	<i>Assessment:</i> Small Group Presentation (50%) Hypothetical case study (50%)

5200HSCIFC	Future Change Makers - Social Enterprise (20 c) Semester 1	<i>Module aim:</i> Students will consider and analyse the value of social enterprise in relation to health and social care	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> Poster (70%) written reflection (30%)
5300HSCIFC	Sex, Drugs and the Nanny State? (20 c) Semester 1	<i>Module aim:</i> • For students to analyse aspects of health-related and potentially risky behaviour in various groups • For students to analyse the role of health care policy makers and the media in the decision-making processes of individuals and families	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> strategy design (100%)
6200HSCIFC	Leadership and Management (20 c) Semester 1	<i>Module aim:</i> To provide the students with the opportunity to study theories of leadership and management as applicable to the public and voluntary sectors	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> case description (30%) case analysis (70%)
6300HSCIFC	Working with Vulnerable Individuals and Families (20 c) Semester 1	<i>Module aim:</i> For students to gain a critical understanding of issues facing vulnerable individuals and families within the context of social work and health	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> issue analysis (50%) policy analysis (50%)

History

4100HIST	Making History (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to locating, comprehending and analysing secondary and primary sources</p> <p>2. To give students experience with multiple staff members in an interactive group environment</p> <p>3. To maintain a flexible Personal Tutor program, that is embedded into a module</p>	<p><i>Learning activities:</i> Small tutorial-sized Workshop classes and Personal Tutor support.</p>	<p><i>Assessment:</i> Report (1500 words) (50%) Analysis (1500 words) (50%)</p>
4103HIST	Lion Rampant, Lion Tamed; The Rise and fall of the British Empire (20 c) Semester 1	<p><i>Module aim:</i> 1. To survey the development and transformation of the British empire from the mid-18th century to the present day</p> <p>2. To examine the programme themes of 'nation, state and power', 'technology, economy and society' and 'culture, local and identity' with reference to the rise and demise of the British imperial system.</p> <p>3. To examine the concepts of 'structure and agency' and 'change and continuity' in the context of British imperialism and decolonisation</p>	<p><i>Learning activities:</i> Lectures and seminars.</p>	<p><i>Assessment:</i> Essay (2000 words) (50%) 2 hour Unseen Exam (50%)</p>

4104HIST	Modern European History: Myth, Memory and the Uses of the Past (20 c) Semester 1	<p><i>Module aim:</i> 1. Display a good understanding of important political, cultural, and social aspects of Modern European history.</p> <p>2. Demonstrate a firm grasp of the historiography of the Modern European history and be able to articulate this in written form.</p> <p>3. Engage in historical debate on a range of topics about myth, memory and identity in Modern European history, critically relating discussion to different national (or otherwise) contexts.</p>	<i>Learning activities:</i> Lectures and Seminars	<p><i>Assessment:</i> Online Quizzes (30%) Essay (2000 word) (70%)</p>
5101HIST	Debates in History (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to historiographical debates in a range of different national, social, cultural and political contexts.</p> <p>2. To equip students with analytical skills that allow them to understand and contextualize historiographical arguments.</p> <p>3. To equip students with the interpretative skills necessary to write about historical case studies in a coherent, articulate, and informed manner.</p>	<i>Learning activities:</i> Lectures, Tutorials	<p><i>Assessment:</i> Self-Reflection Essay (30%) Critical Essay (70%)</p>

<p>5108HIST</p>	<p>Gendering the Past (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. Develop an understanding of how historians have used ‘gender’ to explore men’s and women’s lives in the long nineteenth century 2. Engage and analyse a variety of primary sources including personal testimony, discursive texts and visual sources. 3. Identify and critically engage with secondary reading.</p>	<p><i>Learning activities:</i> In Gendering the Past you will examine the everyday lives of men and women in the long nineteenth-century (1780-1914). Taking the private sphere as its starting point you will begin by examining their domestic lives. The first half of the module will explore the role of home and domesticity, love and courtship, marriage and divorce, homosexuality, female friends and the body. We will then turn away from the private sphere to the public lives of men and women by considering work, politics, and the fights for the vote for both men and women. Interwoven within this module will be a discussion of class, race/ ethnicity and religion. We will study each theme in two week blocks, which will for the most part, include an hour lecture session and an hour primary source workshop. These sessions will be interspersed with archive and museum trips. This module will enable you to gaze into the past and to hear the words of ordinary men and women as we delve into their diaries and letters as well as court room testimony. We will also unpack ‘separate sphere’ ideology and how Victorian society understood what it was to be a ‘man’ or ‘woman’ by looking at conduct literature, medical texts, newspapers, paintings and films.</p>	<p><i>Assessment:</i> Essay (50%) Group Poster (50%)</p>
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5109HIST	Ireland, 1690-1920 (20 c) Semester 1	<p><i>Module aim:</i> • To equip students with a clear understanding of Irish history from the late seventeenth century to the early twentieth century</p> <ul style="list-style-type: none"> • To introduce students to contentious periods of Irish history and to familiarize them with the associated historiography. • To provide students with an opportunity to read and evaluate primary documents. 	<p><i>Learning activities:</i> This course will be taught through discussion based lectures and seminars. There will be an opportunity for students to choose a primary document and critically evaluate it during the course.</p>	<p><i>Assessment:</i> Portfolio (50%) Exam (50%)</p>
5110HIST	The International Crisis, 1919-1939 (20 c) Semester 1	<p><i>Module aim:</i> 1. Demonstrate an understanding of several important political, economic and social aspects of international history during the interwar period.</p> <p>2. Engage, in written form, in historical debate on key issues in international history.</p> <p>3. Demonstrate an understanding of the concept of crisis and response in history.</p> <p>4. Demonstrate an understanding of transnational histories.</p>	<p><i>Learning activities:</i> Lectures, Tutorials</p>	<p><i>Assessment:</i> Online Quiz (40%) Essay (60%)</p>
5121HIST	A History of Modern Latin America (20 c) Semester 1	<p><i>Module aim:</i> To introduce students to modern Latin American history. To develop students' understanding of social and political change in Latin America. To enable students to think comparatively in geographical and temporal terms.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops</p>	<p><i>Assessment:</i> Portfolio 2000 words (40%) Essay 2500 words (60%)</p>

5122HIST	An International History of the Cold War Era (20 c) Semester 1	<i>Module aim:</i> To enable the students to understand and articulate different interpretations of the 'Cold War' To enable students to understand historiographical interpretations of the Cold War and how they have evolved over time To enable students to understand how the Cold War affected different geographical regions and how it intersected with other major issues, such as decolonization.	<i>Learning activities:</i> Lectures and Seminars.	<i>Assessment:</i> 1500 word essay (45%) 2000 word essay (55%)
6103HIST	Brummies, Geordies, Scousers and others (20 c) Semester 1	<i>Module aim:</i> 1. To trace the origins and trajectory of place identities 2. Examine the ways in which different place identities are depicted 3. Explore the similarities and differences between place identities	<i>Learning activities:</i> Each topic will be introduced by a one hour lecture, followed by a seminar and workshop. Using a set of themes identified at the start of the course, students will evaluate a range of sources that represent each place identity. While collecting the material, students will annotate each piece. They will also collect secondary material that deals with particular place identities and social representations. While interpreting this material students will prepare blogs that offer accounts of the origins, history and meaning of specific place identities	<i>Assessment:</i> Portfolio 2500 Words (50%) Exam, seen paper (50%)

6110HIST	Victorian Cities (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to the history of the Victorian city. 2. To investigate the themes of class and gender in the Victorian city. 3. To enable students to think critically about and historicise urban identities.</p>	<p><i>Learning activities:</i> This module will explore how the Victorians experienced and imagined their cities. The nineteenth century witnessed the rapid transformation of urban centres into densely populated areas. Victorians were both fascinated and repelled by this process. London was not only 'magnificent', in the eyes of American writer Henry James, but also a 'brutal' city, which had 'gathered together so many of the darkest sides of life'.</p>	<p><i>Assessment:</i> Portfolio, 2000 words (50%) Essay, 2500 words (50%)</p>
6111HIST	Life Inside Nazi Germany, 1933-1945 (20 c) Semester 1	<p><i>Module aim:</i> 1. To examine life inside Nazi Germany between 1933 and 1945. 2. To examine primary source material related to the key issues in the history of everyday life in Nazi Germany between 1933 and 1945. 3. To critically evaluate and interpret historiographical debates surrounding the study of the cultural, social, economic, racial and political aspects of Nazi Germany.</p>	<p><i>Learning activities:</i> Lectures, Workshops.</p>	<p><i>Assessment:</i> Essay (50%) Document study (50%)</p>
6112HIST	The US & the Vietnam War (20 c) Semester 1	<p><i>Module aim:</i> 1. Allow you to explore, explain and critically assess the factors that led to the US intervention in Vietnam and examine the short and long term impact of the war on US politics, society and culture 2. Apply primary source material, literary text, film material to illuminate the decision making process and the key controversies surrounding the conflict 3. Critically examine the historiographical debate about the conflict and its legacy</p>	<p><i>Learning activities:</i> Weekly reading to prepare for workshops Collating and interpreting source material Preparing for and delivering group presentations/discussion Attending and engaging with weekly taught sessions Production of a poster – applying techniques learnt in class and drawing on the skills of your group to bring an issue related to America's history to life in a visual and academic manner.</p>	<p><i>Assessment:</i> Group Poster (40%) Exam (60%)</p>

6113HIST	<p>Revolutionary Traditions in Ireland (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. The course aims to introduce students to the writings and actions of key individuals such as Theobald Wolfe Tone and Patrick Pearse who are closely associated with the Irish revolutionary tradition. By focusing on several significant texts students will develop their ability to analyse and reflect critically and contextually upon primary sources. 2. To enable students to critically assess and contextualise the way in which the 1798 Rebellion, the Great Irish Famine and the 1916 Rising has been commemorated and celebrated by later generations 3. To introduce students to a number or relevant concepts, theories and historical methodologies.</p>	<p><i>Learning activities:</i> Lectures and Seminars</p>	<p><i>Assessment:</i> Essay (40%) Portfolio (60%)</p>
6114HIST	<p>Interpreting conflict in post-colonial Africa (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To encourage students to think historically about conflict in post-colonial Africa, paying attention to continuity and change over time 2. To encourage students to construct multi-causal analyses of African conflicts 3. To think about local, national, regional and global dimensions to so-called 'civil wars' in Africa</p>	<p><i>Learning activities:</i> Workshops</p>	<p><i>Assessment:</i> Essay (50%) Exam (50%)</p>

7100IR	<p>Understanding International Relations (30 c) Semester 1</p>	<p><i>Module aim:</i> To engage in independent and critical thinking, and to develop and engage with the theoretical concepts and apply them to the world. To develop the ability to present and defend arguments and interpretations in an appropriate and scholarly manner. To understand global events from the state, non-state and international perspectives.</p>	<p><i>Learning activities:</i> This module will include three invited experts to come and discuss particular theories and case studies. This process will help consolidate learning on a vital element to understanding IR. Structure of module is based on a three-step process: 1. One week of prep-reading including roundtable discussions on reading with the module leader. 2. Spread over one or two days, the students will have 4 hours of class with an invited academic. 3. Class work set by invited academic to be completed for the session the week after. This session will be facilitated by the module leader.</p>	<p><i>Assessment:</i> Essay plan 1,000 words (15%) Essay 4,000 words (85%)</p>
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7101HIST	<p>Research Proposition and Development: Approaches to History (30 c) Semester 1</p>	<p><i>Module aim:</i> To engage in independent and critical thinking, and to develop and engage with theoretical concepts in relation to a range of secondary sources; To develop a knowledge of recent advances within the field and situate the proposed work accordingly; To develop and deploy strategies for identifying and accessing relevant research resources; To develop methodologies appropriate to specific research tasks within the field of modern history; To develop the ability to present and defend arguments and interpretations in an appropriate and scholarly manner; To define an appropriate area of research, map out appropriate methodologies, theoretical frameworks and resources and to modify an outline research project through discussion, reflection and feedback.</p>	<p><i>Learning activities:</i> The module is based around weekly sessions which take the form of seminars. The structure of the sessions will vary, depending on the nature of the material and the objectives of that particular session. Thus, students will get the opportunity to sample a variety of different approaches which have been put into practice or scrutinised by professional historians. Seminars will cover a specific topic and may involve students reporting back to the group on reading which has been assigned the week before, assessing material during sessions, a talk by the tutor on the subject, or a group discussion. In the research seminars, students will be leading the sessions through presentations on their literature review and source analysis.</p>	<p><i>Assessment:</i> Historiographical essay (80%) Reflective essay (20%)</p>
7101IR	<p>Research Methods for International Relations (10 c) Semester 1</p>	<p><i>Module aim:</i> To introduce students to postgraduate level methodological and theoretical approaches to researching international relations. To provide students with the opportunity to critically appraise methodological and theoretical approaches to researching international relations. To provide students with the skills required to undertake a research project at postgraduate level.</p>	<p><i>Learning activities:</i> Workshops</p>	<p><i>Assessment:</i> Research project plan 2,500 w (100%)</p>

7104IR	War and Peace in Africa since 1990 (20 c) Semester 1	<i>Module aim:</i> To engage with both political science and historical approaches to the study of warfare in contemporary Africa To consider the nature of international interventions in African wars To consider the dilemmas of post-conflict agendas of justice and reconciliation.	<i>Learning activities:</i> Workshops	<i>Assessment:</i> Research Essay (80%) Presentation (20%)
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7108IR	The United States and the Nuclear Proliferation Conundrum (20 c) Semester 1	<i>Module aim:</i> To allow students to engage with the rich and varied historiographical and theoretical literature on nuclear proliferation To inculcate in students a sophisticated understanding of the roots, development, and contemporary aspects of US nuclear nonproliferation policy. To enhance student understanding – and the ability to use – historical and contemporary primary source materials	<i>Learning activities:</i> Workshops.	<i>Assessment:</i> 2000 word lit review (45%) 2500 word research essay (55%)
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Human resources

4110BUSHR	Organisational Behaviour (20 c) Semester 1	<i>Module aim:</i> To provide a comprehensive foundation for theoretical and practical applications relevant to the management of behaviour in organisations.	<i>Learning activities:</i> A mixture of individual activities, case scenarios and group work to explore the subject matter of the module	<i>Assessment:</i> Multiple choice test (30%) Group presentation (70%)
4120BUSHR	Academic and Digital Skills (10 c) Semester 1	<i>Module aim:</i> to prepare students for academic life at university and to ensure that they can apply academic and digital skills on line.	<i>Learning activities:</i> a mix of lectures, workshops, hands-on PC individual exercises about, for example, critical writing skills, group work, including poster presentation skills, action learning and action research sets.	<i>Assessment:</i> poster pres (50%) Essay (50%)
4130BUSHR	Business, Finance and Budgeting Skills for HR (20 c) Semester 1	<i>Module aim:</i> <ul style="list-style-type: none"> • Develop awareness of the internal and external business environments. • Explore economic factors influencing business decisions. • Develop awareness and skills in finance, budgeting and financial planning with particular respect to HR activities. 	<i>Learning activities:</i> <ul style="list-style-type: none"> • Workshops to promote understanding of course materials • Practical sessions supporting the delivery of reports, budgets, spreadsheets, etc. • Presentations of business reports • Dragons den presentation seeking business capital Workshops and seminars to support business growth reporting 	<i>Assessment:</i> Business Plan (100%)
4140BUSHR	Introduction to HR (10 c) Semester 1	<i>Module aim:</i> To summarise and discuss the influences shaping HR policy and practice in the past, present and future.	<i>Learning activities:</i> Participative lectures with online support. Blackboard and CIPD website engagement.	<i>Assessment:</i> In-class test (100%)

4210BSPTHR	Academic and Business Skills and Behaviours (30 c) Semester 1	<i>Module aim:</i> to prepare students for the rigours of academic life: study skills, reading for a degree, time management, on line learning, research, referencing. to relate academic skills to the world of work and integrate with business skills	<i>Learning activities:</i> lectures; group work, for instance, using Jigsaw groups for research exercises and data base building; presentations; workshops; on line exercises e.g. to learn referencing skills, research skills, discussion board and email etiquette.	<i>Assessment:</i> 2000 word essay (50%) 500 word poster presentation (25%) On-line practical skills (25%)
4240BSPTHR	Business and Finance Skills Development (30 c) Semester 1	<i>Module aim:</i> • Develop awareness of the internal and external business environments. • Explore economic policies such as inflation, interest rates, currency and labour market, etc. • Understand the inner functioning of a business through a closer look at its business model and case studies. • Develop awareness and skills in finance and financial planning with particular respect to HR activities.	<i>Learning activities:</i> • Workshops to promote understanding of course materials • Practical sessions supporting the delivery of reports, budgets, spreadsheets, etc. • Presentations of business reports • Dragons den presentation seeking business capital Workshops and seminars to support business growth reporting	<i>Assessment:</i> Business plan (100%)
5110BUSHR	LEADERSHIP AND MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> To introduce students to the theoretical concepts associated with leadership and management and to explore the wider practical implications within a changing and diverse work environment. To establish the links between HR's role in developing leaders and managers. To support students in developing their own leadership and management capabilities.	<i>Learning activities:</i> Lectures to introduce academic / theoretical concepts Seminars to focus on small group work related to case studies and presentations. Seminars will offer students an opportunity to further embed ideas discussed in lectures, alongside material covered in directed study and outside reading.	<i>Assessment:</i> Case study presentation (50%) Business report (50%)

5111BCPDHR	HR Behaviours and Functions (20 c) Semester 1	<i>Module aim:</i> The module will introduce students to professional HRM Practice and combine academic theory and practitioner skills to core concepts such as; HRM approaches, dimensions of HR strategy and HR policy. The module will be step one in providing the knowledge requirements of the CIPD Certificate Intermediate Standards equipping students with the academic content required to achieve Associate Membership CIPD.	<i>Learning activities:</i> Participative lectures to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.	<i>Assessment:</i> Report (60%) Presentation (40%)
5120BUSHR	HR Professional Practice (20 c) Semester 1	<i>Module aim:</i> The module will introduce students to professional HRM Practice and combine academic theory and practitioner skills to core concepts such as; HRM approaches, dimensions of HR strategy and HR policy.	<i>Learning activities:</i> Participative lectures to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.	<i>Assessment:</i> Test (100%)
5130BUSHR	Employability (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide students with the practical skills necessary to secure undergraduate work experience placements/summer internships and/or graduate employment.	<i>Learning activities:</i> Lectures will be used to give students exposure to a range of employer/careers advisors/professional bodies in the form of guest lecturers. Workshops will include a high level of personal development and practical activities.	<i>Assessment:</i> Recruitment documents (100%)
5230BSPTHR	Labour Market and Talent Management (30 c) Semester 1	<i>Module aim:</i> To differentiate between internal and external supply of labour and to identify the most appropriate selection methods to acquire and retain talent.	<i>Learning activities:</i> Participative workshops to identify key areas of labour market supply and demand and recruitment and selection policy to gain and retain talent within an organisational setting	<i>Assessment:</i> Business Report (100%)

6110BUSHR	Strategic HR Theory and Practice (10 c) Semester 1	<i>Module aim:</i> To use academic literature to critically appraise an organisational context and make recommendations using a Strategic HRM framework.	<i>Learning activities:</i> Interactive and participative workshops.	<i>Assessment:</i> Case Study (100%)
6120BUSHR	EQUALITY, DIVERSITY AND INCLUSION (10 c) Semester 1	<i>Module aim:</i> The aims of the module are to allow students to: think critically about individual and organisational approaches to equality, diversity and inclusion; understand the underpinning social concepts such as stereotyping, discrimination etc. and how these operate within the workplace; critically appraise the competing drivers for diversity influencing organisational strategy and policy in this area; appraise elements of diversity and their relationship with the labour market including an understanding of equal treatment and diversity approaches to equality both conceptually and in terms of workplace interventions; comparatively analyse equality, diversity and inclusive strategies to developing an inclusive culture.	<i>Learning activities:</i> Workshops are used to develop and explore students responses to diversity and relating these to the development of strategy within organisations. Critical evaluations and discussions will be encouraged through a range of tasks and discussion topics. Current issues in diversity and equality matters will form part of the debate and discussions.	<i>Assessment:</i> Report (100%)

6130BUSHR	International HRM and HRD (20 c) Semester 1	<p><i>Module aim:</i> The aim of this module is to explore different approaches to managing people in an international arena. In terms of people management, it can be argued that the world marketplace is shrinking. There are more global organizations and outsourcing of people to different countries and cultures. The intention of this module is to explore the management of people in international contexts and gain an understanding of the varying worldwide policy and practice.</p> <p>In addition, using multiple case studies, educational videos, and hands-on class activities, this course will help students develop analytical and critical thinking skills to describe and analyze different organizational cases related to international HRM.</p>	<p><i>Learning activities:</i> This module is presented through lectures, online activities, and workshops. During the lectures, the instructor will share information about major international HRM topics. Then the students will engage in online discussions, watch relevant videos, fill out self-assessment questioners (e.g. cultural intelligence), and conduct creative exercise to get familiar with international HR contexts. Finally the workshops will allow the students to engage in interactive exercises (e.g. role plays) to practice what they have learned through lectures and online activities.</p>	<p><i>Assessment:</i> Exam (30%) Essay (70%)</p>
6140BUSHR	Employment Relations and Legal Framework (20 c) Semester 1	<p><i>Module aim:</i> To analyse the development of, perspectives on and practice of employment relations and employment law.</p>	<p><i>Learning activities:</i> Workshops to analyse concepts and practice, including the use of case studies and discussion of contemporary organisational approaches within an academic framework.</p>	<p><i>Assessment:</i> Report 1 (100%)</p>
6180BUSHR	Consultancy (20 c) Semester 1	<p><i>Module aim:</i> To analyse consultancy practice and evaluate appropriate consultant responses to client requirements.</p>	<p><i>Learning activities:</i> Participative workshops to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.</p>	<p><i>Assessment:</i> Report (100%)</p>

6220BSPTHR	Change Management and Organisational Development (30 c) Semester 1	<p><i>Module aim:</i> 1. To acquire knowledge about issues and dimensions of Change management and organisational development.</p> <p>2. To recognise the importance of people change factors in determining appropriate organisational development intervention to improve an organisation.</p> <p>3. To appreciate the key issues to be achieved when implementing change and organisational development strategy.</p> <p>4. To be able to apply theoretical knowledge to practical situations involving an organisation's responses to organisational development.</p>	<p><i>Learning activities:</i> Tutorials. Supported Learning through Black Board</p>	<p><i>Assessment:</i> Report (100%)</p>
7002BUSMHR	HR Context (10 c) Semester 1	<p><i>Module aim:</i> To critically analyse the major organisational and external contexts and constraints within which organisations operate across a range of business sectors, evaluating the impact on business and HR choices and strategies.</p>	<p><i>Learning activities:</i> Lecture / Workshop format. Students will be required to apply their knowledge within varying organisational contexts and to review and evaluate contemporary literature/research; case studies will be used to assist in this process.</p>	<p><i>Assessment:</i> Examination (100%)</p>
7004BUSMHR	Employment Relations and Legal Framework (20 c) Semester 1	<p><i>Module aim:</i> Taking account of the legal framework and other contexts to evaluate a range of perspectives, concepts and strategies for employment relations in contemporary organisations.</p>	<p><i>Learning activities:</i> Lecture / Workshop format. Students will be required to apply their knowledge within varying organisational contexts and to review and evaluate contemporary literature/research. Case studies will be used to assist in this process and students will discuss approaches used in known organisations.</p>	<p><i>Assessment:</i> Individual Report (100%)</p>

7008BUSMHR	Research Methods for HR (20 c) Semester 1	<p><i>Module aim:</i> The module aims to develop student skills to research a real-life workplace problem. Students will learn the whole research process through participating in workshops and conducting online exercises. Students will work on a real research problem that will develop their skills in designing and implementing quantitative and qualitative research projects.</p> <p>In addition, the module aims to prepare students for their level six independent Impact report, by enabling them to critically review and summarise literature and independently conduct a research project utilising quantitative and qualitative research tools. Furthermore, this module aims to equip students with the skills needed to analyse qualitative and quantitative data using softwares (e.g. SPSS for quantitative and NVivo for qualitative).</p>	<p><i>Learning activities:</i> The module will be taught through interactive workshops and online activities organized in two block days. The lectures are designed to disseminate the required research methods knowledge, the online sessions are intended to allow students to get more engaged with relevant videos, exercises and group discussions. Finally, the workshops will allow the students to practice their acquired research skills and get instant feedback from their instructor.</p>	<p><i>Assessment:</i> Research Proposal (100%)</p>
7011BUSIHR	Introduction to Strategic HR (10 c) Semester 1	<p><i>Module aim:</i> to introduce students to the components of HRM and how HR fits with wider organisational strategy.</p>	<p><i>Learning activities:</i> lectures, workshop style discussion around case studies and examples drawn from their experience, independent research to contribute to on line and group discussions.</p>	<p><i>Assessment:</i> test (100%)</p>
7012BUSIHR	Global Digital Engagement (10 c) Semester 1	<p><i>Module aim:</i> To critically evaluate the role, function, value add and drawbacks of the digital economy and how this relates to managing and developing the people resource.</p>	<p><i>Learning activities:</i> Workshop format. Students will be required to apply their knowledge within varying organizational contexts, and to review and evaluate contemporary literature/research. On-line resources and teaching tools will be incorporated in to the teaching of this module.</p>	<p><i>Assessment:</i> Digital poster (100%)</p>

Journalism

4032JOURN	Studying as Journalists (20 c) Semester 1	<i>Module aim:</i> Give an understanding of the requirements of studying journalism in higher education, introduce students to the study of law and ethics as they apply to journalism and reinforce safety issues.	<i>Learning activities:</i> Lectures, seminars to discuss the finer points of legal and ethical issues and practical work such as workshops to explore the more detailed aspects of learning in higher education. Workshops will hone writing skills, will look in detail at research techniques and will examine presentation skills.	<i>Assessment:</i> Essay 1500 words (40%) Presentation (Blog) (30%) Health & Safety Report (20%) Self-awareness Statement (10%)
4033JOURN	Introduction to Reporting (20 c) Semester 1	<i>Module aim:</i> 1. To develop the skills required to identify and source news stories, including finding contacts. 2. To develop the skills of effective interviewing. 3. To promote effective research skills in journalism.	<i>Learning activities:</i> Workshops in which students will practice interviewing and press conferences and develop practical skills using appropriate sources of information. Seminars to critically analyse good practice and journalistic processes.	<i>Assessment:</i> Portfolio (100%)
5030JOURN	Developing Broadcast Skills (20 c) Semester 1	<i>Module aim:</i> 1. Produce well written cues and story treatments for broadcast news 2. Develop audio, camera and editing skills for the production of broadcast news output. 3. Produce short bulletins for broadcast media outlets. 4. Show a clear recognition of broadcast conventions in the production of simple packages for TV and Radio.	<i>Learning activities:</i> Lectures, and Workshops	<i>Assessment:</i> Portfolio (70%) Test (30%)

5031JOURN	Reporting UK Politics (20 c) Semester 1	<i>Module aim:</i> 1. Knowledge and understanding of the structures and powers of UK national and local/regional government 2. Be able to critically evaluate the main issues and debates in the reporting of politics in the UK 3. Be able to analyse the coverage and the reporting of politics	<i>Learning activities:</i> Lectures and seminars	<i>Assessment:</i> Exam (50%) Essay - 2000 Words (50%)
5032JOURN	Online Journalism Production (20 c) Semester 1	<i>Module aim:</i> 1. To build on and develop students' previous production and writing skills to produce and present online news content. 2. To allow students to develop some advanced writing skills and formulate ways users can be encouraged to generate news-orientated content. 3. To work as a team in a live newsroom environment, covering stories in real-time	<i>Learning activities:</i> Lectures, workshops and real-time learning simulation.	<i>Assessment:</i> Portfolio - 2500 words (60%) Class Test (40%)
5036JOURN	Contemporary International Relations for Journalists (20 c) Semester 1	<i>Module aim:</i> 1. To provide students of International Journalism an opportunity to acquire the academic knowledge of International Relations that is relevant to the work of mainstream global news organisations. 2. To consider how news coverage of global conflict and terrorist events is shaped by a variety of domestic and international factors with particular reference to global terrorism since 'September 11'.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Exam - 2 Hours (50%) Essay - 2000 Words (50%)

5038JOURN	Online Sports Journalism Production (20 c) Semester 1	<i>Module aim:</i> 1. To build on and develop students' previous production and writing skills to produce and present online sports content. 2. To allow students to develop some advanced writing skills and formulate ways users can be encouraged to generate news-orientated content. 3. To work as a team in a live newsroom environment, covering stories in real-time	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Portfolio (60%) News Day (40%)
7020JOURN	Journalism Studies (20 c) Semester 1	<i>Module aim:</i> To introduce students to theoretical concepts surrounding the study of journalism at a post-graduate level. Consideration will be given to a range of subjects including news values (where does news come from, what makes it news, etc), agenda setting in a news context, gatekeeping (why some news is excluded), representation and stereotyping, the use of language, the business of a newsroom and the effects of online journalism on the news agenda. Students will also be introduced to aspects of law and ethics as they relate to journalism	<i>Learning activities:</i> The module will be delivered in the form of a weekly lecture followed by a seminar in which the subject in question will be further observed with discussion, video presentations, exercises and other activities.	<i>Assessment:</i> Essay - 1,500 Words (40%) Essay - 2,000 Words (60%)
7022JOURN	Academic Research for Journalists (20 c) Semester 1	<i>Module aim:</i> To provide a thorough understanding of academic research methods and methodologies suitable for journalism social research and the production of research papers and dissertations at masters level.	<i>Learning activities:</i> Lectures, seminars, examination of case studies and contemporary issues and reading.	<i>Assessment:</i> Essay - 4000 Words (100%)

7024JOURN	News and Professional Practice (20 c) Semester 1	<p><i>Module aim:</i> 1. Identify a news story and produce a well-structured report</p> <p>2. Produce accurate reports for print and media outlets.</p> <p>3. Demonstrate a critical understanding of the importance of accuracy and language skills.</p> <p>4. Demonstrate a critical understanding of broadcast journalism skills.</p>	<p><i>Learning activities:</i> Lectures, Seminars and Workshops</p>	<p><i>Assessment:</i> Print Portfolio (50%) Broadcast Portfolio (50%)</p>
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7025JOURN	Reflecting on Professional Practice (20 c) Semester 1	<p><i>Module aim:</i> 1. To investigate the nature of journalistic skills and requirements.</p> <p>2. To consider, through reflecting on newsroom or freelance routines, how professional issues shape journalistic output</p> <p>3. To investigate the effects of political, social and economic factors on journalistic output through reflections on personal output.</p> <p>4. To identify and analyse the effects of changing technology on journalistic output and the journalism industry.</p>	<p><i>Learning activities:</i> Tutorials</p>	<p><i>Assessment:</i> Portfolio and Reflection (100%)</p>
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7026JOURN	Introduction to UK Journalism (20 c) Semester 1	<p><i>Module aim:</i> 1. Source research and produce original news artefacts for a range of media outlets.</p> <p>2. Develop writing and production skills for a range of news outlets showing a clear understanding of target audiences.</p> <p>3. Produce short bulletins and content for media outlets.</p> <p>4. Show a clear recognition of broadcast conventions in the production of simple packages for broadcast.</p>	<p><i>Learning activities:</i> Lectures, and Workshops</p>	<p><i>Assessment:</i> Portfolio (70%) Class Test (30%)</p>
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Law

4100LAWBL	Skills for Law and Business (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to provide the skills necessary to succeed in the study of law and business.	<i>Learning activities:</i> Lectures Workshops On-line activities	<i>Assessment:</i> Portfolio of work (90%) Self Reflection (10%)
4101LAWBL	Principles of Law and Business (20 c) Semester 1	<i>Module aim:</i> to provide the student with basic understanding of the English Legal System and theories underpinning the study of business.	<i>Learning activities:</i> Lectures Seminars On-Line Activities	<i>Assessment:</i> Business Presentation (50%) Law Essay (50%)
4101LAWCL	Principles of Contract Law (20 c) Semester 1	<i>Module aim:</i> To provide a basis for knowledge, understanding and analysis of the principles of contract law	<i>Learning activities:</i> Lectures and Seminars	<i>Assessment:</i> 2000 words essay (50%) Exam (50%)
4101LAWFL	Foundations of Law (20 c) Semester 1	<i>Module aim:</i> To introduce students to the basic concepts, structures and mechanisms through which English Law develops. To familiarize students with the importance of judicial law-making and the significance of international law. To introduce students to the issues surrounding law and morality and law and justice.	<i>Learning activities:</i> Lectures Seminar Workshop	<i>Assessment:</i> 1500 words essay (45%) Exam (45%) Self Awareness Statement (10%)

4102LAWCL	Independent Learning and Legal Skills (20 c) Semester 1	<i>Module aim:</i> The aim of this module is facilitate the transition of the student to university. The student will be able to develop the essential personal and study skills essential to succeed on an undergraduate law programme. The student will be given the opportunity to develop working relationships with fellow students and their personal tutor in order to develop a sense of belonging. The student will be asked to reflect upon their experiences.	<i>Learning activities:</i> Lectures, learning to learn seminars and second/third year student lead seminars.	<i>Assessment:</i> Transition Portfolio/Learn RPT (60%) Legal Research Essay (40%)
5023LAWCJ	Criminal Justice Process (20 c) Semester 1	<i>Module aim:</i> To explore the social construction of crime To examine the aims and values of the criminal justice process in England and Wales To explore the various stages of criminal justice from policing to punishment To examine the impact of the criminal justice process	<i>Learning activities:</i> Lectures: large group sessions in which all students will receive key information on the issues covered related to the module including what is crime, and key contemporary issues with regard to the police, courts and punishment. Self study: students will be expected to undertake self study and wider reading outside of lectures. This is in order to get the most out of lectures, to prepare for the assessment and to reach their full potential in this module.	<i>Assessment:</i> Positional Statement One (50%) Positional Statement Two (50%)
5101LAWCL	Equity and Trusts (20 c) Semester 1	<i>Module aim:</i> 1.To enable students to demonstrate a firm understanding of both Equity and Trusts. 2.To allow students to be able to apply the core principles of Equity and Trusts to a range of both problem and essay style questions.	<i>Learning activities:</i> Lectures , Workshops, plus one-to-one coursework feedback sessions.	<i>Assessment:</i> 2000 words essay (25%) Unseen exam (75%)

5101LAWFL	Employability and Business Skills (20 c) Semester 1	<p><i>Module aim:</i> 1)To raise awareness of the potential career options available with an LLB degree (both legal and non-legal) and to develop a range of career management skills that will enhance students ability to effectively career plan/manage.</p> <p>2) To develop the attributes of self evaluation and external awareness of the trends/issues currently affecting/facing the employment sector the student is planning to work in.</p> <p>3) Apply and develop a range of key employability skills such as communication skills, time management, initiative/problem solving, IT etc which will improve students competitiveness in the graduate labour market.</p> <p>4)To identify personal skills, abilities, interest and motivations and relate these to career opportunities.</p> <p>5)To engage students in the World of Work Programme.</p>	<p><i>Learning activities:</i> Workshops Mock interviews Work placement/job study.</p>	<p><i>Assessment:</i> Ref Statement -1500 words (50%) 2500 words essay (50%)</p>
5102LAWEU	Law of the EU (20 c) Semester 1	<p><i>Module aim:</i> To convey and understanding of the fundamental doctrines of EU Law To develop an appreciation of the nature of the EU Legal Order To demonstrate how EU confers rights on citizens</p>	<p><i>Learning activities:</i> The first week will be a 2 hour lecture. Each week after that will consist of a one hour seminar based on the previous weeks lecture, followed by a one hour lecture.</p>	<p><i>Assessment:</i> 1500 words Essay (30%) 2 hour Exam (70%)</p>

5103LAWBL	Introduction to Business Law (20 c) Semester 1	<p><i>Module aim:</i> To provide an introduction to the ways in which businesses are set up, managed and might evolve .</p> <p>To explore the different organizational structures that a business can adopt in their start-up and development stages.</p> <p>To consider the relationship between those persons involved in the management of a business under each business model and the powers, rights and duties of such persons as between each other.</p> <p>To provide an introduction to sales law and product liability.</p> <p>To provide a brief introduction to agency.</p> <p>To enable students to apply basic law in a variety of business scenario.</p>	<p><i>Learning activities:</i> Lectures and Seminars Video case study (where appropriate) Case studies and case analysis Research exercises Reading</p>	<p><i>Assessment:</i> Assignment 1 -2500 words Essay (50%) Assignment 2 - 2500 words Essay (50%)</p>
5106LAWPL	Property Offences (20 c) Semester 1	<p><i>Module aim:</i> 1.To introduce the student to the main substantive offences that effect property and the ownership of property.</p> <p>2.To introduce the student to the important element of dishonesty and distinguish between the different types of criminal conduct.</p> <p>3.To develop and harness the knowledge of the student so that they are able to demonstrate which offence is applicable by source and enunciate the relevant statutory and common law principles that must be established to prove that offence.</p> <p>4.To encourage the student to demonstrate an ability to use relevant legal material and present an argument which is both coherent and comprehensible</p>	<p><i>Learning activities:</i> The teaching of the module will consist of lectures and seminars. The lectures are designed to introduce the student to a particular element of evidential law and then provide a sound basis of knowledge, awareness and application of the principles under review. Conversely, seminars are designed for intensive and detailed student input. Accordingly, students need to be thoroughly prepared in readiness for the seminar otherwise the full benefit will be lost.</p> <p>The study of property offences does demand a considerable amount of self-study, reading and research, but is an interesting and vibrant subject area and will improve preparation, analytical, decision making skills.</p>	<p><i>Assessment:</i> 2500 words essay 1 (50%) 2500 words essay 2 (50%)</p>

5107LAWPL	Politics and International Human Rights (20 c) Semester 1	<i>Module aim:</i> To critically assess the scope and limits of human rights law in political context	<i>Learning activities:</i> Learning to use international websites such as the UN archives Finding and downloading key human rights treaties and international instruments, conventions and optional protocols Reading and meeting in discussion groups to facilitate understanding of the readings Students will learn to debate controversial issues in groups Tutorials are geared to facilitate verbal communication and team work.	<i>Assessment:</i> 2500 words essay (50%) 2 Hour Examination (50%)
5201LAWFL	Employability and Commercial Awareness (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to provide students with the skills and knowledge to succeed in the graduate employment market.	<i>Learning activities:</i> integrated Workshops	<i>Assessment:</i> Portfolio (75%) Interview Practice (25%)
6100LAWCL	Media Law (20 c) Semester 1	<i>Module aim:</i> Develop a deeper, more critical understanding of media law. Develop a critical understanding of the philosophy underpinning areas of media law. Identify what the right questions are. Help students develop the ability to critically apply the case law to complex problems. Explore issues of clarification.	<i>Learning activities:</i> Lectures Seminars Seminar, essay and exam preparation	<i>Assessment:</i> 2500 words essay (70%) Exam (30%)

6101LAWPL	Public International Law (20 c) Semester 1	<i>Module aim:</i> To provide students with an understanding of the history, nature and effectiveness of international law; its principal doctrines; the actors and bodies involved in the development and enforcement of international law; and to encourage reasoned, critical analysis and debate of contemporary issues within international law.	<i>Learning activities:</i> Lectures Seminars	<i>Assessment:</i> 2500 words essay (50%) 2 Hour Unseen Examination (50%)
6102LAWAS	Family Law (20 c) Semester 1	<i>Module aim:</i> To provide students with a critical understanding of the legal responses to the formation, dissolution and regulation of domestic partnerships. To critically evaluate the law in relation to the parent/child relationship, domestic violence, children's rights, welfare support, parental separation, divorce and financial provision upon dissolution of marital relationships.	<i>Learning activities:</i> •Students will attend a series of lectures and seminar workshops •The seminar/workshops concentrate on providing guidance on researching and constructing essays. •Workshops are structured around each essay topic. •The first cycle of workshops will engage the students in peer group learning, facilitated by the tutor. The second cycle of workshops will enable the student to discuss their essay approaches and to reflect on the discussions and comments made in the first session. This will enable the student to be provided with summative feedback in the second session and enable the student to not only work on the essays for this Module but to gain general knowledge on how to improve their essay writing techniques.	<i>Assessment:</i> 4500 words Essay (100%)

6102LAWFL	Mediation (20 c) Semester 1	<p><i>Module aim:</i> 1. To increase students' awareness of:-</p> <p>(a) the Mediation process in general; and (b) their own Mediating behaviour and the implicit working assumptions that underlie it.</p> <p>2. To develop students understanding of and how to develop operational frameworks and analytic tools for preparing for and conducting Mediations.</p> <p>3. To help you improve students skills in Mediation, joint decision-making, and joint problem-solving, and to help you to keep refining those skills</p> <p>4. To develop Students employability skills generally in relation to problem solving, teamwork, written communication planning and preparation, acting on initiative, reasoning and information literacy and ICT skills.</p>	<p><i>Learning activities:</i> 1. One 'whole group' lecture, on Mediation,;</p> <p>2. One 'whole group' session on preparing for and planning an effective Mediation and mediation (one session on each skill);</p> <p>3. 10 inter-active 'workshops' on Mediation where students will perform and review their performance in each skill;</p> <p>4. Students will act as peer reviewers in these workshops</p> <p>5. Preparation for the above-mentioned sessions documented via a portfolio on Blackboard.</p> <p>6. Formative feedback on the performance of each skill provided by tutors within each practical/workshop.</p> <p>7. Mock assessments of each skill with formative feedback of each skill provided by tutor.</p>	<p><i>Assessment:</i> Performance and Review (100%)</p>
6103LAWFL	Mooting (20 c) Semester 1	<p><i>Module aim:</i> To provide an understanding of advocacy and mooting and to be able to argue a case on appeal to an appellate court.</p>	<p><i>Learning activities:</i> Lectures Seminars/workshops Seminar and Exam preparation</p>	<p><i>Assessment:</i> Presentation (100%)</p>

6105LAWCL	Intellectual Property (20 c) Semester 1	<p><i>Module aim:</i> 1. To describe each of the rights encompassed by the term "intellectual property"</p> <p>2. To consider the main legal elements pertinent to each right</p> <p>3. To place this study within the broader setting of economic policy and commercial application.</p> <p>4. To consider the impact of new technology on these rights</p>	<p><i>Learning activities:</i> Lectures improve students' note taking skills</p> <p>Tutorial preparation of set tasks with past examination questions for students to attempt and gain informal formative feedback.</p> <p>Independent study takes the form of directed study following on from lectures and in preparing for seminars.</p> <p>Module materials are available on Blackboard (virtual learning environment).</p>	<p><i>Assessment:</i> 2500 words essay (50%) 2 Hour Exam (50%)</p>
6109LAWCL	Bank and Financial Services Regulation (20 c) Semester 1	<p><i>Module aim:</i> Understand the nature and importance of bank and financial services regulation.</p> <p>Develop the students knowledge and understanding of the legal aspects surrounding regulation of banks and financial services.</p> <p>Develop a detailed analysis of the fundamental concepts and principles behind the aims of bank and financial services regulation.</p> <p>Allow students to develop the ability to critically analyse the application of legal provisions relating to the control and regulation of the bank and financial sector.</p>	<p><i>Learning activities:</i> Lectures and Seminars</p>	<p><i>Assessment:</i> Essay 4500 words (100%)</p>

6111LAWCL	Maritime Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce the basics of International maritime law. 2. To develop a critical understanding of commercial maritime issues. 3. To identify the major legal issues when ships enter into difficulty at sea. 4. To consider the adequacy of the current legal structure of the modern maritime contract. 5. To consider the adequacy of the published material in Maritime Law.</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following: Lectures Group work Case Studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4,500 words essay (100%)</p>
6112LAWCL	Advanced Contract Law (20 c) Semester 1	<p><i>Module aim:</i> Develop a deeper, more critical understanding of contract law. Develop a critical understanding of the importance and scope of unjust enrichment as well as its impact on other areas of law. Identify what the right questions are. Help students develop the ability to critically reassess contract law, in particular the law of unjust enrichment. Explore issues of clarification.</p>	<p><i>Learning activities:</i> Lectures Seminars Seminar and essay preparation</p>	<p><i>Assessment:</i> 4500 words essay (100%)</p>
7101LAWLR	Legal Research Skills for Practitioners (10 c) Semester 1	<p><i>Module aim:</i> 1) To provide students with the research tools and skills necessary to undertake and engage successfully in independent legal research study at M level 2) To enable students to present legal issues, disputes and attendant intellectual argument in a structured and comprehensible manner sufficient to embark upon preparation for a M level dissertation.</p>	<p><i>Learning activities:</i> Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars Since this is a level 7 module, great emphasis is put on independent learning.</p>	<p><i>Assessment:</i> 2,500 words (100%)</p>

7115PS	International Maritime Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce the basics of International Maritime Law.</p> <p>2. To develop a critical understanding of commercial maritime issues.</p> <p>3. To consider the adequacy of the current legal structure of the modern maritime contract.</p> <p>4. To appreciate and critically assess contemporary issues surrounding the commercial vessel in law.</p> <p>5. To consider the adequacy of the published material in Maritime Law.</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following:</p> <p>Lectures Group work Case Studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>
7124LAWPL	Contemporary Issues in Global Crime, Justice & Security (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to the basic concepts, institutions and processes of international law.</p> <p>2. To introduce students to the themes of crime, justice and security within a global legal context.</p> <p>3. To provide students with an appreciation of selected contemporary issues of global concern in the context of conceptual themes of crime, justice & security.</p>	<p><i>Learning activities:</i> 2 Introductory lectures Series of 7 substantive seminars</p>	<p><i>Assessment:</i> Essay-Title set by the student (100%)</p>
7125LAWPL	International Criminal Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to the basic concepts, institutions and processes of international criminal law.</p> <p>2. To introduce students to current debates regarding the application of international criminal law</p> <p>3. To provide students with an appreciation of contemporary issues of global concern relating to the prosecution of international crimes</p>	<p><i>Learning activities:</i> 9 substantive seminars</p>	<p><i>Assessment:</i> Essay (5000 words) (100%)</p>

7126LAWPL	Conflict and Warfare in International Law (20 c) Semester 1	<i>Module aim:</i> 1. To consider current controversies in international law pertaining to the use of force between states, within the context of technological advances and the growth in the significance of non-state actors. 2. To provide students with an understanding of legal limitations on methods and means of armed conflict. 3. To explore modern and emerging challenges to the law of armed conflict.	<i>Learning activities:</i> Introductory lecture Series of 8 substantive seminars	<i>Assessment:</i> 5000 word essay (100%)
7127LAWPL	Statehood, Peoples & Statelessness (20 c) Semester 1	<i>Module aim:</i> 1. To provide students with an appreciation of the nature of the state within international law 2. To provide students with an awareness of the causes, consequences and responses to statelessness 3. To provide students with an awareness of the challenges posed to the integrity of the state and international law's response to these	<i>Learning activities:</i> Series of 9 substantive seminars	<i>Assessment:</i> 5000 word essay (100%)
7128LAWPL	Democracy, Rule of Law and Human Rights (20 c) Semester 1	<i>Module aim:</i> 1. To provide students with the opportunity to examine contemporary issues within the broader context of human rights discourse. 2. To provide students with an understanding of, and the ability to critically analyse, key themes of democracy, the rule of law, and human rights within domestic and international law. 3. To provide students with the opportunity to appreciate the relationship between key theoretical concepts studied in the module	<i>Learning activities:</i> 4 lectures 5 student-led seminars	<i>Assessment:</i> 5000 word essay (100%)

7150LAWBC	International Trade & Finance Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically examine and understand theories and practice in respect of global trade.</p> <p>2. To examine and understand the documentary requirements in international trade.</p> <p>3. To gain an understanding of the risks, problems and solutions impacting on trading internationally</p> <p>4. To gain an understanding of the international aspects of finance in international transactions</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following:</p> <p>Lectures Group work Presentations Case studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>
7152LAWBC	International Commercial Contracting (20 c) Semester 1	<p><i>Module aim:</i> 1.To provide students with a thorough and critical knowledge of the rules of contract law from commercial and international perspectives.</p> <p>2.To enable students to read, comprehend and draft commercial contract documents.</p> <p>3.To highlight the key principles of international contracts and the inter-relationship between the commercial and legal aspects of enterprise and innovation.</p> <p>4.To encourage a critical awareness of the importance of commercial contracts in the global business environment.</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following:</p> <p>Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>

7153LAWBC	Global Financial Law & Regulation (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce the basics of the global financial system.</p> <p>2. To introduce the issue of systemic risk in the global financial system.</p> <p>3. To introduce the global nature of the legal structuring and regulation of the global financial system and its financial organisations</p> <p>4. To consider the adequacy of the global governance of the global financial system.</p> <p>5. To consider the adequacy of the global governance of global financial organisations.</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following:</p> <p>Lectures Group work Case Studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>
7159LAWBC	International Intellectual Property Law (20 c) Semester 1	<p><i>Module aim:</i> 1. To review the global nature of Intellectual Property Regimes and the regulatory mechanisms.</p> <p>2. To describe each of the rights encompassed by the term intellectual property.</p> <p>3. To consider the main legal elements pertinent to each right.</p> <p>4. To review the operation of intellectual property regimes through specific global industries, e.g pharmaceuticals, media, information technology.</p> <p>5. To place this study within the broader setting of economic policy and commercial application.</p> <p>6. To consider the impact of new technology on these rights.</p> <p>7. To consider international regulation in the context of a global information society.</p>	<p><i>Learning activities:</i> Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars Since this is a level 7 module, great emphasis is put on independent learning.</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>

<p>7200LAWGD</p>	<p>English Legal System and Legal Research (10 c) Semester 1</p>	<p><i>Module aim:</i> Students will be introduced to the institutions and broad principles underpinning the English Legal System, and gain an ability to undertake research of legal topics and problems using primary and secondary sources.</p>	<p><i>Learning activities:</i> The module will involve a mixture of large group lectures, small group seminars and workshops. Students will also be required to undertake a court visit. The lectures will provide students with understanding of the topics covered by the outline syllabus. The seminars will involve a mixture of group presentations (including a presentation on the court visits) and discussion of set questions on specified topics. Some seminars and workshops will include using library and electronic resources to develop research skills.</p>	<p><i>Assessment:</i> 2000 word essay (100%)</p>
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Management

4052BUSBM	Academic Skills for Business & Management (20 c) Semester 1	<i>Module aim:</i> The module will provide the students with some of the essential skills required to successfully complete their UG degree. Particular emphasis is placed on research, essay/report writing, numeracy and referencing, as a vital areas that are too often under-emphasised by students. Focus is also placed on helping students acquire key transferable skills necessary to a successful academic and professional life, such as time management, critical thinking and reflective learning techniques.	<i>Learning activities:</i> Learning activities will be through lectures, workshops and seminars, where students will be encouraged to engage and ask questions of issues raised, practical sessions and task based learning. Business case studies will be used to create opportunities for the students to apply the theories gained in lectures and seminars.	<i>Assessment:</i> In Class Test (30%) Self awareness (10%) Individual Business Report (60%)
4300BUSBS	BUSINESS PROCESS MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to all aspects of operations management theory and practice in both services and manufacturing; 2. To give students the skills to solve real world operations-related problems.	<i>Learning activities:</i> Each session will involve a lecture followed by a seminar where students will gain practice in the application of various operations management theories, models, tools and techniques. Learning activities include video, games, experiments and case studies.	<i>Assessment:</i> PRESENTATION (40%) REPORT (60%)
4301BUSBS	ORGANISATIONAL BEHAVIOUR (10 c) Semester 1	<i>Module aim:</i> To provide a comprehensive foundation for theoretical and practical applications relevant to the management of behaviour in organisations. To introduce students to the role of the manager, the management process and themes in contemporary management.	<i>Learning activities:</i> Lecture and Seminar	<i>Assessment:</i> REPORT (100%)

5005BPR	Graduate Enterprise (20 c) Semester 1	<i>Module aim:</i> To develop a business idea in response to an identified business opportunity	<i>Learning activities:</i> Lectures Guest speakers Action learning Research activities Business networking Utilisation of business resources	<i>Assessment:</i> Group work business proposal (70%) Reflection on learning (30%)
5051BUSBM	Organisational Behaviour (20 c) Semester 1	<i>Module aim:</i> This module will introduce students to the key concepts of organisational behaviour, managing people, involving an examination of organisational, human resource management and industrial relations theory. This will be achieved through relating relevant theory to practical people and organisational management issues.	<i>Learning activities:</i> Learning activities will take place during lecture, seminars and workshops conducted each week. Students will be provided the opportunity to work in groups and also as individual for different activities such as case study analysis, group presentations and research articles analysis during seminars and workshops.	<i>Assessment:</i> Report (70%) Presentation (30%)
5052BUSBM	Research Methods for Business (20 c) Semester 1	<i>Module aim:</i> Students will examine the different methodological approaches and the benefits which can be gained from each or a mix. Students will also learn different methods of synthesising data and findings that will enable them to develop valid and reliable conclusions that would facilitate informed business choices.	<i>Learning activities:</i> Lectures will cover key methodological concepts and theories alongside the importance of ethics in research. Students will undertake critical examination of these theories and identify different approaches to data collection instrument design and analysis. A review of dominant approaches based on subject area as well as IT session to facilitate usage of software packages will be undertaken. These include software for questionnaire design and both qualitative and quantitative data analysis.	<i>Assessment:</i> Presentation (30%) Report (70%)

5105LBSBW	Investment and Finance (20 c) Semester 1	<i>Module aim:</i> The module is designed to enable the student to use investment appraisal techniques and to critically evaluate investment appraisal activity within the firm. The module will also enable students to demonstrate an awareness of the significance of finance theory and its contemporary and practical relevance.	<i>Learning activities:</i> There are THREE components to learning activity : 1. Lectures - introduction of new material 2. Workshop - Recapping and developing material 3. Seminar - applying and testing of material	<i>Assessment:</i> EXAM (50%) REPORT (50%)
5107LBSBW	Retail Management (20 c) Semester 1	<i>Module aim:</i> To develop and apply an in-depth knowledge and understanding of the issues of the current retail environment To gain an understanding of the various roles and functions of organisational management in retail To provide the opportunity for students to apply their learning to real world problems in retail	<i>Learning activities:</i> Lecture, Seminar, workshop	<i>Assessment:</i> ESSAY (50%) REPORT (50%)
5304BUSBS	INTERNATIONAL INSTITUTIONS, TRADE AND MARKETS (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with the knowledge and skills to understand the international aspects of contemporary business.	<i>Learning activities:</i> Lectures will provide the theoretical foundations to discuss international business. Seminars will be used to look at case studies and analyse academic journal articles. Guest speakers will be invited to share their real-life experience of managing in an international environment.	<i>Assessment:</i> PRESENTATION (30%) EXAM (70%)
5305BUSBS	LAW FOR BUSINESS STUDIES (10 c) Semester 1	<i>Module aim:</i> This module aims to explore the importance of the law to business. The structure of legal environment and the purpose of civil law will be examined.	<i>Learning activities:</i> lecture and seminar	<i>Assessment:</i> ESSAY (100%)

6003LBSAF	Managing People and Organisations (20 c) Semester 1	<p><i>Module aim:</i> The aim of this module is to provide students with an understanding of management issues/decisions and their impact on individuals and the organisation as a whole.</p> <p>The aims of the module are:</p> <ul style="list-style-type: none"> a) To provide an understanding of strategic management issues. b) To examine the competitive environment. c) To examine the role of managers/leaders within the organisation. d) To provide an understanding of the relationship between culture and its impact on individual behaviour. 	<p><i>Learning activities:</i> Lectures and on-line activities to be completed on weekly basis.</p>	<p><i>Assessment:</i> Individual Report 2000 words (20%) Closed Book Examination (80%)</p>
6004BPR	Issues in Crisis Management (10 c) Semester 1	<p><i>Module aim:</i> To illustrate how a crisis can help comprehend corporate culture</p>	<p><i>Learning activities:</i> Workshops, discussions, filmed crisis scenarios and simulations</p>	<p><i>Assessment:</i> Crisis senario (100%)</p>
6051BUSBM	Strategic Management (20 c) Semester 1	<p><i>Module aim:</i> To provide students with a contemporary introduction to the corporate, business and functional level strategies of the organisations;</p> <p>To enable students to examine and analyse both internally and externally corporate challenges ;</p> <p>To develop a comprehensive understanding of the internal business context and products/services in relation to core business processes and functions;</p> <p>To critically analyse the macro and micro environments within an international and global context.</p>	<p><i>Learning activities:</i> The focus of this module is on contemporary practice and therefore learning activities will strongly feature cutting edge cases and applied exercises as well as guest speakers. These will be contextualized by lectures, seminars and workshops.</p>	<p><i>Assessment:</i> individual report (70%) individual presentation (30%)</p>

6052BUSBM	Innovation & Creativity for Business (20 c) Semester 1	<p><i>Module aim:</i> To understand how to create and manage business change which leads to product or service innovation; To understand core and secondary corporate innovation practices enabling business leadership; To present and analyse the strategic process and business informatics necessary for creating novel ideas with commercial viability; To provide sustainable strategies for valuing commercially innovative approaches.</p>	<p><i>Learning activities:</i> This module will employ a range of student-centred learning activities including lecture, workshops, group discussion and seminars to explore and analyse innovative approaches to contemporary business problems. Business cases and examples are going to be engaged to lead the student towards a case-based problem solving</p>	<p><i>Assessment:</i> individual report (70%) Individual presentation (30%)</p>
6053BUSBM	Global Business Environment (20 c) Semester 1	<p><i>Module aim:</i> 1.To understand the drivers of globalisation and to evaluate the surrounding debates on the impact of globalisation for the processes by which companies compete in the global economy; 2. To develop an understanding of the international institutions involved in shaping and regulating the global economy; 3. To assess the implications of globalisation for managers involved in different national business systems; 4. To analyse and explain how and why differences in the organisation of capitalist economies persist, increase or decrease, and which role institutional frameworks play in this process 5.To understand the challenges faced by developed and new emerging markets in managing their development strategies in competitive global environments.</p>	<p><i>Learning activities:</i> The module will be delivered as a series of lectures, seminars, and tutorial workshops where individual activities and small group discussion are actively encouraged. Through lectures, readings, role-playing, and feedback on case studies, students will develop an understanding of the complexity of managing an organisation in a global economy, including the various lens – economic, political, social, legal, etc. – though with a manager must examine his/her options.</p>	<p><i>Assessment:</i> Class Test 2 (60%) Class Test 1 (40%)</p>

6104LBSBW	Innovation & Creativity for Business (20 c) Semester 1	<i>Module aim:</i> To understand how to create and manage business change which leads to product or service innovation; To understand core and secondary corporate innovation practices enabling business leadership; To present and analyse the strategic process and business informatics necessary for creating novel ideas with commercial viability; To provide sustainable strategies for valuing commercially innovative approaches.	<i>Learning activities:</i> This module will employ a range of student-centred learning activities including lecture, workshops, group discussion and seminars to explore and analyse innovative approaches to contemporary business problems. Business cases and examples are going to be engaged to lead the student towards a case-based problem solving	<i>Assessment:</i> individual report (70%) Individual presentation (30%)
6109LBSBW	International Business Organisations (20 c) Semester 1	<i>Module aim:</i> This module explains to students the managerial challenges related to operating internationally for a business organisation.	<i>Learning activities:</i> Lectures will provide the theoretical foundations to discuss international business. Seminars will be used to look at case studies and analyse academic journal articles. Guest speakers will be invited to share their real-life experience of managing in an international environment.	<i>Assessment:</i> ESSAY (100%)
6301BUSBS	STRATEGIC MANAGEMENT (20 c) Semester 1	<i>Module aim:</i> 1.To acquire knowledge about issues and dimensions of strategic management. 2.To recognise the importance of external and internal organisational factors in determining the competitive success of organisations.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> RPT (100%)
6304BUSBS	BUSINESS CONSULTANCY (20 c) Semester 1	<i>Module aim:</i> The aims of this module are for students to develop an understanding of business problems and issues particularly at the strategic level and provide them with the opportunity to apply key academic theories and models in the development of a solution that meets the client's needs.	<i>Learning activities:</i> The students will be given a real life business issue to resolve. A client will come in and set the problem. The students will then work in teams of consultants, with the module team acting as senior consultants to provide support and advice in the design and development of the solution.	<i>Assessment:</i> PRES (40%) REPORT (60%)

6310BUSBS	INTERNATIONAL CORPORATE FINANCE (20 c) Semester 1	<p><i>Module aim:</i> This module is designed to enable students to make corporate financial decisions in an increasingly volatile international marketplace, in order to increase profitability, maintain liquidity and reduce financial risk.</p> <p>The module follows the growth of a company from decisions concerning the acquisition of long-term and short-term sources of finance, to the evaluation of capital investment and ultimately the international marketplace as the company seeks to expand.</p>	<p><i>Learning activities:</i> In order to simulate the World of Work students will be actively involved in the analysis and evaluation of a Case Study throughout the semester. The Case Study, provided to students on the first day of the course, follows the life of a company, from decisions concerning the acquisition of long-term and short-term sources of finance, the evaluation of capital investment, the financing of growth including mergers & acquisitions to ultimately, facing the possibility of liquidation. Students will also be asked to respond to real-time data such as changes in exchange rates, interest rates, oil prices etc and new information such as prices changes, new quotations etc present by the lecturer throughout the semester</p>	<p><i>Assessment:</i> REPORT (100%)</p>
6312BUSBS	MANAGING PERFORMANCE AND ENGAGEMENT (20 c) Semester 1	<p><i>Module aim:</i> The module forms part of the BABS HRM ROUTE which aims to provide the knowledge requirements of the CIPD Certificate HRM Intermediate Standards</p>	<p><i>Learning activities:</i> Lectures are used to introduce different conceptual frameworks in high performance working and engagement and to direct independent study time. The weekly 3 hour seminar allows rich discussion, group work, case studies, role play and the application of theory to practice.</p>	<p><i>Assessment:</i> REPORT (100%)</p>

6314BUSBS	INTERNAL QUALITY MANAGEMENT SYSTEM AUDITING (20 c) Semester 1	<p><i>Module aim:</i> 1. To understand the responsibilities of an Internal Auditor.</p> <p>2. To understand the desired competences necessary and essential for an auditor.</p> <p>3. To understand the role of Internal Audit in the maintenance and improvement of management systems.</p> <p>4. To understand the Process-based Quality Management System Model.</p> <p>5. To understand the Process-based auditing Model.</p> <p>6. To understand how to manage, conduct and report the Internal Audit Process.</p>	<p><i>Learning activities:</i> Students will be involved in role playing exercises. They will also prepare and use relevant audit documentation. They will be presented with "real-life" scenarios to which they will have to apply their auditing skills and report on their findings.</p>	<p><i>Assessment:</i> PORTFOLIO (70%) EXAM (30%)</p>
6316BUSBS	MARKETING FOR EMERGING MARKETS (20 c) Semester 1	<p><i>Module aim:</i> This module highlights the challenges of operating internationally in a global economy by comparing and contrasting international marketing theory based on developed economies with those of emerging markets and regional economies worldwide. Students are taught the key ideological and political philosophies that exist internationally and are given an indication of emerging markets and their position in the global economy. The complexity and marketing challenges are reinforced using student-directed exploration, research, analysis and evaluation in groups of designated emerging markets.</p>	<p><i>Learning activities:</i> Lectures, seminar discussions, case studies, group exercises, group presentations, self-assessment questions.</p>	<p><i>Assessment:</i> essay (40%) exam (60%)</p>

6318BUSBS	INTERNATIONAL BUSINESS ORGANISATIONS (20 c) Semester 1	<i>Module aim:</i> This module explains to students the managerial challenges related to operating internationally for a business organisation.	<i>Learning activities:</i> Lectures will provide the theoretical foundations to discuss international business. Seminars will be used to look at case studies and analyse academic journal articles. Guest speakers will be invited to share their real-life experience of managing in an international environment.	<i>Assessment:</i> ESSAY (100%)
7101MSCENT	Entrepreneurship Concepts and Practice (20 c) Semester 1	<i>Module aim:</i> To enable students to critically assess the different entrepreneurial concepts and practices and its real world application. To enhance student understanding of the entrepreneurial environment and business management.	<i>Learning activities:</i> Key concepts and theories will be discussed and evaluated during lectures. Students will then undertake critical discussion of theories through practical review and debate during workshops. It is envisaged that the theoretical concepts are identified during the lectures, where workshops would explore more practical and real world discussions.	<i>Assessment:</i> Essay/Report (70%) Individual Presentation (30%)
7103MSCENT	The psychology of Entrepreneurship (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the impact of psychology and leadership on entrepreneurial development and business success To understand the variety of approaches and techniques available to motivate and develop staff and colleagues To acquire an understanding and insight into the student's own entrepreneurial strengths and areas for improvement and develop an action plan or strategy for effective working To understand the challenges faced by entrepreneurs in marketing themselves across a variety of industries and sectors	<i>Learning activities:</i> This module will employ a range of student-centred learning strategies including lecture, case study, reflective diary, group discussion, coaching, creative problem-solving exercises and self-directed problem-based-learning.	<i>Assessment:</i> Reflective learning log (40%) Report (60%)

7105MSCENT	<p>INNOVATION, CREATIVITY & TECHNOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop ability to generate creative ideas with commercial viability To apply tools and techniques to enable creative problem solving To appreciate alternative and innovative approaches to business To understand how to manage the innovation and creative design process To understand successful application of innovative technology to business.</p>	<p><i>Learning activities:</i> This module will employ a range of student-centred learning strategies including lecture, case study, group discussion, creative problem solving exercises and self-directed problem based learning.</p>	<p><i>Assessment:</i> Report (75%) Presentation (25%)</p>
7352BUSME	<p>Strategy for Market Performance (20 c) Semester 1</p>	<p><i>Module aim:</i> To enable students to develop meaningful and effective strategic responses and implementation plans across the entire organisation, after undertaking comprehensive strategic analysis of specific business environments.</p>	<p><i>Learning activities:</i> Seminars to include tutor input, student presentations, critiquing of application of theory to practice, critical reflection and reflective and reflexive practice.</p>	<p><i>Assessment:</i> Report and Critical Review (100%)</p>

Maritime

4100MAR	Introduction to Maritime Studies (10 c) Semester 1	<i>Module aim:</i> To introduce students to the roles, functions, features and operations of the maritime sector	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Exam (100%)
4105MAR	Logistics and Freight Forwarding (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the study of logistics and elements of freight forwarding and associated commercial practice.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Report (30%) Exam (70%)
4106MAR	Business Economics (20 c) Semester 1	<i>Module aim:</i> To provide the student with a fundamental knowledge of the economic theory which underpins the theory of organisations	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Report (30%) Exam (70%)
4107MAR	Transport Systems (10 c) Semester 1	<i>Module aim:</i> To introduce students to the roles, functions, features and operations of transport systems.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Exam (100%)
5100MAR	Maritime and Port Regulation (20 c) Semester 1	<i>Module aim:</i> To analyse the range of key legislative instruments which regulate the ports and shipping sectors	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)

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5102MAR	Carriage of Goods Law (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the law and practice in relation to export sales and the movement of goods with particular reference to the carriage of goods by sea.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> 2000 words (30%) Examination (70%)
5105MAR	Environment and Sustainability (20 c) Semester 1	<i>Module aim:</i> To analyse a range of environmental impacts linked to the maritime and logistics sectors, and to appraise regulations and practices which control their effects.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Examination (70%) Report 2000 words (30%)
5107MAR	Transport Operations Management (20 c) Semester 1	<i>Module aim:</i> To examine operational aspects of the various freight transport modes, separately and collectively, and to identify themes and issues across the modes	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
6103MAR	Business Engagement (20 c) Semester 1	<i>Module aim:</i> To provide students with the skills necessary to identify and demonstrate awareness of contemporary issues through engagement with businesses in the sector.	<i>Learning activities:</i> Lectures, tutorials, seminars and self-directed group work	<i>Assessment:</i> Report 2500 words (50%) Group report 3000 words (50%)
6104MAR	Global Logistics and Transport (20 c) Semester 1	<i>Module aim:</i> To study the concept and practice of intermodal freight transport from the viewpoints of operators, shippers and governments, and to examine the structure of intermodal operations as an integral part of a logistics system.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
7141MAR	Export Trade Law (10 c) Semester 1	<i>Module aim:</i> To develop an understanding of the law and practice in relation to export sales and the movement of goods (with particular reference to the carriage of goods by sea).	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)

7142MAR	Global Transport Systems (10 c) Semester 1	<i>Module aim:</i> To develop an insight into freight transport operations on an international scale, with particular reference to the role of intermodality	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7144MAR	International Trade (10 c) Semester 1	<i>Module aim:</i> To develop an understanding of the key influences affecting the international trade market, with particular reference to the impact they have on global logistics flows	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7145MAR	Legal Principles (10 c) Semester 1	<i>Module aim:</i> To introduce students to the legal systems of England and of the EU and to provide a basis of knowledge of the common law that underpins commerce. This module will serve as an essential foundation for the other legal modules within the programme.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written report (100%)
7148MAR	Maritime Business and Management (10 c) Semester 1	<i>Module aim:</i> Analyse the fundamental managerial concerns normally attended to by senior management in the Maritime Industry	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7150MAR	Maritime Law (10 c) Semester 1	<i>Module aim:</i> To provide an in-depth understanding of the admiralty topics within maritime law.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)

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7154MAR	Port Business Strategy (10 c) Semester 1	<i>Module aim:</i> To provide students with insight to the strategic management of ports in dynamic, competitive environments	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7156MAR	Project Management (10 c) Semester 1	<i>Module aim:</i> To develop a sound understanding of the fundamental concepts of managing projects.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Report (30%) Time constrained work (70%)
7157MAR	Research Skills (10 c) Semester 1	<i>Module aim:</i> To provide students with the basic research techniques and academic writing skills to equip them for effective study at Masters level.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)

Marketing

4030BUSMK	Professional Skills Development 1 (10 c) Semester 1	<i>Module aim:</i> To enable students to develop the skills necessary to be effective learners and develop a professional consciousness in order to facilitate their learning and enhance their employability.	<i>Learning activities:</i> Lectures workshops and on line multimedia teaching materials including specifically targeted help videos and media content	<i>Assessment:</i> Evidence up to 2500 words (100%)
4032BUSMK	Foundation of Marketing 1 (20 c) Semester 1	<i>Module aim:</i> To introduce students to the underlying principles of marketing as a whole and a range of specific marketing activities	<i>Learning activities:</i> Lectures Seminars Student centred feedback and feed forward	<i>Assessment:</i> Group (max 4) 2500 word rept (100%)
4033BUSMK	Management in Practice (20 c) Semester 1	<i>Module aim:</i> This course offers to marketing students an introduction to key concepts underpinning management theory and an overview of key management functions. Core topics related to management practices will be covered.	<i>Learning activities:</i> Through directive learning, class discussions, case studies and group presentations the students are encouraged to engage in a critical and practical understanding of management and its functional areas.	<i>Assessment:</i> Group work report 1,000 words (40%) Individual essay 1,500 words (60%)

5031BUSMK	Contemporary Marketing Context (20 c) Semester 1	<i>Module aim:</i> This course will address issues related to marketing in contemporary culture of consumption. In general, this module will use ideas from different disciplines to discuss how and why marketing has developed, and continues to develop, as an academic discipline and a business practice. In particular, the course will cover theories that help explain the various relationships between markets and consumption relevant to marketing in a global cultural context.	<i>Learning activities:</i> To accommodate different needs and learning styles it will be used a combination of pedagogical tools in classroom: lecturing, in-class discussions, audio-visual materials, small group-work and project work. Further, blended learning will be fostered via students' online interaction using the university VLE platform.	<i>Assessment:</i> Poster prestn. in pairs (30%) Individual essay - 2,250 words (70%)
5033BUSMK	Communicating the Brand (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to provide students with the knowledge and skills to analyse a wide range of organisational brands and understand how they are contributing to organisational value.	<i>Learning activities:</i> This module will consist of a weekly 1 hour lecture, 2 hour seminar and 1 hour workshop. The lecture will be interactive with the main theoretical concepts presented and applied to appropriate case studies. The seminar will explore key areas of theory relating to branding in detail with case study activities used to apply the theory presented in the lecture in practice. These sessions will be based on group work, individual activities and encourage idea generation. The workshop will focus on key concepts identified in the lecture and seminar in detail and allow students to practice their research, writing and presentation skills. Individual and group activities will be used to stimulate discussion and these sessions will be student led.	<i>Assessment:</i> 3,000 word Report (100%)

5035BUSMK	Strategy for Marketers (20 c) Semester 1	<i>Module aim:</i> This module aims for students to be able to acquire knowledge about issues and dimensions of strategy in relation to marketing activities. To recognise the importance of both internal and external organisational factors, in determining the competitive success of organisations, as well as the marketing activities that influence this success. It also aims for students to appreciate the key issues when implementing marketing orientated strategy, and for students to be able to apply theoretical knowledge to practical situations involving strategic management and marketing.	<i>Learning activities:</i> Lectures will be taught over a two hour block, one a week in semester one. They will be front loaded into the module, this is to ensure students have key information early and are able to reflect upon their learning. This will also enable time to be allocated to workshops that will give students the opportunity to practice answering case study questions in preparation of their case study exam towards the end of the semester. Seminars will run right through the semester and are designed to reinforce the theory and application, with students identifying how strategy from a marketing orientation is applied to real world situations.	<i>Assessment:</i> 3 Hour Exam (100%)
6031BUSMK	Consumer Psychology (20 c) Semester 1	<i>Module aim:</i> This module builds upon the Level 4 Consumer Behaviour module and further drills down how the psychological elements of human cognition, such as attention and memory, apply to the understanding of consumers and their behaviours in a marketing context.	<i>Learning activities:</i> Lectures will be taught over a two hour block, one a week in semester one. All topics will start with a dedicated reference to the academic foundation of the psychological aspect of the topic, with the latter part of the lecture dedicated to the application to marketing context. Seminars are designed to reinforce the theory and application, with students identifying how consumer psychology is applied to real world situations.	<i>Assessment:</i> 3 Hour examination (100%)
6032BUSMK	Digital Marketing (20 c) Semester 1	<i>Module aim:</i> This module will introduce the key theoretical elements of Digital Marketing and the contribution it can make to an integrated marketing communication campaign.	<i>Learning activities:</i> Lectures, seminars and tutorials	<i>Assessment:</i> 3hr Exam (100%)

6038BUSMK	Global Marketing (20 c) Semester 1	<i>Module aim:</i> To analyse the principles and techniques involved in marketing strategically within an international context.	<i>Learning activities:</i> Lectures Seminars, Case Analysis Group work Class discussion Individual assignment	<i>Assessment:</i> 3,500 word report (100%)
6107LBSBW	Marketing for Emerging Markets (20 c) Semester 1	<i>Module aim:</i> This module highlights the challenges of operating internationally in a global economy by comparing and contrasting international marketing theory based on developed economies with those of emerging markets and regional economies worldwide. Students are taught the key ideological and political philosophies that exist internationally and are given an indication of emerging markets and their position in the global economy. The complexity and marketing challenges are reinforced using student-directed exploration, research, analysis and evaluation in groups of designated emerging markets.	<i>Learning activities:</i> Lectures, seminar discussions, case studies, group exercises, group presentations, self-assessment questions.	<i>Assessment:</i> ESSAY (40%) EXAM (60%)

7020DMKT	Digital Marketing in Context (20 c) Semester 1	<p><i>Module aim:</i> 1. To develop a theoretical and practical understanding of current issues and trends in digital marketing.</p> <p>2. To introduce students to the impact of digital marketing on organisations and customers.</p> <p>3. To analyse the nature of the digital marketing function and understand the importance of an integrated marketing strategy within the modern organisation.</p> <p>4. To evaluate creative content and appropriate technologies to engage and retain customers.</p> <p>5. To understand the digital marketing industry and contributions of associated bodies.</p>	<p><i>Learning activities:</i> This module will employ a range of learning activities including lectures, case studies, student led discussions, practical activities (e.g. design a viral campaign, create visual content).</p>	<p><i>Assessment:</i> Creative & Interactive DM blog (60%) Portfolio of prof development (40%)</p>
7021DMKT	Digital Marketing Current and Emerging Technologies (20 c) Semester 1	<p><i>Module aim:</i> To enable students to exploit digital technologies in line with companies' marketing objectives</p>	<p><i>Learning activities:</i> This module is delivered through a series of workshops involving theoretical and practical work.</p>	<p><i>Assessment:</i> Online presence with report (100%)</p>
7022DMKT	Marketing, Consumer & Business Insights (20 c) Semester 1	<p><i>Module aim:</i> 1. To understand the nature of the marketing function and the importance of a marketing orientation within the modern organisation.</p> <p>2. To manage the marketing function as a practical entity based on relevant and appropriate management theory.</p> <p>3. To communicate the value-added benefits of marketing to internal and external stakeholders.</p> <p>4. To introduce students to the economic, social, psychological and technological dimensions of buyer behaviour.</p> <p>5. To demonstrate how buyer behaviour inform marketing decision making.</p>	<p><i>Learning activities:</i> This module will employ a range of student-centred learning strategies, including lectures, case studies, group discussions and problem based learning.</p>	<p><i>Assessment:</i> Report (50%) Essay (50%)</p>

Maths

4110MATHS	LINEAR ALGEBRA (20 c) Semester 1	<i>Module aim:</i> To provide the basic concepts and techniques of linear algebra. To develop manipulative skills in matrix algebra. To utilise appropriate software packages with linear algebra facilities, e.g. MAPLE/MATLAB/MAXIMA. Complete a World of Work Skills Reflection	<i>Learning activities:</i> Lectures will introduce concepts, which students will practise in MAPLE TA	<i>Assessment:</i> Maple TA in-class test. (45%) Self Awareness Statement (10%) Maple TA in-class test. (45%)
4111MATHS	MODELLING 1 (20 c) Semester 1	<i>Module aim:</i> To introduce the student to fundamentals of algebra and functions which will be Built environment upon in mathematical methods in Semester 2 and complements applications in modelling 2	<i>Learning activities:</i> Lectures, tutorials, laboratory session, directed study	<i>Assessment:</i> Continual online assessment (50%) Curve sketching 2000words (50%)
4112MATHS	MATHEMATICAL COMPUTER PROGRAMMING (20 c) Semester 1	<i>Module aim:</i> To develop IT problem solving skills To become familiar with a range of mathematical programming techniques To gain an understanding of how software is developed To prepare students for mathematical software development at higher levels, both work and study	<i>Learning activities:</i> Lectures – to introduce the programming theories and techniques Lab exercises – programs for students to write and test. Further exercises – practical examples for students to work on in their own time Directed reading – background reading to enable the lab work to be completed.	<i>Assessment:</i> Coursework 1 (40%) Coursework 2 (60%)

4172CSD	Applied Maths: The Essentials (20 c) Semester 1	<i>Module aim:</i> In a modern world, many of the underlying technological principles are hidden from the end user but as creative designers, we need a good level of understanding of technology to create that smart environment. The application of mathematical principles is so very often at the heart of good design. Applied Maths provides those essential tools necessary for successful creations.	<i>Learning activities:</i> Lectures, Workshops, Guided Private Study	<i>Assessment:</i> Final examination (50%) On-line weekly tests (50%)
5100MATHS	FURTHER MATHEMATICAL METHODS (20 c) Semester 1	<i>Module aim:</i> To further the study of mathematical methods in the areas of multidimensional calculus such as partial differentiation and multiple integration and applications, together with elements of discrete mathematics such as linear programming, difference equations, graph theory & networks, game theory, etc.	<i>Learning activities:</i> Lectures reinforced by tutorial classes and online problems.	<i>Assessment:</i> Multivariable Calculus (30%) Examination (70%)
5101STATS	STATISTICAL MODELLING (20 c) Semester 1	<i>Module aim:</i> To enable the students to understand and use simple and multiple linear regression models. To enable the students to understand and use one-way and two-way Analysis of Variance models. To give the students an overview of the statistical modelling process. To extend the students' knowledge and understanding of linear statistical models. To introduce the students to basic ideas of experimental design. To give the students experience of using statistical models in practice.	<i>Learning activities:</i> Lectures, tutorials and computing sessions.	<i>Assessment:</i> Portfolio (40%) Examination (60%)

5104MATHS	PERSONAL AND PROFESSIONAL DEVELOPMENT (20 c) Semester 1	<i>Module aim:</i> To develop employability skills focusing on career management, recruitment and selection. To develop presentation skills. To develop the ability to self-analyse and reflect through the coverage of World of Work Silver and World of Work Gold. To develop advanced IT skills. To develop an entrepreneurial mindset.	<i>Learning activities:</i> Lectures, Tutorials and coursework assignments. External speakers from industry.	<i>Assessment:</i> CV and Presentation (50%) IT and Entrepreneurship (50%)
6105STATS	STATISTICS IN THE WORKPLACE (20 c) Semester 1	<i>Module aim:</i> This module aims to give students an experience of campus-based work related learning focusing on the role of a statistician in industry and how statistical methods are applied in both manufacturing and business.	<i>Learning activities:</i> Lectures from staff and/or invited industrial statisticians, tutorials and laboratory sessions.	<i>Assessment:</i> Portfolio (100%)
6109MATHS	ADVANCED CALCULUS (20 c) Semester 1	<i>Module aim:</i> Extend students' mastery of calculus in application areas such as vectors, complex numbers transforms and series.	<i>Learning activities:</i> Lectures and tutorials, solving problems in vector and complex calculus and transformations.	<i>Assessment:</i> Application case study (40%) Examination (60%)
6110MATHS	MATHEMATICAL BIOLOGY (20 c) Semester 1	<i>Module aim:</i> This course will teach the application of mathematical models to a variety of problems in biology and medicine. The aims of the course are: To introduce mathematical models of biological systems and techniques for analysing them. To enable students to appreciate and understand how mathematics can be used to model biological systems.	<i>Learning activities:</i> Lectures, tutorials, directed reading.	<i>Assessment:</i> Coursework (30%) Examination (70%)

Mechanical engineering

4101MECH	Engineering Mathematics 1a (10 c) Semester 1	<i>Module aim:</i> To provide a foundation in engineering mathematics for its application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> Online Assessment (100%)
4103MECH	Applied Mechanics 1 (20 c) Semester 1	<i>Module aim:</i> To introduce the essential principles of applied mechanics	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Exam (60%) VLE Based Test (40%)
4105MECH	Materials (20 c) Semester 1	<i>Module aim:</i> The module will introduce the essential principles of material science.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (60%) VLE Based Test (40%)
5102MECH	Engineering Mathematics 2 (10 c) Semester 1	<i>Module aim:</i> To provide a foundation in engineering mathematics for application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials	<i>Assessment:</i> Online assessment (100%)
5103MECH	Materials and Processes (10 c) Semester 1	<i>Module aim:</i> To have a thorough understanding of the properties and applications of a range of structural engineering materials and their associated manufacturing processes.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (60%) Port (40%)

5104MECH	Applied Mechanics 2 (20 c) Semester 1	<p><i>Module aim:</i> To provide the means for solving many basic engineering problems by learning the principles of mechanics for rigid and deformable solid bodies.</p> <p>Learning Outcomes After Completing the module the student should be able to:</p> <ol style="list-style-type: none"> 1. Determine stresses and strains in an elastic continuum 2. Assess modes of failure for components under bending and torsional loading 3. Determine the equations of motion for rigid bodies undergoing translation, rotation about fixed axes and general plane motion. <p>Analyse the dynamical behaviour of systems with one-degree-of-freedom by applying the notions of stiffness, damping, natural frequency, rate decay.</p> <ol style="list-style-type: none"> 4. Determine mathematical models for systems with two-degree-of-freedom, analyse their dynamical behaviour in terms of natural frequencies and modes and evaluate solutions for vibration control. 	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (60%) VLE Based Tests (40%)
5107MECH	Engineering Practice 2 (20 c) Semester 1	<p><i>Module aim:</i> To enable students to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences including laboratory's and report writing skills required of a professional engineer.</p>	<i>Learning activities:</i> Laboratory experiments, tutorials, online tests	<i>Assessment:</i> Experimental Practice (50%) Professional Dev Silver Award (10%) Literature Review (40%)
6102MECH	Engineering Analysis (20 c) Semester 1	<p><i>Module aim:</i> The module will introduce students to computational engineering analysis using finite element analysis (FEA) and computational fluid dynamics (CFD) and will extend their experience and skill with the aid of industry standard software.</p>	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Invigilated VLE Test (40%) VLE test with seen part (60%)

6104MECH	Industrial Management (20 c) Semester 1	<i>Module aim:</i> This module is designed to develop the core management techniques required to design, implement and plan a new product or process.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (70%) Coursework assignment (30%)
6106MECH	Strategic Management (20 c) Semester 1	<i>Module aim:</i> To enable students to develop an understanding of the nature of strategy formulation and implementation through an analysis of the debates and issues in current management strategies discourse	<i>Learning activities:</i> Lectures, tutorials	<i>Assessment:</i> Examination (70%) Case study report (30%)
6107MECH	Manufacturing Operations Management (20 c) Semester 1	<i>Module aim:</i> The module deals with modern, world class service and manufacturing operations management and quality control principles. The work explores: The relationship between manufacturing data and organisation in terms of planning, scheduling and cost, lean/agile manufacturing, and modern quality control management principles in world class organisation.	<i>Learning activities:</i> Lectures, tutorials and private study	<i>Assessment:</i> Examination (70%) Analysis and written report (30%)
6108MECH	Fluid Dynamics and Heat Transfer (10 c) Semester 1	<i>Module aim:</i> To further develop the essential principles of Fluid Dynamics and Heat Transfer	<i>Learning activities:</i> A combination of lectures, tutorials and practical sessions	<i>Assessment:</i> Examination (70%) Portfolio (30%)
6110MECH	Materials Engineering (10 c) Semester 1	<i>Module aim:</i> To provide an in-depth understanding of advanced engineering materials together with techniques for material property and performance improvements.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (70%) Portfolio (30%)

6112MECH	Manufacturing Processes and Industrial Automation (10 c) Semester 1	<i>Module aim:</i> This module will deliver a broad introduction to industrial automation, and cover policy and logistical considerations that drive process solutions. The participants will work on automation and assembly problems and cultivate a deep understanding of electronic, electrical and pneumatic control.	<i>Learning activities:</i> Series of lectures and tutorials supported by practical work.	<i>Assessment:</i> Examination (70%) Portfolio (30%)
6114MECH	Vehicle Dynamics (10 c) Semester 1	<i>Module aim:</i> This module aims to provide Automotive engineers with specialist knowledge relating to the performance of road vehicles. It considers the motion of the vehicle in response to driver inputs, road load and propulsion forces.	<i>Learning activities:</i> Lectures, tutorials and demonstrations using software, or in a laboratory	<i>Assessment:</i> Examination (70%) Portfolio (30%)
7003MSC	Finite Element Analysis (10 c) Semester 1	<i>Module aim:</i> The module extends the students existing knowledge of the finite element method to an advanced level. Whilst the theoretical aspects of the method will be covered in lectures the module is intended to be practical in nature with students having the opportunity to practice via a range of tutorials and assignments using industry standard software.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Invigilated V.L.E Test (40%) FEA Project (60%)
7005MSC	Alternative Energy Systems (10 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide a comprehensive introduction to alternative power generation systems. The module will review the environmental issues surrounding existing methods of power generation and concentrate alternative and renewable sources.	<i>Learning activities:</i> A series of lectures.	<i>Assessment:</i> Portfolio (100%)

7006MSC	Advanced Materials Engineering (10 c) Semester 1	<i>Module aim:</i> To develop a wide knowledge of advanced materials and to study the materials selection process involved in the design and manufacture of engineering products.	<i>Learning activities:</i> A series of lectures supported by tutorials, seminars, case studies and practical laboratory work	<i>Assessment:</i> Examination (70%) Materials Properties Selection (30%)
7007MSC	Marine Design Engineering (20 c) Semester 1	<i>Module aim:</i> The aim the module is to provide students with the appropriate level of marine engineering knowledge and expertise required of an effective member of a marine engineering design team.	<i>Learning activities:</i> Formal lectures, Tutorials, Videotapes.	<i>Assessment:</i> Examination (70%) Portfolio (30%)
7009MSC	Maritime and Offshore Safety Analysis (20 c) Semester 1	<i>Module aim:</i> To enable students to understand and implement the requirements of formal safety design, assessment and review in marine, offshore and port areas.	<i>Learning activities:</i> By a combination of lectures and tutorials.	<i>Assessment:</i> Examination (70%) Safety Analysis Report (30%)
7010MSC	Manufacturing Processes Engineering (10 c) Semester 1	<i>Module aim:</i> To provide a broad understanding of advanced manufacturing technologies and their applications.	<i>Learning activities:</i> A combination of lectures, tutorials and practical sessions.	<i>Assessment:</i> Examination (70%) Portfolio 1 (15%) Portfolio 2 (15%)

7011MSC	Automation Systems (10 c) Semester 1	<i>Module aim:</i> To have an awareness of relevant safety standards for Emergency Stop systems To have an awareness of ATEX equipment and standards To have an awareness of PLC Programming and Fieldbus standards To research current developments in Automation by reviewing current papers To use simulation techniques utilising industry standard software to analyse throughput speeds of PLC and bus systems	<i>Learning activities:</i> A series of lectures supported by tutorials including practical simulation activities.	<i>Assessment:</i> Exam (70%) Report (30%)
7015MSC	Project Management (10 c) Semester 1	<i>Module aim:</i> To develop a sound understanding of the fundamental concepts of managing projects	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Report (30%) Time Constrained Coursework (70%)
7016MSC	Safety and Reliability (10 c) Semester 1	<i>Module aim:</i> This module covers the application of modern risk management techniques for the identification, evaluation and control of the risk to enable improvements in the safety and reliability of engineering systems.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (70%) Report (30%)
7111MECH	Advanced Materials and Manufacturing Processes (20 c) Semester 1	<i>Module aim:</i> To provide a broad understanding of advanced materials, manufacturing technologies and their applications.	<i>Learning activities:</i> A combination of lectures, tutorials and practical sessions.	<i>Assessment:</i> Examination (70%) Portfolio 1 (30%)
7230DRO	Research Methods (10 c) Semester 1	<i>Module aim:</i> The aims of this module are to prepare the students to undertake their own research projects and to deliver the required skill set for successful completion of their investigations.	<i>Learning activities:</i> The project will be supported by regular lectures and supporting tutorials/seminars	<i>Assessment:</i> Literature review and critique (50%) Project planning document (50%)

Media and cultural studies

4100MEDCUL	Studying Culture (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to academic literacy and the more specialised demands of media cultural and communication research.</p> <p>2. To introduce students to the key approaches, issues, theoretical concepts and debates in the study of lived culture.</p> <p>3. To introduce students to a range of key debates and approaches to study of media, culture and communication.</p>	<p><i>Learning activities:</i> Lectures, task based workshops and reading based seminars.</p>	<p><i>Assessment:</i> Group presentation (40%) Self Awareness Statement (10%) 2000 words essay (50%)</p>
4101MEDCUL	Media Texts (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to a range of methods for studying media texts.</p> <p>2. To provide students with an understanding of key theories for the analysis of media, communication and cultural texts.</p> <p>3. To examine the key concept of media representation, illustrating its relevance for an understanding of contemporary socio-cultural debates.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> 1500 words essay (30%) 2000 words essay (70%)</p>
4102MEDCUL	Researching Cinema (20 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to entertainment media and the contexts in which it is produced and consumed.</p> <p>2. To introduce students to the study of popular film through analysis of the formal properties and techniques specific to the medium and the analysis of comparative style, genre and narrative structure.</p> <p>3. To introduce students to different approaches to reading, conceptualising and understanding cinema experience.</p>	<p><i>Learning activities:</i> Lectures, Workshop, Seminars.</p>	<p><i>Assessment:</i> 1000 words plan (25%) 2500 words essay (75%)</p>

5100MEDCUL	Public Communication (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to ways of analysing public communication as both a textual form and cultural practice. 2. To support students in the development of work related transferable skills. 3. To provide students with the opportunity to undertake and reflect upon professional practice in media, cultural and communication industries.	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> 10-12 min group pitch (60%) 1500 words reflection (40%)
5101MEDCUL	Analysing Entertainment Media (20 c) Semester 1	<i>Module aim:</i> 1. To examine how narrative forms interrelate with the society in which they are produced and consumed. 2. To consider the historical development and conceptual models which inform the close study of popular narrative texts. 3. To critically examine the nature of popular television institutions, production, texts and reception.	<i>Learning activities:</i> Lectures, Seminars, Workshops, Screenings.	<i>Assessment:</i> 1500 words glossary (50%) 2000 words essay (50%)
5102MEDCUL	Research Methods (20 c) Semester 1	<i>Module aim:</i> 1. To enable students to use primary sources in the investigation of historical and contemporary cultural and communication practices. 2. To enable students to understand the central role of research questions in the analysis of media, culture and communication texts and practices. 3. To enable students to select effective investigative strategies appropriate for media, culture and communication research.	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> 2000 words essay (50%) 2000 words portfolio (50%)

6103MEDCUL	Culture and Identity (20 c) Semester 1	<p><i>Module aim:</i> 1. To use a range of concepts to critically review the relationship between culture and individual and collective identities.</p> <p>2. To critically evaluate theoretical concepts and assess their usefulness for interrogating relevant analytical case studies.</p> <p>3. To provide the opportunity for students to undertake critical analysis and evaluation of an appropriate self-selected case study.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> 1500 words critical reading (30%) 2500 words analysis (70%)</p>
6104MEDCUL	Media Policy and Regulation (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically examine media policies, paying attention to the contextual factors that influenced their development.</p> <p>2. To reflect on the role that policy and regulation plays in the ethical decision making processes of media practitioners.</p> <p>3. To engage with key debates regarding media regulation and law in order to understand the perspectives of different stakeholders.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops, Tutorials.</p>	<p><i>Assessment:</i> 1500 words report (40%) 2500 words essay (60%)</p>
6105MEDCUL	Screen Media (10 c) Semester 1	<p><i>Module aim:</i> 1. To offer students the opportunity to develop critical, analytical and evaluative skills appropriate to the textual study of screen media.</p> <p>2. To identify and critically evaluate the discursive roots of given examples drawn from screen media.</p> <p>3. To offer students the opportunity to develop a critical understanding of screen media narratives and their historical contexts.</p>	<p><i>Learning activities:</i> Lectures, Seminars.</p>	<p><i>Assessment:</i> 2000 words textual analysis (100%)</p>

6106MEDCUL	Youth Cultures (10 c) Semester 1	<p><i>Module aim:</i> 1. To examine how youth cultures have been represented in academic discourse from the post World War II period to the present day.</p> <p>2. To explore key conceptual, theoretical and methodological frameworks for understanding youth culture.</p> <p>3. To consider youth culture as a lens through which to explore wider debates in media, culture and communication (for example consumption).</p>	<i>Learning activities:</i> Lectures, Seminars.	<p><i>Assessment:</i> 2000 words critical review (100%)</p>
6114MEDCUL	Archive Research Project (40 c) Semester 1	<p><i>Module aim:</i> 1. To enable students to evaluate and assess primary research material in context for academic & public dissemination.</p> <p>2. To gain experience in curating & documenting an exhibition.</p> <p>3. To research methodological, logistical, ethical, economic & social issues impacting on archives & special collections.</p>	<i>Learning activities:</i> Presentation, Lectures, Seminars, Workshops, Tutorials.	<p><i>Assessment:</i> Exhibition & Catalogue (30%) Report 5000 Words (70%)</p>

Media production

4013MEDIA	Digital Media Tools (20 c) Semester 1	<i>Module aim:</i> 1. To explore the creative potential of digital software. 2. To apply techniques for image and video manipulation and audio production. 3. To critically evaluate process.	<i>Learning activities:</i> Through lectures, workshops and tutorials students will be introduced to a variety of applications and develop the necessary production methodologies to manipulate static and dynamic content. Students will also explore aspects of audio production techniques and be introduced to ideas about non-linear ways of conveying information and stories.	<i>Assessment:</i> Practical production (60%) Website (40%)
4015MEDIA	Production Practice (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to the conventions and techniques of single-camera video production 2. To explore the creative aspects of the moving image in story telling in a group practical situation 3. To provide students with a thorough grounding in the organisational procedures that surround documentary production practice.	<i>Learning activities:</i> Lectures, tutorials, practical workshops and screenings.	<i>Assessment:</i> Portfolio of Practice (100%)
4022MEDIA	Understanding Narrative (20 c) Semester 1	<i>Module aim:</i> 1. To introduce students to theories about narrative. 2. To equip students with the knowledge to understand how narratives are constructed. 3. To provide students with the critical skills and language to discuss narrative.	<i>Learning activities:</i> Lectures will provide introductions to narrative theories which will then be discussed in seminars. Tutorials will provide individual support.	<i>Assessment:</i> Essay 2,500 words (50%) 10 minute Presentation (50%)

5013MEDIA	Compositing and Post Production (20 c) Semester 1	<i>Module aim:</i> 1. To introduce a variety of digital manipulation tools and techniques. 2. To explore appropriate techniques to enhance the 'story'. 3. To provide an opportunity to devise and develop a short motion sequence.	<i>Learning activities:</i> Through lectures, workshop and short practical sessions students will gain an understanding of the narrative and creative extent provided by post-production techniques. Regular group critiques and peer review sessions will share good practice.	<i>Assessment:</i> Practical (75%) Reflective Dossier (25%)
5015MEDIA	Drama (20 c) Semester 1	<i>Module aim:</i> 1. To provide a concentrated opportunity as part of a team to contribute effectively and creatively to the adaptation, interpretation, research, performance, design and production of a short film drama. 2. To foster creative thinking i.e. imaginative responses to production challenges both in terms of creative expression and designing solutions to problems throughout the production process.	<i>Learning activities:</i> Students engage in the following production processes: 1. Film drama script adaptation, interpretation and fictional character development 2. Find and cast actors 3. Rehearse and direct actors both in terms of performance representation and for the camera 4. Research and dress locations 5. Design and find/make costumes and props 6. Organise and plan production schedules 7. Self-crew all filming and editing 8. Articulate editorial reasoning	<i>Assessment:</i> Practical Assignment (75%) Reflective Dossier (25%)
5018MEDIA	Applying for Placements & Jobs (10 c) Semester 1	<i>Module aim:</i> 1. To develop an understanding of employment in the media and how media professionals obtain work. 2. To enhance CV writing skills and covering materials to improve students chances of gaining placements/ future employment.	<i>Learning activities:</i> Lectures, tutorials, guest industry HR speakers from media industry, guest speakers from Erasmus, local media industry, LJMU careers experts on writing CVs, alumni with UK & international placement experience.	<i>Assessment:</i> CV and Covering Letter (90%) Organisational Awareness (10%)

5020MEDIA	Digital Media Ethics, Compliance and Copyright (10 c) Semester 1	<i>Module aim:</i> 1. To understand why the issues of Digital Media Ethics, Compliance and Copyright are important for the media industry. 2. To understand the principles of Digital Media Ethics, Compliance and Copyright. 3. To be aware of current legislation and practice concerning Digital Media Ethics, Compliance and Copyright.	<i>Learning activities:</i> Lectures will introduce debates and deliver information about Digital Media Ethics, Compliance and Copyright. Guest lectures will help to identify the relevance of these issues to media practice. Seminars will provide an opportunity for students to debate the issues.	<i>Assessment:</i> Essay - 2,500 words (100%)
6014MEDIA	Creative Media Practice (20 c) Semester 1	<i>Module aim:</i> 1. To experiment with and evaluate creative media technologies 2. To enhance the students' ability to develop, convey and implement creative media ideas. 3. To appreciate the value of practice based research	<i>Learning activities:</i> During the first part of the module, lectures and workshops will introduce students to a variety of technologies concerning interaction with and presentation of media artefacts within a number of viewing contexts. During the final part of the module, students will, individually, research, develop a prototype. At the end of the module, students will present their outcomes to staff and peers.	<i>Assessment:</i> Artefact (75%) Reflection (25%)
6017MEDIA	Research Practice (10 c) Semester 1	<i>Module aim:</i> To equip students with research skills in preparation for the Dissertation module. To identify and explore research sources in their chosen area of interest. To outline an appropriate area of study, title and structure for a Dissertation	<i>Learning activities:</i> Students will be introduced to research techniques in the first half of the semester. Students will meet in areas of research interest to share and discuss their progress. Two tutorials will guide students in selecting an area to work in and in preparing to complete a literature review. In the second part of the module students will develop a dissertation proposal and two tutorials will support them to develop the proposal.	<i>Assessment:</i> Essay - Proposal (100%)

7001DOC	Documentaries in Context (20 c) Semester 1	<i>Module aim:</i> 1. For students to gain an understanding of the range of documentary genres 2. To understand the legal and ethical considerations involved in documentary making 3. To gain a detailed insight into the functioning of the independent documentary sector	<i>Learning activities:</i> The module will involve a series of lectures, including from guest speakers from industry, outlining important aspects of documentary-making with learning consolidated through tutorial support	<i>Assessment:</i> Essay Project (50%) Ethics Essay (50%)
7002DOC	Advanced Production Skills (30 c) Semester 1	<i>Module aim:</i> 1. To explore the creative potential of specialised production equipment and digital software 2. To apply techniques for image and video manipulation and audio production. 3. To understand the application of these skills to practical documentary making	<i>Learning activities:</i> Through lectures, workshop, practical skills implementation with support and tutorials students will be introduced to a variety of cutting edge technologies, production techniques and digital software packages	<i>Assessment:</i> Online Portfolio (70%) Reflective Commentary (30%)
7006DOC	Craft Skills (10 c) Semester 1	<i>Module aim:</i> 1. To introduce students to the conventions and techniques of single-camera filming 2. To introduce students to the practical craft skills required when using cameras and associated equipment 3. To introduce students to the practical craft skills required when using editing software, including an understanding of the grammar of editing	<i>Learning activities:</i> Individual and group lectures, masterclasses and workshops with tutorial support introduce the students to various production and post-production skills including aspects such as: Mis-en-Scene, craft skills including camerawork, editing, lighting for documentary, sound recording; storyboarding; conducting recess; including 6 hours of Avid training by accredited trainers	<i>Assessment:</i> Portfolio (100%)

7008DOC	Reflections on Professional Practice (30 c) Semester 1	<p><i>Module aim:</i> 1. To investigate the nature of professional media production/journalism skills and requirements and the effects of changing technology on output.</p> <p>2. To consider, through reflecting on personal professional experience, how professional issues shape output</p> <p>3. To investigate the effects of political, social and economic factors on programme e.g. documentary / journalism output through reflections on personal output.</p>	<p><i>Learning activities:</i> Lectures will explain the concept of reflecting on professional practice consolidated by tutorial support</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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Nutrition

4102SSLN	Introduction to Food & Nutritional Science (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with an introduction to key aspects of human biology (anatomy and physiology) needed to support further study of human nutrition; as well as an introduction to key aspects of the physical sciences (particularly organic chemistry) needed for the further study of food science, food chemistry and human nutrition.	<i>Learning activities:</i> The module consists of lectures, practicals and workshop sessions. The practical sessions are designed to develop lab-based skills, workshop sessions are designed to help support students develop data analysis and report writing skills.	<i>Assessment:</i> Report (60%) Exam (40%)
4106SSLN	Nutrition Today (20 c) Semester 1	<i>Module aim:</i> This module aims to introduce students to the ideas, issues and current landscape of nutrition	<i>Learning activities:</i> The module will be run through interactive student centred workshops which are designed to encourage thinking and discussion of the issues surrounding nutrition today.	<i>Assessment:</i> Portfolio (100%)
4110SSLN	Society, Health & Behaviour (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to behavioural, social, cultural, political, psychological and environmental issues associating to behaviours related to food choices and health preferences and practices.	<i>Learning activities:</i> The module will be delivered by means of lectures followed by workshops. Here students will participate in small group discussions based around material presented in the lectures using prescribed reading and case studies.	<i>Assessment:</i> Essay (50%) Exam (50%)

4111SSLN	Introduction to Sport & Nutrition for Health 1 (20 c) Semester 1	<i>Module aim:</i> To provide an introduction to the topic area of Sport and Nutrition for Health. To examine operational definitions and to set them into a theoretical context. To ensure students are aware of and understand the factors that may influence people's activity and eating behaviours as well as the recommended requirements for both activity and nutritional needs in relation to health.	<i>Learning activities:</i> Students will participate in lectures and seminars throughout the module. They will work as groups and individuals to investigate the area of sport, nutrition and health. Students will engage in tutorials and activities will be student centred.	<i>Assessment:</i> Presentation (20 Minutes) (100%)
5102SSLN	Nutrition in the Lifecycle (20 c) Semester 1	<i>Module aim:</i> This module will establish the scientific basis of human nutrition and develop relevant practical skills. Nutritional recommendations are translated into practical application and practical menu plans.	<i>Learning activities:</i> The module is taught via lectures, workshops and practical sessions. Workshops/Practical sessions will be used to expand on material covered by the lecture. You will be expected to contribute and this may involve researching material prior to/during the workshop and bring what you have found to share with the group. Please be prepared to contribute to the discussion.	<i>Assessment:</i> Report (60%) Report (40%)
5103SSLN	Food and the Media (20 c) Semester 1	<i>Module aim:</i> This module aims to introduce students to the major aspects of food and the media including television, social media, blogs, magazines and events. It allows students to develop practical and visual communication techniques and strategies to present food for the media and to evaluate the effectiveness of different media platforms	<i>Learning activities:</i> Practical development sessions, Lectures, Guest speakers	<i>Assessment:</i> Artefact (50%) Presentation (50%)

5107SSLN	Nutrition & Exercise Biochemistry (20 c) Semester 1	<i>Module aim:</i> To extend students' knowledge of biochemistry in relation to nutrition and exercise.	<i>Learning activities:</i> Lectures and laboratory practical sessions will be the main form of student learning activities, but use of Blackboard with blended learning including quizzes, problem solving will be incorporated. Students will be required to carry out a project designed to investigate the effect of nutrition and exercise on a biochemical marker.	<i>Assessment:</i> Report (50%) Exam (50%)
5108SSLN	Food and Health Politics and Policy (20 c) Semester 1	<i>Module aim:</i> This module aims to foster an understanding of the regulation of the food industry, and the dynamics of the health policy processes at both national and international levels. This will include the rationale for government intervention and the impact of policy. Following the module, students should be able to critically appraise current and proposed food and health policy.	<i>Learning activities:</i> The module will be delivered by means of lectures and workshops. Students will participate in group discussions based around material presented in the lectures using prescribed reading and case studies.	<i>Assessment:</i> Essay (60%) Exam (40%)
5110SSLN	Eating Behaviours & Appetite (20 c) Semester 1	<i>Module aim:</i> For the student to comprehend the extent of the interdisciplinary nature of eating behaviour and appetite; to know how this might affect an individual's relationship with food, to be able to discuss the consequential health implications of dysfunctional eating; and demonstrate a knowledge of how health professionals may attempt to heal a dysfunctional relationship with food.	<i>Learning activities:</i> The module will be delivered by means of lectures followed by workshops. Here students will participate in small group discussions based around material presented in the lectures using prescribed reading and case studies.	<i>Assessment:</i> Essay (50%) Exam (50%)

5113SSLN	Physical Activity Across the Lifecycle (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to examine the role of sport and physical activity in relation to health across the lifespan (from childhood to old age).	<i>Learning activities:</i> Students will participate in lectures and workshops throughout the module. Activities will be student-centred and will enable participants to work individually and in groups to investigate the field of sport, physical activity and health.	<i>Assessment:</i> Essay (60%) Presentation (40%)
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5114SSLN	Health Improvement (20 c) Semester 1	<p><i>Module aim:</i> The module will introduce students to the theoretical concept of health promotion and practical evidence based health improvement principles that could be used to elevate the health status of individuals and communities and enable people to have more control over their health behaviour choices.</p>	<p><i>Learning activities:</i> Lectures. Experiential and skills building exercises with opportunities for feedback and coaching. Discussions and debates. During the module health attitudes and beliefs will be evaluated and to examine how individual practitioner behaviours may assist or undermine engagement and behaviour change in client groups. The module also provides opportunities to practise the skills involved in evidence based approaches, such as motivational interviewing. Formal lectures serve to map the module syllabus and indicate the level of study required. This develops the students' skills in listening and processing technical information. The students are encouraged to interact during the lectures; to question, to express opinions and to influence the content. Thus the distinction between lecture/seminar and workshop is not rigid. Distinct workshops are held to enable students to work in small groups to analyse policies and behaviour, debate issues and suggest solutions to problem set. Students are strongly encouraged to discover information for themselves and take responsibility for their own learning making full use of the LRC. A significant proportion of this module is through participation & attendance at a WBL placement that meet the student's individual needs</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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5469SSLN	Methods of Enquiry (20 c) Semester 1	<i>Module aim:</i> This module will enhance students' understanding of the research process and related methodological approaches whilst also developing their knowledge and skills to complete investigations involving primary data collection, analysis and interpretation.	<i>Learning activities:</i> This module is designed to equip students with the skills required for the final year project/dissertation in level 6 but it will also prepare them for 'real world' research that students will face in the workplace. The module is designed to provide students with an understanding of different types of research that are relevant to the area of study. Students will gain an understanding of different research approaches and analysis methods that will allow them to make decisions about their final year dissertation. The tools and techniques taught in this module will contribute to developing students' research and critical analysis skills which are needed across the programme. Lectures comprising a combination of computer-based and classroom-based learning plus seminars will be delivered.	<i>Assessment:</i> Portfolio (100%)
6101SSLN	Product Development 2 (20 c) Semester 1	<i>Module aim:</i> Students will demonstrate a systematic understanding of the commercial food development life cycle process from concept generation, product launch and post market maintenance.	<i>Learning activities:</i> Lectures and practicals. Group-based practical work will allow students to work collectively to develop understanding of important food-related experimental methodologies, help develop analytical and critical thinking, and develop report writing skills. Student practicals will require students to apply their understanding of food processing operations to specific foods, critically evaluating the effects of such processing operations orally to small groups of fellow students.	<i>Assessment:</i> Presentation (40%) Report (60%)

6104SSLN	Food Biotechnology and Advanced Food Science (20 c) Semester 1	<i>Module aim:</i> Students will evaluate biotechnical and advanced food science methods used to analyse food for technical and nutritional purposes. Students will investigate and analyse current issues surrounding food biotechnology and advanced food science including enzymes, microbiology, bio-fermentation and genetic engineering in food production.	<i>Learning activities:</i> Lectures, practicals, and student-led seminars. Group-based practical work will allow students to work collectively to develop understanding of important food-related experimental methodologies, help develop analytical and critical thinking, and develop report writing skills. Student-led seminars will require students to apply their understanding of food processing operations to specific foods, critically evaluating the effects of such processing operations orally to small groups of fellow students.	<i>Assessment:</i> Report (60%) Presentation (40%)
6105SSLN	Health Epidemiology (20 c) Semester 1	<i>Module aim:</i> This module aims to develop an understanding and basic skill in epidemiological methods as applied to nutrition and public health in a national and international setting, in particular in the areas of epidemiological concepts, measures, research designs and interpretation.	<i>Learning activities:</i> The module will be delivered by means of lectures and workshops. Students will participate in group discussions based around material presented in the lectures using prescribed reading and case studies.	<i>Assessment:</i> Essay (100%)

6106SSLN	Applied Practice in Nutrition (20 c) Semester 1	<i>Module aim:</i> This module studies the practical techniques of nutritional surveillance, nutritional assessment and all aspects of the promotion of healthier eating (from an individual and community perspective). It relates health policy to community initiatives and emphasises the complexity of achieving dietary changes and the need for evaluation. This module leads on from "Nutrition in the Life Cycle". It is assumed that you will be familiar with the ground covered in this module, in particular a working knowledge of all nutrients, food groups, food tables, Dietplan 7 and the Dietary Reference values is taken for granted.	<i>Learning activities:</i> The course consists of a series of lectures and workshops which are supported by practical sessions that aim to explore key areas in more detail in order to improve understanding and provoke discussion. Tutors would be delighted if you ask questions during sessions and conversely tutors may direct questions to you. Some practical tasks will be carried out e.g. taking a diet history and measuring nutritional status, as well as a nutrition education project designed by yourselves as part of the assessment for this module.	<i>Assessment:</i> Presentation (40%) Report (60%)
6113SSLN	Clinical Nutrition (20 c) Semester 1	<i>Module aim:</i> To understand the relationship between nutrition, pathology and clinical outcomes for selected disorders and the value of therapeutic nutrition. This module examines the role of nutrition in the treatment and outcome of a variety of disorders. It examines the theory of dietary change and nutritional support.	<i>Learning activities:</i> The module is taught via lectures, practical sessions and workshops. Practicals and workshops will be used to expand on material covered by the lecture. You will be expected to contribute and this may involve researching material prior to/during the practical/workshop and bring what you have found to share with the group. Please be prepared to contribute to the discussion. You will need to bring your white kitchen/lab coats to the practical sessions as they will involve food preparation or lab work.	<i>Assessment:</i> Report (50%) Exam (50%)

6114SSLN	Advanced Topics in Sport & Nutrition for Health (20 c) Semester 1	<i>Module aim:</i> To develop a high level understanding of problems, solutions in sport, physical activity and nutrition in relation to health outcomes.	<i>Learning activities:</i> Student will participate in workshops throughout the module. There will be guest speakers and real life problems presented. Activities will be student-centred and will enable participants to work individually and in groups to investigate the field of sport , physical activity, nutrition and health.	<i>Assessment:</i> Portfolio (100%)
7301SSLN	Population Nutrition (20 c) Semester 1	<i>Module aim:</i> The module provides an understanding of the nutritional requirements of population groups throughout the life-course, considering the nutritional needs of mothers and infants; children and adolescents; as well as adults and the aging population. The module will also provide an understanding of current dietary guidelines (how they are derived, and why they might vary for different population groups or different global regions). The module will also identify different international nutrition priorities and look at how public health nutrition intervention strategies can be designed, implemented and evaluated.	<i>Learning activities:</i> Formal lectures provide an introduction to the main topics and themes being introduced in this module. Seminar and online materials are designed to encourage critical thinking and critical discussion; whilst work-related case studies and placements will support the development and evaluation of public health nutrition interventions in practice.	<i>Assessment:</i> Poster (40%) Report (60%)
7304SSLN	Professional Practice in Nutrition (10 c) Semester 1	<i>Module aim:</i> The module studies the practical techniques of nutritional assessment, advanced communications skills and aspects of the promotion of healthier eating (from an individual and community perspective). It relates health policy to community initiatives and emphasises the complexity of achieving dietary changes and the need for evaluation.	<i>Learning activities:</i> Formal lectures provide an introduction to the main topics and themes being introduced in this module. Workshops and online materials are designed to encourage practical and communication skills and critical discussion of the issues surrounding the translation of healthy eating messages into practical advice.	<i>Assessment:</i> Role Play (100%)

Pharmaceutical science

4001PHASCI	PHYSICAL PHARMACEUTICS (20 c) Semester 1	<i>Module aim:</i> To introduce the basic principles of physical chemistry as they relate to the formulation of drug products	<i>Learning activities:</i> Lectures Practicals – Phase diagram, drug stability, phase separation and surface tension Workshops – Drug properties	<i>Assessment:</i> Lab report on drug stability (40%) Final exam (60%)
4002PHASCI	ORGANIC CHEMISTRY (20 c) Semester 1	<i>Module aim:</i> To explore the structure, bonding, functionality and reactions of organic molecules with specific reference to pharmaceutically important drugs and to develop in the student an ability to practise chemical laboratory skills and evaluate and communicate their findings.	<i>Learning activities:</i> Lectures, Workshops, practical sessions, small group tutorials with personal tutor, and reflections upon the various aspects of personal development, culminating in the completion of the self-awareness statement.	<i>Assessment:</i> Practical report (40%) Examination (50%) Self awareness statement (10%)

<p>4003PHASCI</p>	<p>PRINCIPLES OF HUMAN BIOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To explore principles of human physiology and pathology with respect to homeostatic mechanisms. To demonstrate an understanding of bacteria, viruses and fungus and their role in human health and disease.</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module (26 hours of lectures) Practical laboratory class in microbiology techniques. Includes a 3 hour introductory session on GLP and correct use of equipment (formative assessment). Subsequent summative assessment is 12 hours of microbiology laboratory work and submission of laboratory report (15 hours in total). A formatively assessed poster presentation around current topics in the field of microbiology (antibiotic resistance, Zika virus or the gut microbiome and human disease) (2 hours) Workshops - 16 hours in total - formative (2 hours of workshops per topic) with oral feedback given during formative sessions. Topics for workshops include -</p> <ul style="list-style-type: none"> • Classification of microorganisms • Morphology and staining of pharmaceutically important bacteria, fungi etc. • PBL Immunology - Autoimmune disease and treatment case study • PBL - Haemostasis • Endocrinology - 'dry lab'. <p>Principles of Negative feedback</p> <ul style="list-style-type: none"> • Poster presentation preparation and Q and A session (2 sessions) • Microbiology laboratory support workshops <p>Lecture material is supported and self-assessed by formative, online Blackboard tests (2 x 1 hour per semester, from a bank of questions)</p>	<p><i>Assessment:</i> Laboratory report (40%) Examination (60%)</p>
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5002PHASCI	SYNTHETIC AND NATURAL DRUGS (20 c) Semester 1	<i>Module aim:</i> To present and illustrate the principles and processes involved in the discovery, acquisition of and analysis of a range of natural, synthetic and biotechnologically produced drugs.	<i>Learning activities:</i> Lectures, workshops, practical sessions and small group tutorials with personal tutor	<i>Assessment:</i> Practical report (40%) exam (60%)
5003PHASCI	PRINCIPLES OF PHARMACOLOGY (20 c) Semester 1	<i>Module aim:</i> The module aims to build upon homeostatic principles established at Level 4, developing knowledge of anatomical, physiological and pharmacological organisation of biological systems (respiratory, gastrointestinal, cardiovascular, hepatic and renal). It supports an understanding of therapeutic modes of drug action, and the pharmacokinetic determinants of dosing. It introduces examples of the formulations used to deliver drugs and the bases for their toxicity, concepts that are advanced in associated modules at L5 and 6.	<i>Learning activities:</i> Lectures: Deliver outline of the anatomical, physiological and pharmacological organisation of biological systems (respiratory, gastrointestinal, cardiovascular, hepatic and renal) in normal and diseased states; and the basis for the use of therapeutic drug classes applied to disorders. Practicals: Demonstrate physiological and diagnostic principles (respiratory and cardiovascular); pharmacodynamic principles (gastrointestinal and cardiovascular organ bioassay) and pharmacokinetic dose regimen calculations. Tutorials and workshops: Provide formative exercise at interpreting and reporting pharmacological evidence and pharmaceutical calculations.	<i>Assessment:</i> Exam (60%) Portfolio of Lab reports (40%)

<p>5004PHASCI</p>	<p>STERILE PHARMACEUTICAL PRODUCTS (20 c) Semester 1</p>	<p><i>Module aim:</i> To describe and evaluate the formulation, preparation, manufacture and quality control of sterile products including injections and ophthalmic products. To describe and discuss the principles and practice of sterilisation and sterilisation controls. To discuss the concepts of quality assurance of sterile products To facilitate the development of communication skills (written) as they apply to the content of the module.</p>	<p><i>Learning activities:</i></p> <ul style="list-style-type: none"> • Lectures covering each topic within the module • Practical sessions giving students first-hand experience of relevant formulation principles and sterilisation processes and practical: group project to formulate and evaluate an assigned pharmaceutical sterile product • Workshops to support sterilisation process, formulation of sterile products and relevant quality control methods • Tutorial to support practical group work • Heat resistance of microorganisms (thermal death point, thermal death time, D-values, Z-values, Fo-values). • Sterilisation processes, including theory and practice, methods, validation and design of sterilisers for: Autoclaving, Dry heat sterilisation, Ionising radiation, Filtration, and Gaseous sterilisation. • The concepts of bioburden, overkill and depyrogenation • Physical, biological and chemical controls of sterilisation including sterility tests • Aseptic processes, principles and evaluation of clean rooms and isolation units • Cleaning and disinfection of clean manufacture and aseptic areas, including disciplines expected of personnel working in such areas • Formulation, preparation and production of the following sterile products: Ophthalmic products (eye ointments, eye drops, eye lotions, contact lens solutions), Parenteral products 	<p><i>Assessment:</i> Sterile Dosage Forms (40%) Exam (60%)</p>
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			(injections, total parenteral nutritional fluids), Water for injections, Bladder irrigations, and Dialysis solutions	
6002PHASCI	ADVANCED PHARMACEUTICAL ANALYSIS (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and practical experience of advanced techniques available for the analysis of pharmaceutical products.	<i>Learning activities:</i> Lectures covering each topic within the module Practical sessions giving students first-hand experience of relevant analytical techniques Workshops to support data interpretation and lecture material	<i>Assessment:</i> Practical Report (40%) Exam (60%)
6003PHASCI	ADVANCED DELIVERY SYSTEMS (20 c) Semester 1	<i>Module aim:</i> To present and illustrate methods for the formulation and application of advanced drug delivery systems.	<i>Learning activities:</i> Lectures covering five different topics within the module Practical sessions giving students first-hand experience of relevant formulation principles Workshops to support each of the 5 topics, literature review, experimental design and analysis of data generated during practical sessions	<i>Assessment:</i> Practical Report (40%) exam (60%)
7101PHASCI	RESEARCH METHODS (20 c) Semester 1	<i>Module aim:</i> To equip students with the necessary core skills to effectively design, plan, perform and report scientific research.	<i>Learning activities:</i> Lectures (flipped or traditional) introducing/covering the various topics of the module 9 workshops (2 hours each)–various contents aligned with topics delivered in the lectures 3 hours practical class to introduce data collection, data analysis, and presentation of results, and to assess the understanding of GLP.	<i>Assessment:</i> Research Proposal (50%) Poster Presentation (25%) E-lab Book (25%)

7102PHASCI	ANALYSIS, STRUCTURE AND FUNCTION IN ORGANIC MOLECULES (20 c) Semester 1	<i>Module aim:</i> To understand the application of analytical chemistry to pharmaceutical materials, and the effect of functional group chemistry on both the structure and consequent properties of relevant molecules.	<i>Learning activities:</i> Lectures introducing each topic within the module. Practical sessions giving students hands-on experience of relevant analytical techniques. Workshops to support both the analysis of data generated during practical sessions and problem-solving skills relevant to molecular structure and function.	<i>Assessment:</i> Practical Skills (40%) Exam (60%)
7103PHASCI	PHYSICOCHEMICAL PROPERTIES OF THERAPEUTIC AGENTS (20 c) Semester 1	<i>Module aim:</i> To understand the physical and chemical properties of both small molecules and macromolecules and how these influence their in vitro and in vivo behaviour as active pharmaceutical ingredients.	<i>Learning activities:</i> Lectures introducing each topic within the module Practical sessions giving students first-hand experience of relevant techniques Workshops to support analysis of data generated during practical sessions	<i>Assessment:</i> Examination (60%) Practical Report (40%)
7111PHASCI	PHYSIOLOGY AND TOXICOLOGY (20 c) Semester 1	<i>Module aim:</i> To equip students with the Knowledge and understanding of human physiology and toxicology of raw and active materials used in cosmetic products.	<i>Learning activities:</i> Lectures - introducing /covering the various topics of the module workshops – problem solving in terms of cosmetic formulations and raw materials	<i>Assessment:</i> Toxicity of cosmetic product (50%) Examination (50%)
7112PHASCI	FORMULATION AND CHARACTERISATION OF COSMETICS (20 c) Semester 1	<i>Module aim:</i> To equip students with the knowledge, understanding and application of raw materials and cosmetic formulations.	<i>Learning activities:</i> Lectures - introducing /covering the various topics of the module workshops – problem solving in terms of cosmetic formulations and raw materials Laboratory Practicals – Provide students first-hand experience of preparing and testing cosmetic formulations	<i>Assessment:</i> Examination (50%) Laboratory Practical & Report (50%)

Policing

<p>4100PS</p>	<p>Exploring Policing Studies - Skills for Success (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. Develop students academic skills in writing and critical analysis. 2. Develop students awareness of sources of information and presenting information using a variety of media. 3. Develop team working skills. 4. Develop students understanding of the court system in England and Wales</p>	<p><i>Learning activities:</i> The module will utilise blended learning, which will combine e-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning on this module. Workshops and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team and on occasion, guest speakers from different relevant professional backgrounds, with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups and for tutors to identify individual learning needs of students.</p>	<p><i>Assessment:</i> Group Presentation 20mins (40%) 2000 word portfolio (50%) self awareness statement (10%)</p>
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<p>4104PS</p>	<p>Technology and Policing (20 c) Semester 1</p>	<p><i>Module aim:</i> Develop students understanding of the legislative and policy framework which governs the use of information technology and recognise strategies to support good practice in such working arrangements. Evaluate the benefits of social media and differentiate its use in a social and professional context. Introduce students to evidential and criminal justice issues relating to cyber-crime and computer forensics.</p>	<p><i>Learning activities:</i> The module will utilise blended learning, which will combine e-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning in this module through their Personal Development Plans. Lectures and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team and, on occasion, guest speakers from different relevant professional backgrounds, with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups and lectures will take place in teaching spaces where students have access to the intranet and internet. Online engagement (such as asynchronous forums and blogs) will be used to further explore the issues raised in lectures and through the students own research. Students will be expected to engage in self-directed learning to develop their knowledge of the field.</p>	<p><i>Assessment:</i> Exam 1.5hrs (40%) Digital Essay (2500 words) (60%)</p>
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4106PS	Responding to Incidents (20 c) Semester 1	<i>Module aim:</i> This module aims to outline professional responses to incidents, the skills necessary at an organisational and individual level and to discuss issues taking account of the evidence base.	<i>Learning activities:</i> A variety of teaching methods will be used. In addition to formal lectures, students will participate in workshops and undertake individual practical assignments. Students will have full access to University facilities and resources in addition to those available via the College of Policing. A key teaching tool will be the LJMU VLE where students will be able to access case study material, such as assessing the police response to major events.	<i>Assessment:</i> 2500 words essay (50%) Portfolio (50%)
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5100PS	Policing Communities (20 c) Semester 1	<i>Module aim:</i> To develop students understanding of the concept of equality and diversity. To provide an opportunity for students to critically explore factors which have come to inform policing environment and practices and to reflexively acknowledge how personal behaviours can support the promotion of the principles of equality and diversity within the workplace and the wider community. To enable students to appreciate the requirements of studying at HE level within the context of the Policing programme; to provide a platform for developing qualitative research skills and to understand the structure, the principles and practice of independent learning acquiring such skills in a supportive environment.	<i>Learning activities:</i> The module will utilise blended learning, which will combine E-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning in this module through their Personal Development Plans. Lectures and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team, and on occasion, guest speakers from different relevant professional backgrounds, with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups. Electronic seminar and project work in small groups will be used to further explore the issues raised in lectures and through the students own reading.	<i>Assessment:</i> Portfolio (50%) 2500 words essay (50%)
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5101PS	Professional Skills for Policing (10 c) Semester 1	<i>Module aim:</i> This module focusses on the professional, reflective and critical skills required to develop ethical personal and professional practice.	<i>Learning activities:</i> A variety of teaching methods will be used. In addition to formal lectures, students will participate in workshops and undertake individual practical assignments. Students will have full access to university facilities and resources. A key teaching tool will be the LJMU VLE where students will be able to access case study material, such as key issues in relation to protecting vulnerable people and ethical use of police-gathered intelligence.	<i>Assessment:</i> Portfolio (100%)
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5102PS	Practice, Procedure and the Criminal Law 2 (20 c) Semester 1	<p><i>Module aim:</i> This module aims to introduce students to the legislative and substantive policy provisions which underpin (i) the multifaceted and complex roles and duties executed by the police across England & Wales; and (ii) the criminal law commonly utilised and applied by Police Officers in the course of their duty.</p> <p>Specifically, the module aims to:</p> <p>Introduce and examine the role, responsibilities and powers of the police in differing societal and operational environments.</p> <p>Provide a critical introduction to the foundations of criminal law and the criminal justice system,</p> <p>Identify the key ingredients of a criminal offence, the varying liabilities of third parties and common defences prescribed by law.</p> <p>Highlight the importance of police integrity and the role played by police officers in the successful application of criminal law sanctions.</p> <p>Introduce the theoretical and procedural requirements relating to police duties and the criminal law, whilst also providing an innovative learning framework through which students can explore, experience and illustrate criminal conduct in varying operational settings.</p>	<p><i>Learning activities:</i> The module will use blended learning consisting of lectures, e-learning and workshops utilising scenarios simulation. Additionally students will be encouraged to monitor their own learning in the module through their Personal Development Plans. Lectures and online learning materials will be used to provide an overview of each topic. Lectures will be delivered by the module team and, occasionally guest speakers from differing, relevant professional backgrounds who have particular expertise in aspects of the curriculum. Workshops will be used to apply knowledge through the use of specific scenarios and as an opportunity for students to explore and discuss issues in small groups. Students will be expected to engage in self-directed learning and study to develop their knowledge of the field. They will be expected to know criminal offences thoroughly and to be able to distinguish between the particular nuances and subtleties in particular offences.</p>	<p><i>Assessment:</i> Exam 2 hours (50%) Portfolio (50%)</p>
5106PS	The Psychology of Investigation (10 c) Semester 1	<p><i>Module aim:</i> This module aims to help students understand how an understanding of Psychology can support them when conducting interviews in relation to Qualitative methodology.</p>	<p><i>Learning activities:</i> Lectures and Workshops.</p>	<p><i>Assessment:</i> 2500 word portfolio (100%)</p>

6101PS	Advanced Social Research Skills (20 c) Semester 1	<i>Module aim:</i> This module seeks to provide training across a range of technical and practical social research skills and to equip students with a good understanding of the contribution that mixes-methodological approaches make to the collection, analysis and interpretation of data.	<i>Learning activities:</i> A variety of teaching methods will be used. In addition to formal lectures, students will participate in workshops and undertake individual practical assignments. Students will have full access to university facilities and resources, including a well-equipped computer laboratory with a wide range of statistical packages and qualitative data analysis software.	<i>Assessment:</i> Lab/Practical exercises 2000 W (40%) Report 2500 Words (60%)
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<p>6103PS</p>	<p>Contemporary Issues (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. The module aims to develop student understanding by looking at issues that are current and relevant in policing today. It will specifically cover public order and protest, human trafficking and intelligence and security. 2. Students will be provided with an opportunity to consider the nature of policing challenges and responses together with the latest research and policy implications. The issues will also be considered from a social and political perspectives. 3. The module will be underpinned by relevant theoretical perspectives, policy developments and cutting edge empirical research providing students with the opportunity for discussion that is intellectually stimulating and at the forefront of policing scholarship and practice.</p>	<p><i>Learning activities:</i> The module you will adopt a reflective approach to the subject matter providing the tools required to develop student learning. It will combine traditional teaching strategies with practical application. Lectures, supported by online learning materials, will be delivered by the module team and, on occasions, guest speakers with practical expertise in aspects of the curriculum. Seminars will be used to promote small group discussions in which students and the lecturer can discuss information on a chosen issue. They provide an opportunity to explore topics by discussion, and to identify and sort out any problems. Workshops will be used to enable students to explore the issues raised in lectures and through their own reading. It will give students an opportunity to interact with each other in furthering their own and others' understanding of the issues. Through small group discussions and individual and group exercises students will have the opportunity to share experiences, as well as to learn and practice new skills.</p>	<p><i>Assessment:</i> 4500 words essay (100%)</p>
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6104PS	International Fieldwork for Policing (20 c) Semester 1	<p><i>Module aim:</i> 1. To provide students the opportunity to conduct a focused piece of independent work in an international context, under supervision, on an area congruent with the themes and substance of the Policing programme.</p> <p>2. To provide a vehicle for the improvement and development of a variety of transferable skills and abilities appropriate to the task in hand, from identification of appropriate topic/s through to the development of a study programme tailored to the needs of the student and the presentation of a clear, coherent and robust piece of reflective written work.</p> <p>3. To complement other modules via the opportunity to apply theories, methodologies or techniques to a substantive topic of particular interest to the student her/himself.</p> <p>4. To encourage students to monitor and reflect critically on their own learning.</p>	<p><i>Learning activities:</i> One-to-one tutorials with allocated tutor meeting with small group where appropriate. The fieldwork will be supported by preparatory sessions in the classroom. Other learning activities include constructing bibliography of relevant sources, reflecting on and amending plan of work, preparing and producing reflective case study report.</p>	<p><i>Assessment:</i> Essay 2000 words (20%) Report 3500 words (80%)</p>
7100PS	Evidence Informed Policy and Practice (20 c) Semester 1	<p><i>Module aim:</i> The module aims to develop student's critical appreciation and understanding of the capacity of evidence-based research to contribute to practice developments in policing and criminal justice. The module examines the contributions research-informed knowledge has, and continues to make to the development of criminal justice practices and encourages students to think critically about the scope to extend further the role of evidence based thinking in developing problem solving solutions in policing and criminal justice.</p>	<p><i>Learning activities:</i> Learning Activities : The module utilises in-class lecture and tutorial based teaching and provides online tutoring, support, and guidance for students.</p>	<p><i>Assessment:</i> Thematic Literature Review (60%) Critical Reflection 1500 words (40%)</p>

7101PS	Policing in Context (20 c) Semester 1	<i>Module aim:</i> The aim of the module is to introduce students to different perspectives that relate to policing and provide an opportunity to critically explore the range of regulatory processes, professional values and ethics which inform practice thereby providing an insight into current policing, community safety and criminal justice priorities	<i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.	<i>Assessment:</i> Portfolio (4 pieces =3500) (80%) Reflection 2000 (20%)
7102PS	Advanced Research Skills (20 c) Semester 1	<i>Module aim:</i> The module aims to prepare students for the dissertation in Semester 3 by introducing key epistemological and methodological issues that impact upon research into crime, security, community safety and criminal justice. While exploring the politics and practice of research in these areas the module will introduce research theories and methods	<i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.	<i>Assessment:</i> Literature Review (30%) SPSS Report (20%) Portfolio 2500 words (50%)
7106PS	International and Transnational Policing (20 c) Semester 1	<i>Module aim:</i> The module aims to develop a student's critical appreciation and understanding of different policing jurisdictions and the agencies that work within them. The module will examine International Legal Instruments and evaluate their strengths and weaknesses while taking account of broader issues such as Human Rights. The module examines the contributions research informed knowledge has, and continues to make to the development of criminal justice practices and encourages students to think critically about policing, community safety and criminal justice from international and transnational perspectives	<i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.	<i>Assessment:</i> Essay 3000 words (60%) Essay 1500 words (40%)

<p>7110PS</p>	<p>Advanced Investigation Skills (20 c) Semester 1</p>	<p><i>Module aim:</i> The overall aim and distinctive quality of the module is to produce postgraduates capable of ‘problem-solving’ in the field of criminal investigations. This module will examine the administrative difficulties posited during a criminal investigation and the importance of investigative ethics. Further, this module will examine the contributions that forensics bestow upon criminal investigations.</p> <p><i>Aims:</i></p> <ol style="list-style-type: none"> 1. To introduce students to a core of foundational concepts of criminal investigations, understand, explain, analyse and evaluate causes, sustainment and consequences of a criminal incident. 2. To encourage students to reflect upon, explain, analyse and evaluate critical evidence beyond a basic first responder response to investigate various criminal activities. 3. To critically engage with, explain, analyse and evaluate the central issues surrounding criminal investigations, with an emphasis on hands-on learning with critical reflection to develop professional practice. 	<p><i>Learning activities:</i> The students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for interactive 2-hour lectures. Skills that will be developed include: critical thinking skills; note-taking; reading; small group discussions; general contribution to classes; use of Blackboard; preparation of seminars; private study; conduct analysis and evaluation; writing a research essay; presenting key findings.</p>	<p><i>Assessment:</i> Report 4500 (100%)</p>
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7114PS	Port and Maritime Security (20 c) Semester 1	<p><i>Module aim:</i> This module is designed for students with some experience in security, policing, maritime industry, as well as for those with no such experience. It thus assumes a position of no knowledge from the student.</p> <p><i>Aims:</i></p> <ol style="list-style-type: none"> 1. To identify and explain key concepts of port and maritime security together with the policing of ports and ships 2. To encourage students to reflect upon the contribution of port and maritime regulations, policy, practices and challenges posed by transnational crimes, piracy and maritime terrorism 3. To encourage students to recognise the diverse and contested nature of port and maritime security, and its geopolitical and global economic context. 	<p><i>Learning activities:</i> The students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for interactive 3-hour seminars. Skills that will be developed include: critical thinking skills; note-taking; reading; small group discussions; general contribution to classes; use of Blackboard; preparation of seminars; private study; writing a research essay; presenting key findings.</p>	<p><i>Assessment:</i> 3500 Word essay (80%) Presentation of findings (20%)</p>
7205PS	Work-Based Research Project (30 c) Semester 1	<p><i>Module aim:</i> The module aims to provide students with the knowledge, skills, and qualified support to design, conduct and deliver a research project explicitly focused on an area of their working practice. The module will develop in students the ability plan and implement an agenda for research in an area of work-based practice, to critically reflect the policy and practice development work that have taken place in the subject area, to document and reflect upon the challenges of conducting work based research, and by its conclusion produce critical commentary on how the understanding of practice may meaningfully be developed.</p>	<p><i>Learning activities:</i> In this module students will conduct research into an aspect of their working practice. Fortnightly interactions with supervisors (in person at the University or the participant's place of work, or through the virtual learning environment) will be supplemented by group based thematic Action Learning Set afternoons exploring (amongst other themes) as reviewing methodological choices for work-based research; report writing; identifying barriers to generating policy/practice change.</p>	<p><i>Assessment:</i> Research Report (100%)</p>

7207PS	<p>Contemporary Issues in Research-Informed Criminal Justice Practice (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop student's ability to identify good and best practice in the generation of evidence-informed policy and practice in criminal justice. Students will be encouraged to explore the role of evidence-informed practice in fields across the criminal justice sector and propose new directions for practitioner-led research activity to take in the future. Sessions will be delivered by research-active University staff, by former students (who have completed academic research whilst employed as criminal justice professionals), and by current practitioners. These inputs will help contextualise the nature of current and future challenges within the sector and begin to explore the capacity of research evidence to help support policy and practice development. In sequence, the students will look at criminal justice responses to young people engaged in criminal and anti-social behaviour; vulnerable people; victims of crime; and, prolific offenders. The ambition is to bring together a range of criminal justice professionals to collectively explore a series of criminal justice challenges and to draw on each others professional knowledge and judgment to help shape future agendas for research activity.</p>	<p><i>Learning activities:</i> The learning activities will involve a blend of lecture-based sessions, invited speakers and group based exercises to advance knowledge and understanding.</p>	<p><i>Assessment:</i> Essay (100%)</p>
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Product design

4161PDE	Computer Aided Modelling (20 c) Semester 1	<i>Module aim:</i> To introduce students the knowledge and skills needed to use computer aided modelling techniques.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures and workshops. The learning activities are student focused and develop the students' modelling and design knowledge through experiential learning.	<i>Assessment:</i> In class solid modelling test (100%)
4162PDE	Design Visualisation (20 c) Semester 1	<i>Module aim:</i> Develop fundamental sketching, rendering and modelling skills	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures and tutorialised practical sessions. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Inclass traditional sketchtest (50%) Digital sketching portfolio (50%)
4163PDE	Design Principles (20 c) Semester 1	<i>Module aim:</i> The module aims to endow students with tools for the successful completion of a concept model using fundamental design theories and practices.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, workshop sessions and guided design activities. The learning activities are to be student focused and develop the students' design knowledge through experiential learning.	<i>Assessment:</i> Self Awareness (10%) NPD Report (30%) Concept Product Models (60%)

4173CSD	Design Principles (20 c) Semester 1	<i>Module aim:</i> This module aims to equip students with tools to enable the successful completion of a concept model using fundamental design theories and practices. The module will help identify and reflect upon personal achievements and develop teamwork. The creative and imaginative approaches to problem solving will be distilled through a concept model and 3D design techniques.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, workshop sessions and guided design activities. The learning activities are to be student focused and develop the students' design knowledge through experiential learning.	<i>Assessment:</i> Self Awareness (10%) NPD Report (30%) Concept Product Models (60%)
5161PDE	Advanced Computer Aided Modelling (20 c) Semester 1	<i>Module aim:</i> To give students the knowledge and skills needed to use advanced computer aided modelling techniques, such as use of surfaces in creating organic, flowing geometric entities.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, workshop sessions and guided design activities. The learning activities are to be student focused and develop the students' design knowledge through experiential learning.	<i>Assessment:</i> CAD Portfolio (100%)
5162PDE	Product Design And Presentation (20 c) Semester 1	<i>Module aim:</i> Introduce students to design theories on the conceptualisation of ideas and aesthetic sensibilities through the generation of traditional and 3D computer aided graphical techniques.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures and workshop tutorials, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Poster, Process Book and Model (100%)
5163PDE	Applied Electronics And Control (20 c) Semester 1	<i>Module aim:</i> This module covers the fundamental theory and calculations behind the design of sensors, electric motors and microcontrollers through involvement in applied, creative engineering projects.	<i>Learning activities:</i> Embedded Lecture, demonstration and practical activities applying topics discussed. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Design and Practical Portfolio (100%)

5173CSD	Applied Electronics And Control (20 c) Semester 1	<i>Module aim:</i> This module covers the fundamental theory behind the design of sensors, electric motors and microcontrollers through a process of discovery in applied, creative projects. The module will explore the design of remote intelligent systems, the application of measurement requirements and the ways in which we can interface & program sensors to visualise output data.	<i>Learning activities:</i> Demonstration, workshop and practical activities applying topics discussed. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Design and Practical Portfolio (100%)
6161PDE	Project Management (20 c) Semester 1	<i>Module aim:</i> Provide an overview of how design is managed in organisations and the principle methods of planning, monitoring and controlling design projects.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Project Management Report (100%)
6162PDE	Major Project Research Report (20 c) Semester 1	<i>Module aim:</i> Students will independently plan, organise and manage effective research in order to acquire new knowledge of a self-selected project. This module is designed to prepare and enable students to produce a research report which justifies the selection of a Major Project. It represents the culmination and consolidation of the student's research within their chosen project area.	<i>Learning activities:</i> This module is delivered using a variety methods including lectures and workshops/seminars. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Major Project Research Report (100%)

6164PDE	Sustainable & Ethical Design (20 c) Semester 1	<i>Module aim:</i> Introduces students to sustainable and ethical issues in design.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials, practical sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Process Book (100%)
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Psychology

4202PSYSCI	RESEARCH METHODS AND STATISTICS IN PSYCHOLOGY 1: RELATIONSHIPS AND ASSOCIATIONS (10 c) Semester 1	<i>Module aim:</i> 1. To introduce the tools for carrying out a literature search. 2. To develop an understanding of basic statistical concepts, descriptive statistics, correlation, chi square. 3. To use SPSS to carry out statistical analyses. 4. To give practical experience of correlational and observational (analysed qualitatively and quantitatively) research methods. 5. To develop practical report writing skills.	<i>Learning activities:</i> 1. Attend lectures and workshops 2. Use SPSS/PASW statistical software 3. Use LJMU Findit and other databases to find literature. 4. Complete coursework tasks 5. Complete prescribed reading	<i>Assessment:</i> Portfolio (100%)
4203PSYSCI	INTRODUCTION TO DEVELOPMENTAL PSYCHOLOGY AND INDIVIDUAL DIFFERENCES (20 c) Semester 1	<i>Module aim:</i> 1. To present a range of topics in developmental psychology and individual differences research 2. To introduce the methods applied to understanding key issues in developmental psychology and individual differences research 3. To enable students to consult and summarise appropriate sources to explain key issues in developmental psychology and individual differences research	<i>Learning activities:</i> Large group lectures introduce the topics to students, smaller group seminars focus on coursework preparation. On-line conference activities are directed towards further support for coursework preparation	<i>Assessment:</i> Coursework (60%) MCT (40%)

4204PSYSCI	<p>PSYCHOLOGICAL THEMES (20 c) Semester 1</p>	<p><i>Module aim:</i> 1. To introduce students to the psychological themes aggression, helping behaviour, stress and emotion. 2. To develop students' understanding that psychological sub-disciplines often address one and the same theme from different perspectives. 3. To develop students' ability to identify the unique contributions of different psychological perspectives to the psychological research on a particular theme. 4. To encourage students to critically compare different perspectives on psychological theme. 5. To develop students' precisising and presentation skills</p>	<p><i>Learning activities:</i> The first lecture on a theme will present definitions of the core concepts, the employed measures and a selection of classical psychological studies on the theme. The next two lectures will take a look at the theme from different psychological perspectives. To strengthen the link between the introductory lecture and the two follow-up lectures, the measures and studies presented in the introductory lecture will be attributed to the different perspectives in the follow-up lectures. In the workshops, students will compare the presented perspectives and integrate them. To foster the understanding of the unique aspects of each perspectives, students will classify studies into the different perspectives</p>	<p><i>Assessment:</i> Written coursework portfolio (70%) Poster presentation (30%)</p>
5201PSYSCI	<p>RESEARCH METHODS AND STATISTICS IN PSYCHOLOGY 3: QUALITATIVE RESEARCH METHODS (10 c) Semester 1</p>	<p><i>Module aim:</i> 1. To develop understanding of a range of qualitative research methodologies 2. To allow students to critically consider ethical issues in respect of qualitative research 3. To give students an understanding of, and an opportunity to practice, key qualitative techniques such as interviewing and facilitating focus groups 4. To provide practical experience of interpretative phenomenological analysis 5. To develop practical qualitative report writing skills</p>	<p><i>Learning activities:</i> 1. Attend lectures and workshops 2. Gain practical experience of qualitative techniques 3. Complete coursework tasks</p>	<p><i>Assessment:</i> Qualitative Report (100%)</p>

5204PSYSCI	DEVELOPMENTAL AND SOCIAL PSYCHOLOGY (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore how developmental and social psychological processes influence group behavior and individual differences</p> <p>2. To investigate core areas underpinning human development</p> <p>3. To investigate core areas underpinning the social self in society</p>	<p><i>Learning activities:</i> This module is delivered through lectures and seminars and online activities linked to assessment tasks which include preparatory work for exam and MCTS.</p>	<p><i>Assessment:</i> Exam (70%) MCT (30%)</p>
5205PSYSCI	CAREERS AND EMPLOYABILITY (10 c) Semester 1	<p><i>Module aim:</i> 1. To equip students with employability related skills</p> <p>2. To focus students on their future careers, and help them to prepare for the career they want</p> <p>3. To provide opportunities for students to gain an understanding of careers they can access with their Psychology degree, and how they can work towards these.</p> <p>4. To develop students psychological literacy skills</p>	<p><i>Learning activities:</i> Developing career and employability skills through a series of lectures, tutorials, and by completing an oral presentation and a coursework portfolio. Option to undertake a work placement as part of this portfolio.</p>	<p><i>Assessment:</i> Oral Presentation (20%) Portfolio (80%)</p>

<p>5207PSYSCI</p>	<p>MENTAL HEALTH DISORDERS (20 c) Semester 1</p>	<p><i>Module aim:</i> To investigate current approaches to the study of mental health. To critically evaluate theories of mental health disorders and related treatment options. To consider models of mental health disorders and the benefits of moving towards a biopsychosocial model. To evaluate the impact of chronic health conditions on mental health and wellbeing.</p>	<p><i>Learning activities:</i> A range of methods are utilised to enhance the student learning experience and to give students greater control over their own learning. Lectures: Part (sometimes all) of most sessions is devoted to a formal lecture in which key concepts and ideas are conveyed. Seminars: These are smaller group sessions which will be focussed on a particular part of the module. During these tutor led sessions, students will discuss and evaluate a current topic in mental health disorders. Virtual session: Relevant material and guidance is provided via Canvas and students can engage at a time and in a way that suits their approach to learning best. Usually several online activities will be suggested for a virtual session. Online discussions: Online discussion forums will be set up on Canvas. These can be used to discuss relevant topics between students or groups of students and will be moderated by the lecturers. Additionally, students are encouraged to use these discussion boards to direct their questions to the lecturers, instead of using e-mail, whenever the question is not of confidential nature. In this way, all students can benefit from the answer and we do not have to answer the same question several times. Independent study: Guidance will be provided on supplementary texts, where these are pertinent to specific topics. In addition, students are expected to engage in independent reading beyond the book chapters/articles assigned to specific</p>	<p><i>Assessment:</i> Phase Tests (30%) Case Study (70%)</p>
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			<p>topics. Furthermore, students are encouraged to explore web-links, some of which will be provided on Canvas. There are a number of psychology lecturers involved in teaching on this module. This has the advantage that students can profit from their specialist knowledge within a certain area. In addition, students will encounter different teaching styles, enriching their learning experience. Lecturers might use different approaches that are not listed above.</p>	
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6201PSYSCI	<p>FORENSIC PSYCHOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> This module aims to allow students to critically evaluate and apply psychological theories and knowledge in relation to real-world forensic problems. Students will work in cross-disciplinary groups in order to critically explore and evaluate a range of potential solutions to real-world problems</p>	<p><i>Learning activities:</i> The module will be run using a problem based learning methodology. The programme will start with a lecture to introduce problem based learning activities and group working. Students will be split into four groups to address each problem in rotation. Each problem will be introduced with a lecture. Student will be given a learning pack consisting of an outline of the problem, learning activities and key references. Working in cross disciplinary groups students will use two teaching sessions plus additional time outside of contact hours to find potential solutions to the problem. During this time tutors will be available for face-to-face consultations and through on-line conferencing to address problems as they arise. student will address each problem systematically until they arrive at a potential solution which they can defend. For each problem the following key activities will be completed *critically explore the issues *critically evaluate existing group knowledge and experience *critically analyse the problem statement as seen by the group *critically evaluate potential solutions to the problem *critically research the efficacy of these solutions *critically defend the solution to the rest of the cohort Each problem session will end with a seminar in which groups defend their group position and solution</p>	<p><i>Assessment:</i> PORTFOLIO (100%)</p>
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			Students will be given four problems to solve in any one academic year. Potential problems will be changed each year to avoid repetition. Although students will work in groups to find potential solutions, they will be assessed individually on their interpretation of the group's solution. The cross disciplinary nature of the teams will enhance not just the experience but also the outcomes	
6204PSYSCI	POSITIVE PSYCHOLOGY (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore in depth the major concepts and research methods used in the field of positive psychology</p> <p>2. To provide an in-depth discussion of the psychological science associated with human strengths, flourishing and positive emotions</p> <p>3. To introduce main theoretical perspectives within Positive Psychology</p> <p>4. To explore the position of Positive Psychology in relation to other branches of Psychology</p> <p>5. To examine design, rationale, application and implications of Positive Psychology interventions</p> <p>6. To reflect on the personal experience with Positive Psychology interventions</p>	<p><i>Learning activities:</i> Students on this module will engage in a range of different learning activities. Many of the lectures will include interactive components which encourage students to participate in active exchange in groups and with the tutors. Directed seminar activities will facilitate the active engagement with psychological theories and evidence relevant to positive psychology. knowledge. By engaging by a Positive Psychology intervention or practice students will furthermore gain some first hand experience Positive Psychology approaches and through personal reflection consider their relevance. Learning will in addition be supported by directed reading of published research and a range of online-activities such as discussion forums.</p>	<p><i>Assessment:</i> Essay (60%) Exam (40%)</p>

6207PSYSCI	FACE PERCEPTION: PROCESSES AND DISORDERS (10 c) Semester 1	<p><i>Module aim:</i> 1) To introduce theory and research relating to the processes of attending to, categorising and recognising human faces. 2) To provide an in-depth discussion of disordered face perception arising from both developmental disorders and acquired brain damage. 3) To examine the forensic applications of research in face perception. 4) To encourage students to develop their skills of critical evaluation and independent review of research literature.</p>	<p><i>Learning activities:</i> Lectures Seminar</p>	<p><i>Assessment:</i> Essay (100%)</p>
6210PSYSCI	WORK PSYCHOLOGY (10 c) Semester 1	<p><i>Module aim:</i> 1. To introduce students to the role of work attitudes and their relation to work performance 2. To critically evaluate theories of group and team working and effectiveness 3. To introduce the processes of organisational development and change 4. To evaluate psychological approaches to leadership in the workplace 5. To evaluate how social, cognitive and organisational factors relate to work design, and to work outcomes such as performance and stress</p>	<p><i>Learning activities:</i> The programme is delivered primarily through lectures. These will be supported by workshops and discussions as appropriate. There will be an on-line discussion to support preparations for completion of the coursework</p>	<p><i>Assessment:</i> Essay (100%)</p>

6211PSYSCI	<p>PLEASURE AND PAIN: SENSATION, EMOTION AND BEHAVIOUR (20 c) Semester 1</p>	<p><i>Module aim:</i> • Introduce the theoretical perspectives and importance of understanding the role of sensory inputs on affective experiences and how these impact on perception.</p> <ul style="list-style-type: none"> • Instruct students in methods to induce and measure sensory (touch, pain, olfaction, taste) experiences in a laboratory setting • Consider the importance of experimental design and control and provide students with the experience of designing basic laboratory study of sensation and affect • Provide students with the skills needed to prepare a research report in a concise manner in the style needed for publication including focusing on the key elements of this work. • Provide students with the opportunity and skills to work in a group towards a common research goal • Systematically consider and reflect on a range of design and working choices. 	<p><i>Learning activities:</i> 44 hours: Lectures (10hrs), Lab sessions (24hrs) & workshops (10hrs)</p>	<p><i>Assessment:</i> Reflective Essay (30%) Experimental report (70%)</p>
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7001POSPSY	<p>CONCEPTS IN POSITIVE PSYCHOLOGY (10 c) Semester 1</p>	<p><i>Module aim:</i> The module will provide a historical overview of positive psychology, particularly emphasising key philosophical, conceptual and theoretical positions and establish an appropriate framework for the in depth engagement with positive psychology in other modules.</p>	<p><i>Learning activities:</i> The module will primarily rely on traditional lectures. Where appropriate lecture sessions will involve interactive class discussions during which students will be expected to evaluate and discuss core concepts and associated literature. To engage with our evidence-based and theory-led approach to positive psychology students will gain experience in reading research articles, literature reviews, meta-analyses, theory and position papers. During the online sessions students will be guided towards more self-directed engagement with scholarly material and depictions of positive psychology in mass media.</p>	<p><i>Assessment:</i> Exam (100%)</p>
7002POSPSY	<p>RESEARCH SKILLS FOR POSITIVE PSYCHOLOGY (10 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to equip students with the research skills necessary to conduct and critically evaluate research in the field of positive psychology. A secondary aim is to develop students' knowledge of the variety and limitations of methodologies used in positive psychology, and of the ethical issues related to research in positive psychology. Students will be given the opportunity to reflect on the development of their research skills competency throughout the module.</p>	<p><i>Learning activities:</i> The material will be delivered through a mixture of traditional lectures and seminars. The emphasis throughout will be on interaction, encouraging students to explore the material for themselves and develop their own critical thinking, communication, reflection, and research design skills.</p>	<p><i>Assessment:</i> Critique of methodology (60%) Reflective report (40%)</p>

7005POSPSY	<p>PATHWAYS TO WELLBEING (30 c) Semester 1</p>	<p><i>Module aim:</i> The module will provide in-depth grounding in knowledge of the psychological, biological, social and spiritual mechanisms that underpin the promotion and preservation of psychological health, happiness and wellbeing.</p>	<p><i>Learning activities:</i> Lectures and seminars will be scheduled in an integrated way to allow for knowledge acquisition and opportunity to engage with such knowledge in a discursive way. The module is designed around several themes or blocks so that opportunity is provided to develop a strong knowledge base regarding the aims but also to allow for critical discussion through seminar activities, for example, debating, Socratic inquiry, synopsis presentation, hypothesis generation, critical writing techniques. Throughout the process of knowledge acquisition students develop critical thinking skills necessary for successful completion of assignments.</p>	<p><i>Assessment:</i> Theory review (60%) Evidence review (40%)</p>
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7101HEAPSY	<p>FUNDAMENTAL ISSUES IN HEALTH PSYCHOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> The module will give historical overview of health psychology with particular emphasis on key philosophical, conceptual and theoretical developments</p>	<p><i>Learning activities:</i> The module will essentially rely on traditional lectures. However each lecture session will involve at least an hour of interactive class discussions during which students will be expected to evaluate some literature and share their thoughts with the rest of the class. These class discussions may involve critical analyses, general debate, and even preparation of case studies. Health psychology is largely an evidence-based field, rooted in theory. Thus, it is essential that students gain considerable experience in reading empirical papers, literature reviews and editorial commentary. They would be required to show understanding of empirical results, theoretical postulates, and other published literature (e.g. meta-analysis) relevant to a variety of health psychology topics covered in this module. The ability to evaluate and discuss published literature is particularly relevant to all learning outcomes.</p>	<p><i>Assessment:</i> Critical evaluation (50%) Examination (50%)</p>
7102HEAPSY	<p>RESEARCH SKILLS AND METHODOLOGY FOR HEALTH PSYCHOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to equip students with the research skills necessary to conduct and critically evaluate health psychology research, including the systematic review and synthesis of research literature. A secondary aim is to develop students' knowledge of the variety and limitations of methodologies used in health psychology, and of the ethical, policy and professional issues related to research and practice in health service contexts.</p>	<p><i>Learning activities:</i> The material will be delivered through a mixture of traditional lectures, seminars and workshops. The emphasis throughout will be on interaction, encouraging students to explore the material for themselves and develop their own critical thinking, communication, and research design skills.</p>	<p><i>Assessment:</i> Systematic review (60%) Reflective report (40%)</p>

7103HEAPSY	ANALYSIS FOR HEALTH PSYCHOLOGY (20 c) Semester 1	<i>Module aim:</i> Develop to a professional level, student's existing knowledge of, and skills in data acquisition, validation, coding, analysis, interpretation and presentation.	<i>Learning activities:</i> The module will be delivered via seminars and IT workshops (typically a 25/75% split) to provide students with the practical and analytical skills necessary to meet the learning outcomes. Students will be provided with both qualitative and quantitative raw data sets that will be used to develop an understanding of the 'real world' process of managing, analysing and presenting data.	<i>Assessment:</i> Qualitative analysis (50%) Quantitative analysis (50%)
7104HEAPSY	LONG-TERM CONDITIONS (10 c) Semester 1	<i>Module aim:</i> To develop in-depth understanding of psychological issues involved in the course and outcome of long-term conditions which have contemporary relevance for the NHS and Public Health, such as diabetes, heart disease, cancer and obesity.	<i>Learning activities:</i> The material will be delivered through a mixture of traditional lectures and workshop activities. The emphasis throughout will be on interaction, encouraging students to explore the material for themselves and develop their critical skills. Directed independent reading will supplement these activities.	<i>Assessment:</i> Examination (100%)

Public health

4000ENVCPH	Key Study Skills (20 c) Semester 1	<i>Module aim:</i> This module aims to prepare and develop students for study at undergraduate level	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars LRC visits, blackboard and personal tutorials.	<i>Assessment:</i> 1000 word reflection (50%) 750 word career plan (40%) Self Awareness Statement (10%)
4000PUBHEA	Key Study Skills (20 c) Semester 1	<i>Module aim:</i> This module aims to prepare and develop students for study at undergraduate level	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars, activities on the virtual learning environment and personal tutorials.	<i>Assessment:</i> Reflection (50%) Career plan (40%) Self awareness statement (10%)
4002ENVCPH	Understanding Populations (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with an introduction to how the principles of demography and community participation can be utilised to improve health and reduce health inequalities	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars LRC visits, blackboard and personal tutorials.	<i>Assessment:</i> Presentation (20%) Report (80%)
4002PUBHEA	Understanding Populations (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with an introduction to how the principles of demography and community participation can be utilised to improve health and reduce health inequalities	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars, VLE activities, and personal tutorials.	<i>Assessment:</i> Group presentation (20%) Community profile (80%)

4005ENVCPH	Environmental Health Concepts (20 c) Semester 1	<i>Module aim:</i> To provide students with an insight into the key themes and concepts that occur in EH, as they begin their course and as they progress through their programme of study and into a career in EH.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions and Blackboard.	<i>Assessment:</i> 15 min poster presentation (30%) 1500 word report (70%)
4005PUBHEA	Public Health Concepts (20 c) Semester 1	<i>Module aim:</i> To provide students with an insight into the key themes and concepts that occur in public health, as they begin their course and as they progress through their programme of study and into a career in public health.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions and VLE activities.	<i>Assessment:</i> Poster presentation (30%) Report (70%)
5001ENVCPH	Food safety (20 c) Semester 1	<i>Module aim:</i> To engage students in a critical exploration of current issues in the interface between environmental problems, safety of food, its production and consumption in relation to human health.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions and BlackBoard.	<i>Assessment:</i> food essay (100%)
5002ENVCPH	Environmental protection (20 c) Semester 1	<i>Module aim:</i> To provide students with the relevant skills to identify, select and assess the effectiveness of a range of environmental health interventions and enforcement options within the key Environmental Health areas of environmental protection.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions, and Blackboard.	<i>Assessment:</i> 3500 word case study (100%)
5002PUBHEA	Health Protection (20 c) Semester 1	<i>Module aim:</i> To provide students with the relevant skills to identify, select and assess the effectiveness of a range of health interventions and enforcement options within the key public health area of health protection.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions, and VLE activities.	<i>Assessment:</i> Case study (100%)

5003ENVCPH	Housing and Public Health (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with the relevant skills to identify select and assess the effectiveness of a range of environmental health interventions and enforcement options – focusing on the key Environmental Health areas of housing and public health	<i>Learning activities:</i> Broken lectures, seminars, debate and study trips to regeneration and housing projects. Student study will be supported through guided reading, Blackboard and recommended websites	<i>Assessment:</i> housing inspection (40%) case study (60%)
5004PUBHEA	Research Methods for Public Health (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with an introduction to the methods of qualitative and quantitative data collection and analysis, as well as enabling students to critically evaluate the strengths and weaknesses of published research papers.	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars LRC visits, VLE activities and personal tutorials.	<i>Assessment:</i> Research proposal (60%) Exam (40%)
5010PUBHEA	Media and Public Health (20 c) Semester 1	<i>Module aim:</i> Develop critical thinking and media literacy skills to help students find reliable information to make decisions, take action, and share news responsibly about public health.	<i>Learning activities:</i> A variety of different learning activities will include lectures summarising scientific knowledge and critical perspectives on public health media issues, practical exercises, e.g. watch news/go to news website, choose health issue, find original article/evidence and appraise media response. Analysing films or news reportage with public health /disaster emergency theme and evaluating portrayal of public health approach. Scenario based debates and mock media appearances. Opportunities to develop key public health messages to be distributed through social media.	<i>Assessment:</i> Presentation (40%) 2500 word Essay (60%)

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5011PUBHEA	Health Risk Behaviours, Determinants and Impacts (20 c) Semester 1	<i>Module aim:</i> To provide students with an introduction to the concepts of risk behaviour and how this is applied in a number of contemporary health concerns	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, video discussions, group work activity VLE activities: short quizzes, discussion boards	<i>Assessment:</i> 3500 report (100%)
6002ENVCPH	Globalization: Health and Environmental Impacts (20 c) Semester 1	<i>Module aim:</i> The module aims to explore the impact of globalization on the environment and population health, and the international policy/strategic response to these impacts.	<i>Learning activities:</i> Lectures; youtube style video discussion; group work, Blackboard; in class research activities with iPads	<i>Assessment:</i> 3500 Report (80%) exam (20%)
6002PUBHEA	Globalization and Health (20 c) Semester 1	<i>Module aim:</i> This module explores the concept of globalization and its impact on population health and identifies the global strategic responses to these issues.	<i>Learning activities:</i> Lectures; youtube style video discussion; group work, VLE activities; in class research activities with iPads	<i>Assessment:</i> Report (80%) Online exam (20%)
6004ENVCPH	Health Promotion (20 c) Semester 1	<i>Module aim:</i> To develop knowledge and skills to enable students to plan, implement, monitor and evaluate strategies for promoting the health and wellbeing of the population	<i>Learning activities:</i> Lectures, class discussion, small group work, self-directed study, guided reading and Canvas discussions and resources.	<i>Assessment:</i> Presentation (40%) Report (60%)
7000PUBHEA	Public Health: Policy and Practice (20 c) Semester 1	<i>Module aim:</i> To enhance knowledge and understanding of population based health issues and the public health response through policy and practice	<i>Learning activities:</i> Interactive lectures, group work, Online based activities through Blackboard, e.g. Discussion boards, online quizzes,	<i>Assessment:</i> Test (20%) Illustrated Report (80%)

7002PUBHEA	Research Methods (20 c) Semester 1	<p><i>Module aim:</i> Aims This module encourages students to develop their skills as a potential producer of research, as well as their ability to systematically evaluate research outcomes from a variety of sources. In addition, students will engage in a variety of data analysis techniques.</p> <ul style="list-style-type: none"> • To provide a critical knowledge base of the philosophical foundations of public health research. • To enable the student to develop expertise in a qualitative and quantitative data analysis. • To prepare the student to carry out empirical and literature based research. 	<p><i>Learning activities:</i> Lectures, tutorials, group discussion, group work, online learning, independent study, data analysis exercises</p>	<p><i>Assessment:</i> Unseen Examination (50%) Research Proposal (50%)</p>
7004PUBHEA	Global Health (10 c) Semester 1	<p><i>Module aim:</i> To examine public health risk in the context of globalization and the strategic response to this at the global level</p>	<p><i>Learning activities:</i> Lectures; video discussion; group work, Blackboard resources: online videos, online quizzes</p>	<p><i>Assessment:</i> Illustrated Report (100%)</p>
7006PUBHEA	Intercultural Learning (10 c) Semester 1	<p><i>Module aim:</i> This course aims to enhance the development of independent and intercultural learning.</p>	<p><i>Learning activities:</i> Tutorial based activities include: skills assessment, learning style evaluation, learning from others, writing workshops, literature search activities, presentation skill development</p>	<p><i>Assessment:</i> Reflective Essay (100%)</p>
7008PUBHEA	Health Protection (10 c) Semester 1	<p><i>Module aim:</i> The module aims to provide students with an understanding of the nature of environmental and communicable disease hazards and the role of public health practitioners in the management of these hazards.</p>	<p><i>Learning activities:</i> Interactive lectures, guided readings, student led discussions and workshops. In addition the course will make use of extensive online resources.</p>	<p><i>Assessment:</i> Health Protection Report (100%)</p>

7010PUBHEA	Understanding Addictions (20 c) Semester 1	<i>Module aim:</i> To enhance knowledge and understanding of addiction as a public health issue	<i>Learning activities:</i> Lectures; seminar workshops; Blackboard activities	<i>Assessment:</i> Essay (100%)
7014PUBHEA	Public Health Intelligence: Basics (10 c) Semester 1	<i>Module aim:</i> The course aims to provide knowledge of public health intelligence practice and develop practical skills in the analysis of public health information and the development of public health intelligence.	<i>Learning activities:</i> Learning will involve informal lectures with discussion and classroom based exercises using classroom iPads, and extensive use of practical sessions in IT suites. The course will also make use of online resources and discussion boards.	<i>Assessment:</i> Analysis of public health data (100%)

Sociology

4100SOC	Identities and Studying Sociology (20 c) Semester 1	<p><i>Module aim:</i> 1. Develop a deep understanding of sociological perspectives on identity and representation, and equality and diversity, in contemporary society, and to explore the intersections of race, class, gender, sexuality, age, disability and/or social class.</p> <p>2. Develop, enhance and practise essential academic study skills, including library search, identifying and analysing relevant sources, referencing, and academic writing.</p> <p>3. Reflect upon students' personal development (PDP).</p>	<p><i>Learning activities:</i> Lectures, Seminars, Tutorials: The module is taught through lectures and seminars, supplemented by a blackboard site and online reading and AV materials. Lecture topics are inter-connected, not stand alone items; for example a lecture may set the broader theoretical context for subsequent lectures. Seminars are used to consolidate students' theoretical understanding and to explore contemporary, illustrative examples. Tutorials are used to support small-group and individual learning needs.</p>	<p><i>Assessment:</i> Annotated Bibliography (40%) Essay (60%)</p>
4101SOC	Sociological Imaginations (20 c) Semester 1	<p><i>Module aim:</i> 1. To provide an introduction to the formation and history of the discipline of sociology</p> <p>2. To develop students' understanding of the relationship of sociology to other academic disciplines.</p> <p>3. To demonstrate the role of social context in understanding sociological ideas and their significance</p> <p>4. to provide opportunities for students to engage with selected examples of the original writings of sociologists from the formative periods of the discipline</p>	<p><i>Learning activities:</i> Lectures, Tutorials, Workshops</p>	<p><i>Assessment:</i> 2000 Word Essay (50%) Exam (50%)</p>

4102SOC	Contemporary Social and Green Issues (20 c) Semester 1	<i>Module aim:</i> 1. To demonstrate the value of diverse sociological approaches to the study of contemporary social and environmental issues.	<i>Learning activities:</i> Students will attend lectures to stimulate interest and provide information and workshops to allow active learning and debate. Tutorial support will also be available after sessions.	<i>Assessment:</i> Portfolio (50%) Essay (50%)
4105SOC	Global Issues and Society (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the sociological explanations of the causes, consequences and responses to globalisation and inequality in a range of societies.	<i>Learning activities:</i> Lectures on meaning of globalisation, key theories and key issues Seminars will provide space for discussion on key themes and issues Offsite visit to the Slavery Museum	<i>Assessment:</i> 1000 Word Group Poster (25%) 3000 Word Individual Report (75%)
5100SOC	Researching British Society (20 c) Semester 1	<i>Module aim:</i> 1. To appraise the value of a number of univariate and bivariate manipulations of a secondary dataset; 2. To carry out appropriate univariate and bivariate analyses of a large dataset using a statistical computer package (SPSS), and, 3. To use these skills to generate sociological arguments based upon a large dataset	<i>Learning activities:</i> Lectures, Seminars, Computer Workshops.	<i>Assessment:</i> Report (70%) Exam (30%)

5101SOC	Knowing the Modern World (20 c) Semester 1	<p><i>Module aim:</i> 1. To explore the development of modern sociological theory in the contexts of social order and social change.</p> <p>2. To apply a range of contemporary sociological theory to issues of social order and social change.</p> <p>3. To develop theoretical literacy so that students can independently identify and use literature from specific different theoretical traditions in their own written work.</p>	<p><i>Learning activities:</i> • 3 Hours of Lectures and seminar discussions per week</p> <p>• 6 Hours of tutorials spread across the module so that students have access to a continuous stream of guidance and formative feedback in the process of compiling and writing their essay and preparing for their viva.</p> <p>• Private study and guided reading</p>	<p><i>Assessment:</i> Essay (75%) Viva (25%)</p>
5104SOC	Globalisation, Culture and Society (20 c) Semester 1	<p><i>Module aim:</i> Through theoretical discussion and musical case studies, this module aims to develop an understanding on how societies and cultures across the world are increasingly connected, including how social media impacts our global society, and what this means for people's lives and identities. The module will:</p> <p>1. Introduce the key concepts and theories in sociological and related perspectives on globalisation, culture and society, whilst relating these to musical examples from around the world.</p> <p>2. Examine how globalisation processes interact with and produce social and cultural inequalities, whilst applying relevant concepts and theories using real-life case studies.</p> <p>3. Illustrate the key characteristics of new media communications such as YouTube, Facebook and Twitter, and the impact that social media has had on organisations and on societies.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Tutorial.</p>	<p><i>Assessment:</i> Essay (50%) Report (50%)</p>

5105SOC	Life Course: A Sociological Journey (20 c) Semester 1	<i>Module aim:</i> 1. To explore sociological approaches relevant to the study of the life course. 2. To enable students to develop an understanding of theoretical developments and critically reflect on debates in the field of childhood studies, youth studies, ageing and gerontology.	<i>Learning activities:</i> Lectures, Seminars, Tutorial.	<i>Assessment:</i> Presentation (40%) Portfolio (60%)
5112SOC	Race and Ethnicity in Contemporary Britain (20 c) Semester 1	<i>Module aim:</i> 1. To provide an understanding of the impact of colonialism on patterns of migration to Britain in the post war period and the creation of greater ethnic diversity. 2. To explore theoretical understandings of 'race' and ethnicity. 3. To provide an understanding of the conflictual relationship between the state and minority ethnic communities through an examination of specific case studies	<i>Learning activities:</i> Lectures and Seminars.	<i>Assessment:</i> 4000 Word Essay (100%)
6105SOC	The Aesthetics and Politics of Fear (20 c) Semester 1	<i>Module aim:</i> 1. To explore the development of approaches in philosophy and cultural and critical theory to the study of emotions, focusing in particular on fear. 2. To apply a range of contemporary theoretical approaches to case studies in fear. 3. To examine the aesthetic politics at stake in the public life of private emotions.	<i>Learning activities:</i> Three hours of lecture and workshop activity per week. Students will be expected to undertake independent learning activities prior to attending class. These will typically involve reading but might also involve watching films or reading/viewing other cultural texts. Six hours of tutorial support spread across the module in order to make formative feedback and guidance available to students.	<i>Assessment:</i> Poster Presentation (25%) Essay (75%)

6106SOC	Sport, Crime and Society (20 c) Semester 1	<p><i>Module aim:</i> 1. To critically explore sociological and critical criminological approaches to understanding the role of sport in society;</p> <p>2. To evaluate and range of theoretical perspectives, theories and models of understanding the relationships between sport and the wider society and,</p> <p>3. To facilitate an examination and understanding of aspects of power, culture and inequalities as they relate to sport in society.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Tutorial hours.</p>	<p><i>Assessment:</i> Essay (100%)</p>
6112SOC	Sociology Work Placement 1 (20 c) Semester 1	<p><i>Module aim:</i> This module aims to enable students to develop, apply and analyse the knowledge, skills and attitudes necessary to effectively and successfully secure a Sociology related work placement.</p>	<p><i>Learning activities:</i> Students will be expected to negotiate a sociology related work placement with a local employer/organization and to agree work placement objectives in association with the workplace provider and their academic supervisor. The module is supported by workshops and tutorials that help focus the student on identifying, overcoming and reflecting on challenges, such as negotiating work placement access and undertaking work based learning.</p>	<p><i>Assessment:</i> 3500 Word Portfolio (100%)</p>

7000MCCC	Understanding cities: theory, culture and social change (30 c) Semester 1	<p><i>Module aim:</i> This module will help students understand and critically engage with the development of theoretical approaches to understanding cities, with a focus on the interrelationships between cities, culture, and urban change. The module will enable students to</p> <ul style="list-style-type: none"> • evaluate the different ways in which cities are conceived and analysed, in relation to their economic, cultural, and social significance; social and urban change; • understand contemporary approaches to urban policy and the role and contribution of cultural policy in a wider theoretical and historical context • to critically debate why culture and creativity are vital to understandings of cities in different historical contexts and, in contemporary times, to economically successful and socially sustainable cities. 	<p><i>Learning activities:</i> A lecture series will provide students with a grounding in the subject matter to enable them to explore key issues in further depth in essays. Students will be expected to conduct independent reading and study to enable them to raise questions at the end of the lectures and to contribute to discussions in seminars/workshops.</p>	<p><i>Assessment:</i> Essay (80%) Presentation (Seminar) (20%)</p>
7001MCCC	Research Methods: cities, culture, creativity (30 c) Semester 1	<p><i>Module aim:</i> 1. To teach students the fundamentals of research design and the major quantitative and qualitative research methods, especially those relating to cultural policy and cities.</p> <p>2. To raise awareness of the relevant data sources and show how best to utilise them.</p> <p>3. To help equip students to undertake practical exercises and their dissertation by making them familiar with a range of basic research techniques.</p>	<p><i>Learning activities:</i> 1. Essay 60% 2. Portfolio 40%</p>	<p><i>Assessment:</i> Essay (60%) Portfolio (40%)</p>

7101CSS	Critical Social Research (30 c) Semester 1	<p><i>Module aim:</i> 1. To give students a broad awareness of methodologies and research resources within the field of critical social science, introducing them to new approaches and ongoing debates;</p> <p>2. To help students develop strategies for identifying and exploiting relevant resources for research;</p> <p>3. To develop relevant critical and analytical skills.</p>	<p><i>Learning activities:</i> Presentations, seminars, workshops, one-to-one tutorials.</p>	<p><i>Assessment:</i> Essay (80%) Poster Presentation (20%)</p>
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Sport science

4101SPOPSY	<p>APPLIED SPORT PSYCHOLOGY SKILLS (20 c) Semester 1</p>	<p><i>Module aim:</i> Teach students various methods and techniques used in applied sport psychology. Help students contextualize core psychology concepts. Allow students to develop self-awareness of career relevant knowledge, skills, and experiences. To encourage students to engage with the development of employability skills by completing a self-awareness statement.</p>	<p><i>Learning activities:</i> Student-centered methods including tutorials, seminars, group activities, and on-line learning resources.</p>	<p><i>Assessment:</i> ASP data techniques (45%) Core psy concepts (45%) Self-awareness statement (10%)</p>
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4101SPOSCI	RESEARCH SKILLS (20 c) Semester 1	<p><i>Module aim:</i> The module aims to introduce theoretical concepts underpinning inter-disciplinary applied sport and exercise science practice, and to familiarise and develop computing competency, practical skills and techniques relevant to applied sport and exercise science settings.</p> <p>To encourage students to engage with the development of employability skills by completing a self-awareness statement.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, tutorials and practical computing sessions and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will require students to engage in personal development tasks. In addition, some teaching sessions will contain workshop based activities where students will be required to use their group collaboration, analytical, and problem solving skills to enhance their own learning and problem solve. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will be required to evidence this in the three assessments.</p>	<p><i>Assessment:</i> Scientific writing portfolio (60%) Careers Self Awareness (10%) Reflective oral presentation (30%)</p>
4102SPOSCI	PSYCHOLOGICAL FOUNDATIONS (20 c) Semester 1	<p><i>Module aim:</i> The module aims to develop knowledge and understanding of the foundation concepts that underpin motor learning/control, sport, exercise and social psychology.</p>	<p><i>Learning activities:</i> Lectures Online workshops Online Labs Labs</p>	<p><i>Assessment:</i> Online Exam (65%) Online test (35%)</p>

4103SPOSCI	BIOMECHANICAL FOUNDATIONS (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to introduce the basic principles of human anatomical structure and biomechanics and to illustrate applications of these principles in sport, exercise and health. The module also aims to provide an introduction to experimental methods in biomechanics and to develop skills in data handling.	<i>Learning activities:</i> You are expected to attend time-tabled lectures and engage with practical sessions and online worksheets. You are also encouraged to utilise the available directed learning/private study time and resources made available via the virtual learning platforms. Students should also complete the required and recommended reading to widen their knowledge, understanding and their ability to apply module material.	<i>Assessment:</i> Online anatomy test (50%) Biomechanics MCQ Exam (50%)
5101SPOPSY	APPLIED SPORT PSYCHOLOGY PRINCIPLES (20 c) Semester 1	<i>Module aim:</i> The module aims to explore the theory and process that underpins the implementation of sport psychology services with sport performers, and to establish how sport psychology skills and techniques can be applied in sport performance settings.	<i>Learning activities:</i> The module delivery combines lectures, evaluating the psychological application of the technique / skill and the theory/research that underpins it, with workshops that actively explore the practical application of the relevant skill(s) in sport performance settings. This permit the skills essential to Applied Sport Psychology practice to be taught and practiced.	<i>Assessment:</i> Consultancy report (40%) Educational workshop (35%) Applied practice essay (25%)

5101SPOSCI	<p>APPLIED SPORT AND EXERCISE PRINCIPLES (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop the student's knowledge and practical skills/competencies required of practitioners in various applied sport and exercise disciplines.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, practicals and tutorials and are also encouraged to utilise the available directed learning/private study time and/or conduct essential reading to widen their knowledge and understanding and their ability to apply material. In addition, teaching sessions will contain practical based activities where students will be required to practise and develop their applied skills to enhance their own learning. Students will be required to evidence this in the module examination.</p>	<p><i>Assessment:</i> Presentation (34%) Skills assessment (66%)</p>
5102SPOSCI	<p>PSYCHOLOGICAL PRINCIPLES (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop students' ability to evaluate psychological principles associated with sport, exercise, and those associated with motor control and learning and expertise. This will be evaluated via an essay based assessment, and laboratory report examinations. Formative opportunities for students to self-evaluate their understanding will be offered throughout the module and specified feed-forward sessions. Students will also gain exposure to laboratory scenarios in the context of motor learning and control in order to further develop their understanding of experimental psychology.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will be required to evidence this in their assessments.</p>	<p><i>Assessment:</i> Online Test on CANVAS (35%) Online Exam on CANVAS (65%)</p>

<p>5105SPOSCI</p>	<p>PHYSIOLOGICAL RESPONSES TO EXERCISE TRAINING (20 c) Semester 1</p>	<p><i>Module aim:</i> To develop knowledge and understanding of the cardiovascular and metabolic responses of acute and chronic exercise and discuss these in relation to human health and performance.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will be required to evidence this in the production of their coursework and the module examination.</p>	<p><i>Assessment:</i> Laboratory report (50%) Seen Essay (50%)</p>
<p>5111SPFOOT</p>	<p>CURRENT ISSUES IN SCIENCE AND FOOTBALL 1 (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop students' knowledge and skills of current issues and applied concepts in football in the disciplines of physiology, psychology, and sociology. The module also aims to develop students' ability to analyse and evaluate the scientific research around these current areas.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain groupwork, practical and laboratory based activities where students will be required to use their analytical, statistical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to evaluate and apply material. Students will be required to evidence this in the production of their coursework and other assessments.</p>	<p><i>Assessment:</i> Essay (50%) Presentation (50%)</p>

<p>6101SPOPSY</p>	<p>APPLIED SPORT PSYCHOLOGY PLACEMENT FOUNDATIONS (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop student's ability to plan, prepare, initiate and reflect upon effective applied sport psychology practice with a client. The module will address topics such as legal requirements, health and safety, reflective practice, safeguarding, working in effective teams and requisite skills for applied sport psychology practice. The module will also contain a field trip through which students can observe and assist with applied practice under supervision.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, workshops and seminars and are encouraged to utilise the available directed learning / private study time to get advice from module staff University Placement Tutor (UPT) and/or conduct essential reading. The UPT is a student's placement supervisor and will help them understand the requirements of the placement, and the development of the learning agreement. Some of the teaching sessions will contain activities where students will be required to use their analytical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and justify their approaches/ techniques appropriate to applied practice Students will be required to evidence this in the production of a group and individual assessments</p>	<p><i>Assessment:</i> Individual viva (60%) Group presentation (40%)</p>
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6101SPOSCI	CURRENT ISSUES IN PHYSICAL ACTIVITY, SEDENTARY BEHAVIOUR, HEALTH MEASUREMENT AND RESEARCH (20 c) Semester 1	<i>Module aim:</i> This module aims to engage students in current physical activity, sedentary behaviour and health research and measurement concepts. Students will gain experience of using physical activity and sedentary behaviour measurement tools and analysis of physical activity data. Students will also gain an understanding of other variables associated with physical activity and sedentary behaviour, including the measurement and analysis of some health markers.	<i>Learning activities:</i> Students will be required to attend lectures, some of which may be delivered by guest speakers. Practicals, online practicals, seminars and worksheet tasks should be completed as directed. Additional tutorials are available during the module to support learning. Students will be required to book tutorials throughout the semester using the usual booking system to support learning, and will also be required to complete prescribed reading and engage in directed study tasks.	<i>Assessment:</i> Literature review (50%) Individual presentation (50%)
6102SPOSCI	SPORTS BIOMECHANICS (20 c) Semester 1	<i>Module aim:</i> The aim of this module is for students to gain the knowledge and skills necessary for evaluating sports performance and injury prevention quantitatively and to gain the critical knowledge of muscle and tendon sports injury mechanisms.	<i>Learning activities:</i> Lectures. Laboratory practicals to collect data on sports skills. Tutorials on the use motion capture software to quantify motion characteristics. Data processing with a step-by-step guide. Tutorials on musculo-skeletal modelling and application to sports examples. Online tasks to explore further data analysis and processing examples and expand problem solving skills.	<i>Assessment:</i> Lab report (50%) Sports biomechanics exam (50%)

6103SPOSCI	<p>APPLIED MOTOR BEHAVIOUR (20 c) Semester 1</p>	<p><i>Module aim:</i> The module builds on the Psychological Foundations (level 4) and Psychological Principles (level 5) modules. The module is designed to develop a critical understanding within a selected number of topics in motor behaviour. You will be involved in discussion on theoretical issues associated with a number of topics in visual-motor control and learning. Importantly, you will be required to synthesise data sets and suggest how the findings can be applied to different sport and health settings</p>	<p><i>Learning activities:</i> Online lab activities Self-directed</p>	<p><i>Assessment:</i> Data interpretation (50%) Examination (50%)</p>
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6104SPOSCI	<p>CARDIOVASCULAR AND ENVIRONMENTAL PHYSIOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to provide students with the critical thinking skills necessary to evaluate and understand the appropriate application of key cardiovascular measurement techniques and to equip students with the applied knowledge necessary to interpret data collected via these techniques. In addition, the module aims to promote critical awareness of the limitations to human health and performance under various physiological stressors, and how these limitations can be overcome with appropriate adaptation strategies and interventions.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time and resources made available via the virtual learning platforms. Students should seek advice from module staff and/or conduct essential reading as directed. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge, understanding and their ability to apply module material. Students will be required to evidence this in the production of their coursework, in practical/tutorial discourse, via learning platform tasks and in exams.</p>	<p><i>Assessment:</i> ECG interpretation (50%) Essay exam (50%)</p>
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6112SPFOOT	<p>PSYCHOLOGY OF FOOTBALL (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop the students' conceptual and applied knowledge and understanding of psychology in football, with particular reference to the development and support of elite level players. It will encourage students to apply theoretical and applied processes relevant to the development and support of players in professional football.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, seminar, workshops and practicals, and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the sessions will contain individual and group-work in which students will be required to explain, evaluate and present conceptual knowledge and psychological data. Students should complete the required recommended reading and tasks to widen their theoretical and applied knowledge. Students will be required to evidence this in the production and completion of their assessments.</p>	<p><i>Assessment:</i> Presentation (30%) Report (70%)</p>
6114SPFOOT	<p>PERFORMANCE ANALYSIS OF FOOTBALL (20 c) Semester 1</p>	<p><i>Module aim:</i> The module aims to develop students' understanding of theoretical and applied knowledge of tactical and physical performance analysis techniques and the selection of informative metrics in football, and their knowledge on how to apply theoretical and applied knowledge to evaluate and communicate performance analysis data in football. The module also aims to develop students' understanding of the integrated nature of football and the multitude of factors that impact match performance metrics.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, seminar, workshops and practicals, and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the sessions will contain individual and group-work in which students will be required to explain, evaluate and present conceptual knowledge and performance analysis data. Students should complete the required recommended reading and tasks to widen their theoretical and applied knowledge. Students will be required to evidence this in the production and completion of their assessments.</p>	<p><i>Assessment:</i> Report (60%) Presentation (40%)</p>

7101SPOSCI	<p>TECHNICAL TRAINING FOR EXERCISE PHYSIOLOGY (40 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is provide the student with the knowledge, technical and critical appraisal skills required to work as an effective clinical physiologist with a cardiology specialty. The module will focus on the practical skills required for the assessment of the cardiology patient at rest and during exercise.</p>	<p><i>Learning activities:</i> Students are expected to attend timetabled workshops both on and off campus. Practical skills in the delivery of clinical exercise physiology will be central to this module and application of theory to practice will be debated during workshops some of which will be field based. Students will be required to demonstrate competency in the practical delivery of a wide range of skills. Students should complete the required work related learning tasks as well as the recommended reading to widen their critical knowledge and understanding. The integration of theoretical and practical knowledge should be evidenced in the assessment tasks.</p>	<p><i>Assessment:</i> Clinical practical exam (50%) Examination (50%)</p>
7108SPOSCI	<p>RESEARCH METHODS (20 c) Semester 1</p>	<p><i>Module aim:</i> This module of study is available to provide mastery and expertise in quantitative research strategies, methods and techniques, specifically focussed on quantitative data so that students can undertake postgraduate research. The module aims to encourage critical understanding of how quantitative data should be handled and analysed using a variety of approaches. The module will provide the opportunity to develop critical analysis of statistical concepts and procedures, train them to use statistical analysis software and extend their knowledge of the experimental and research design process.</p>	<p><i>Learning activities:</i> This module provides two hours of direct contact per week. Students will receive stimulus lectures on topics concerned with research design and data analysis. Students will also take part in computer practicals, where they will be required to analyse data using a statistical package and interpret the statistical output.</p>	<p><i>Assessment:</i> research design critique (30%) Statistical evaluation (70%)</p>

7111SPOSCI	CURRENT ISSUES IN BIOMECHANICS (20 c) Semester 1	<p><i>Module aim:</i> This module aims to develop and extend students' opportunity to investigate issues of current importance in Sport and Clinical Biomechanics. They will be presented with a variety of cutting-edge research topics in biomechanics applied to sport, exercise and clinical applications. It requires students to read up to date literature in the appropriate fields and to evaluate past and current directions. Tutorial components of the module will include the critical appraisal of selected research topics in biomechanics and the determination of current understanding in those areas.</p>	<p><i>Learning activities:</i> Students are expected to attend lectures and demonstrations and to complete prescribed reading to develop and extend their knowledge and understanding of current biomechanical issues. In addition, participation in and completion of experimental / laboratory assignments is required to facilitate the completion of coursework tasks. Students will experience (attainment assessed by) extending/focusing their subject specific knowledge base associated with selected topics in biomechanics; achieve mastery and expertise in their subject specific practical skills in selected experimental techniques in biomechanics; extending/focusing their cognitive skills (in the areas of review, assimilation, and interpretation); furtherance of their transferable skills: students will have opportunities to extend independent learning skills, IT skills, extend appropriate problem solving skills, written communication skills and oral communication skills.</p>	<p><i>Assessment:</i> Essay 1 (50%) Essay 2 (50%)</p>
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7112SPOSCI	<p>TECHNICAL TRAINING IN BIOMECHANICS (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to provide technical training in laboratory techniques appropriate to sport and clinical biomechanics. The module will provide the opportunity for students to develop laboratory skills so that they are able to collect and interpret biomechanical data to benchmark standards.</p>	<p><i>Learning activities:</i> This module provides two hours of direct contact per week. All sessions are in the biomechanics labs working hands on with biomechanics equipment and or data. In addition to taught classes, students are expected to undertake independent activities and further work/ reading which will be set each week or in preparation for taught content. These activities will be used to develop independent skills related to content of that week's class.</p>	<p><i>Assessment:</i> Lab report 1 (50%) Lab report 2 (50%)</p>
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7133SPOSCI	<p>RESEARCH METHODS AND TRAINING IN SPORT PSYCHOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> To critically explore the philosophical approaches appropriate to sport psychology research, and to develop and extend students' skills in qualitative research methods, data analysis and representation relevant to Sport Psychology.</p>	<p><i>Learning activities:</i> Students will receive lectures on the essence of the research methods used with Sport Psychology, before focusing on the qualitative research paradigms, designs and methods of data analysis used in the discipline. Students will also take part in training based workshops to practice qualitative protocols that facilitate effective interview design, conduction and data analysis and representation.</p>	<p><i>Assessment:</i> Philosophical essay (50%) Technical essay (50%)</p>
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7134SPOSCI	<p>PERFORMANCE AND DEVELOPMENT ISSUES IN SPORT PSYCHOLOGY (40 c) Semester 1</p>	<p><i>Module aim:</i> To critically evaluate and integrate current theoretical and methodological issues in Sport Psychology. An initial emphasis is placed on performance issues in Sport Psychology, related to Flow and Optimal Functioning and Stress, Anxiety and Coping. Perceptual-Cognitive expertise and the influence of anxiety on perceptual training is also explored from a Motor Behaviour perspective, alongside the teaching, practice and assessment of quantitative research methods used in experimental work. Development issues in Sport Psychology are then examined through a focus on identity, career transition and talent and organisational culture in sport. Motivation and Theories of Exercise Behaviour are also examined to explore development issues in a broader Exercise Psychology context. The module content also enables individual differences to be embedded and considered within the delivery.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled sessions. Critical debate and discussion of the material presented will be a central feature, where students will be required to think critically and integratively to contribute to debate and enhance their own learning. Students should complete the required and recommended reading to widen their critical knowledge and understanding, and this should be evidenced in the two assessment tasks. The module also requires students to engage in the analysis and interpretation of quantitative research methods as part of the essay based assessment. Feedforward and formative feedback sessions are used within the module to prepare students for the summative assessments.</p>	<p><i>Assessment:</i> Oral presentation (50%) Essay (50%)</p>
7141SPOSCI	<p>FUNDAMENTAL SPORTS NUTRITION (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to develop a comprehensive baseline understanding of fundamental sports nutrition. Classical and contemporary literature will be studied, and critically evaluated in engaging and thought provoking lectures, seminars and laboratory practicals.</p>	<p><i>Learning activities:</i> The course will include a combination of lectures and class practicals. The lectures will include group tasks and discussions to stimulate student interaction. Guest lecturers will give cutting edge lectures in their particular areas of expertise.</p>	<p><i>Assessment:</i> Consensus statement (100%)</p>

7142SPOSCI	PRACTICAL SPORTS NUTRITION (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide practical training in the hands on skills that are required for a career in sports nutrition. Sessions will typically take place in the laboratories at LJMU and will begin with a short lecture/discussion on the theory and importance of the skill in question. Students will then engage in directed practice and practical training. The body composition lectures and training will be aligned with ISAK standards and it is envisaged that all students will then sit the ISAK examination to allow professional accreditation. The skills taught in this module will be essential for 7045SPOSCI in semester 2 where the students will engage in an applied work placement.	<i>Learning activities:</i> Lectures will be taught by experienced academics who also work in applied practice. A combination of lectures, seminars and practicals will be utilised as well as lots of time made available for students to practise the techniques being taught. Specialist guest lectures will be brought in to deliver sessions such as interview techniques and ISAK accredited staff will perform the ISAK exam to allow students to attempt to gain ISAK accreditation.	<i>Assessment:</i> Body composition test (25%) Energy test (25%) Meal plan report (50%)
7152SPOSCI	FUNDAMENTAL STRENGTH AND CONDITIONING APPLIED PRACTICES PART 1 (20 c) Semester 1	<i>Module aim:</i> To develop the students' knowledge, understanding and practical experience of appropriate strength and conditioning techniques.	<i>Learning activities:</i> 1. Prescribed and independent reading prior to each lecture. 2. Theory workshops/lectures. 3. Practical workshops.	<i>Assessment:</i> 2,500 word essay (50%) Technical skills (50%)
7153SPOSCI	FUNDAMENTAL STRENGTH AND CONDITIONING APPLIED PRACTICES PART 2 (20 c) Semester 1	<i>Module aim:</i> To develop the students' knowledge, understanding and practical experience of different pre- and rehabilitation strategies.	<i>Learning activities:</i> 1. Prescribed and independent reading prior to each lecture. 2. Theory lectures/workshops. 3. Practical workshops.	<i>Assessment:</i> 2,500 word literature review (50%) Needs analysis case study (50%)

7161SPOSCI	<p>PHYSIOLOGICAL ASSESSMENT (20 c) Semester 1</p>	<p><i>Module aim:</i> The aim of this module is to provide students with extensive practical training in fundamental exercise physiology measurements, including aerobic capacity, anaerobic capacity, muscle strength and cardiac function. Sessions typically include a lead lecture covering the essential theoretical underpinnings of each method followed by practical training. Student engagement is essential, it is expected that students will take part in both conducting (i.e. experimenter) and performing (i.e. participant) exercise tests. To consolidate knowledge, data collected during the physiological tests is subsequently used in the Quantitative Research Methods module to assist teaching of statistical research methods, including difference testing, regression, reproducibility and sample size estimation.</p>	<p><i>Learning activities:</i> This module is timetabled in sessions of 3 h per week during semester 1. Sessions include lectures covering the essential theoretical underpinnings of the topic, practical laboratory training and statistics workshops. Student engagement is essential, it is expected that students will take part in either conducting or performing each physiological test. Statistical research methods will be taught using data collected during the prior exercise physiology practical. Each statistics workshop encompasses a lead lecture covering the theoretical basis of the statistical test followed by a computer practical wherein students will conduct analyses of physiological data collected during the previous session.</p>	<p><i>Assessment:</i> Lab report (100%)</p>
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7162SPOSCI	<p>MOLECULAR EXERCISE PHYSIOLOGY (20 c) Semester 1</p>	<p><i>Module aim:</i> Nowadays, cutting-edge research in exercise physiology seeks mechanistic understanding and so relies heavily on molecular techniques. This module is aimed at providing students with the knowledge and practical skills to contribute to this exciting area of research. Work within the Research Institute for Sport and Exercise Sciences pioneered the application of proteomic techniques in exercise physiology, and this module principally provides training in traditional and contemporary protein analysis. The module is delivered through problem-based discussions and laboratory practicals conducted in small groups.</p>	<p><i>Learning activities:</i> This module is timetabled as either 2 h discussion sessions or 1 day (8 h) laboratory practicals. The discussion sessions employ problem-based learning to develop a working understanding of the signal transduction hypothesis of exercise-induced adaptation. The subsequent practical sessions conducted in the biochemistry laboratory are aimed at providing fundamental 'bench skills', training in sample processing methods and an introduction to key analytical techniques. Each session typically encompasses a lead-lecture, demonstration or discussion covering the essential theoretical underpinnings of the assay followed by practical training and data collection in groups of approximately 4-5 students. A detailed protocol is provided for each assay, in addition to supervision by academic and technical support staff.</p>	<p><i>Assessment:</i> Lab report (30%) Experimental design (70%)</p>
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Sports studies

4201SSLN	Sport Business 1 (20 c) Semester 1	<i>Module aim:</i> This module is an introduction to the concepts that surround the sports business and will examine the areas that make up this fast-developing industry. Students will learn both practically and theoretically, explore key agencies and organisations. In addition students will look historically and explore the possibilities for the future in sport business.	<i>Learning activities:</i> Students will participate in workshops and online learning introducing real-life case studies and theoretical constructs. Students will be supported through group and individual tutorials. Activities will be student-centred and will enable participants to realistically develop an understanding of the sport business.	<i>Assessment:</i> Portfolio (100%)
4204SSLN	Marketing, Sponsorship and PR (20 c) Semester 1	<i>Module aim:</i> This module aims to develop knowledge and understanding both theoretically and through practical scenarios about the role of marketing, sponsorship and PR in the sports business.	<i>Learning activities:</i> This module will be taught through workshops; problem-based learning; authentic learning tasks and industry case studies. This will be supported by individual and group tutorials. All activities will be student-centred and will enable participants to realistically develop an understanding of marketing, sponsorship and PR principles.	<i>Assessment:</i> Essay (40%) Portfolio (60%)

4303SSLN	Introduction to Skill Acquisition (10 c) Semester 1	<i>Module aim:</i> This module will introduce students to key concepts related to skill acquisition. It will also illustrate how these concepts can be applied in a range of physical education environments.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Essay (100%)
4304SSLN	Psychology 1 (20 c) Semester 1	<i>Module aim:</i> This module introduces students to the applied field of sports psychology and its application to physical education. Students will learn psychological principles and theories that they can use to explain behaviour within their domain of physical education.	<i>Learning activities:</i> This module will be taught via lectures, workshops, and tutorials.	<i>Assessment:</i> Presentation (100%)
4305SSLN	Development of PE (20 c) Semester 1	<i>Module aim:</i> This module will help students develop an understanding of the historical and philosophical influences on the development of physical education from the mid-19th century to current date. It will enable them to reflect on how changes in society, politics and philosophy have impacted on physical education pedagogy and practice.	<i>Learning activities:</i> Development of a portfolio based on the list below, with a focus on historical development, philosophical link, impact on PE including: - reflecting on historical developments in relation to physical education - reflecting on philosophical concepts that have impacted on the development of physical education - reflecting on the impact of individuals and initiatives on the development of physical education	<i>Assessment:</i> Portfolio (100%)

4401SSLN	Introduction to Sport Development (20 c) Semester 1	<i>Module aim:</i> This module aims to introduce students to how sport is structured, delivered and implemented in the UK.	<i>Learning activities:</i> This module will be delivered through a combination of flipped classroom style of delivery and face-to-face seminars and group tutorials. It will be supplemented by a range of on-going exercises in independent study time.	<i>Assessment:</i> Report (30%) Essay (70%)
4405SSLN	Practical Delivery of Sport (20 c) Semester 1	<i>Module aim:</i> This module will enable students to develop an understanding of safe and effective sports coaching and PE pedagogy and apply this in their own practice.	<i>Learning activities:</i> Students will be given a theoretical overview of sports pedagogy before starting on practical delivery. Much of the learning will be applied in practical sessions. Students will be required to both lead and formatively evaluate peers in these practical sessions.	<i>Assessment:</i> Coaching Manual (50%) Practice (50%)
4406SSLN	Management in Sport Development (20 c) Semester 1	<i>Module aim:</i> This module is designed to introduce students to the basic management principles in a range of sport development settings.	<i>Learning activities:</i> Students will participate in lectures, seminars and tutorials throughout the module, both in groups and as individuals. Activities will be student-centred and will enable participants to realistically develop an understanding of management principles.	<i>Assessment:</i> Presentation (70%) Essay (30%)

4461SSLN	Sport Coaching Pedagogy 1 (20 c) Semester 1	<i>Module aim:</i> This module will enable individuals to consider and appreciate how sport and physical activity can provide a positive learning environment for the development of a wide range of skills and attributes. These include movement, sport specific skills, leadership and teamwork. This module will allow for reflection on how pedagogy can impact on the physical, affective, cognitive, and social development of individuals.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Portfolio (100%)
4464SSLN	Psychology for Sports Coaches 1 (20 c) Semester 1	<i>Module aim:</i> This module introduces students to the applied field of sport psychology. It will enable the student to understand all psychological issues that are pertinent to the field of sports coaching.	<i>Learning activities:</i> The module will be delivered through lecture based workshops, online tasks, individual/group tasks and tutor support sessions.	<i>Assessment:</i> Presentation (100%)
5201SSLN	Sport Business - Grassroots (20 c) Semester 1	<i>Module aim:</i> This module aims to give students an in-depth understanding of the delivery and development of sport grassroots level.	<i>Learning activities:</i> Students will participate in workshops and online learning introducing real-life case studies and theoretical constructs. Students will be supported through group and individual tutorials.	<i>Assessment:</i> Report (60%) Group Presentation (40%)
5202SSLN	Research Design (20 c) Semester 1	<i>Module aim:</i> This module will help students to develop an understanding of the different approaches and methodological choices within social science research, which will lead to the production of a small-scale research article to disseminate the findings.	<i>Learning activities:</i> This module is taught through personal tutor groups and seminars and will link to module 5204SSLN to engage the student in the use of social media and its uses in collecting data.	<i>Assessment:</i> Online test (20%) Research Article (80%)

5203SSLN	Entrepreneurship for Sport (20 c) Semester 1	<i>Module aim:</i> Develop a new and realistic sport enterprise idea to a point where it would have the potential to set up as a business.	<i>Learning activities:</i> Workshops Guest speakers Action learning Research activities Business networking Utilisation of business resources	<i>Assessment:</i> Presentation (70%) Reflection (30%)
5301SSLN	Personal and Professional Development 2 (20 c) Semester 1	<i>Module aim:</i> This module allows students to experience, observe, contribute and apply professional principles within a work-based learning community environment.	<i>Learning activities:</i> This module will be delivered through Peer Learning Groups (PLG) and through Work-Based Placement	<i>Assessment:</i> Presentation (50%) Portfolio (50%)
5302SSLN	Applied Pedagogy 2 (20 c) Semester 1	<i>Module aim:</i> This module will enable students to consider and appreciate how physical education can provide a positive learning environment for the development of a wide range of skills and attributes. These include movement, sport specific, leadership, teamwork. This module will allow for critical reflection on how pedagogy can impact on the physical, affective, cognitive and social development of individuals.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Planning and using individual and group discussions as aid to learning Online lectures Presenting information in a variety of ways Practical teaching of peers and experience in a range of physical education and outdoor and adventurous activities	<i>Assessment:</i> Portfolio (100%)

<p>5307SSLN</p>	<p>Contemporary Issues in Physical Education 2 (20 c) Semester 1</p>	<p><i>Module aim:</i> This module aims to develop a conceptual understanding of physical education and sport within society, by considering the influence of external partners and examining the current community and National strategies and initiatives that impact on the development of young people and analyse these from sociological perspectives.</p>	<p><i>Learning activities:</i> Theoretical and practical concepts and principles will be introduced and developed through a combination of lectures, seminars and practical learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and workshop sessions, in order to aid their contribution to discussions and debates from an informed point of view. Theoretical concepts and principles will be introduced and developed through a combination of lectures, workshops and work-based learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and seminar sessions, in order to aid their contribution to discussions & debates from an informed point of view.</p>	<p><i>Assessment:</i> Presentation (100%)</p>
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5308SSLN	Exercise and Nutrition for PE 1 (20 c) Semester 1	<i>Module aim:</i> This option module aims to allow students to develop an understanding of the basic nutritional requirements to support health and physical performance. In addition, the module also aims to introduce the biochemical energy systems involved during exercise. Individuals will also develop an awareness of the impact of ergogenic aids and their contribution to exercise.	<i>Learning activities:</i> The module content will be explored in lectures and through workshops. Theoretical lectures will provide appropriate subject knowledge to support practical application.	<i>Assessment:</i> Essay (100%)
5361SSLN	Environmental Perspectives in Outdoor Education (20 c) Semester 1	<i>Module aim:</i> To examine the concept of sustainable living and the past, present and future impact of the human population on planet Earth. Analysis, synthesis and evaluation of the nature, distribution and significance of physical and biological resources, their exploitation and conservation. Consideration of past societies, from prehistoric to present, and their impact on Earth's natural resources. Examination of environmental education initiatives based upon practical experience of woodland living, survival and bushcraft training gained during the module, students' personal experiences and background reading. This approach will enable students to begin to make reasoned and carefully constructed comparisons and evaluations of different approaches to sustainable living.	<i>Learning activities:</i> Lectures, tutorials, fieldwork, on-line learning	<i>Assessment:</i> Portfolio (100%)

5362SSLN	Practical Skills in Adventure 2 (20 c) Semester 1	<i>Module aim:</i> To enable students to plan and execute Outdoor Adventure considering the professional, social and physical impacts of our outdoor activities. This will support cross-module learning through practical experience. In developing knowledge and responsibility towards the Outdoor Adventure sector, it will include personal opportunity and progression.	<i>Learning activities:</i> 1. Planning and participation of Outdoor Adventures, in particular: (a) Paddlesport, (b) Rock Climbing 2. Directed practice and coaching of Outdoor Adventure in a supervised and monitored environment. This will lead to the setting of tasks and problems requiring students to demonstrate, knowledge, self-sufficiency and responsibility in outdoor environments. 3. Individual goal-setting linked to monitored independent practice and skill development. 4. These activities will provide opportunities to develop 'World of Work' skills and awareness.	<i>Assessment:</i> Practical (50%) Report (50%)
5367SSLN	Geomorphic Processes and Natural Hazards (20 c) Semester 1	<i>Module aim:</i> To provide an understanding of earth surface processes as natural hazards, their geomorphology, impacts and human responses.	<i>Learning activities:</i> Lectures; discussions; directed reading; poster preparation; presentation and written summary; fieldwork, practical activities, on-line resources.	<i>Assessment:</i> Essay (50%) Exam (50%)
5401SSLN	Sport Development Policy (20 c) Semester 1	<i>Module aim:</i> This module aims to extend students' understanding of sport development theory and practice of policy.. In addition, students will develop an understanding of the choices and pressures sport development practitioners face in devising, shaping and delivering sport development activity.	<i>Learning activities:</i> This module will be delivered through a combination of flipped classroom learning, seminars and group tasks. It will be supplemented by a range of on-going exercises in independent study time. The group task will be delivered in partnership with external agencies to develop good practice and to get students to respond to live 'issues and case studies'.	<i>Assessment:</i> Report (50%) Essay (50%)

5403SSLN	Research Methods (20 c) Semester 1	<i>Module aim:</i> This module will enhance students' understanding of the research process and develop their skills to complete investigations involving primary data collection and interpretation.	<i>Learning activities:</i> This module is taught via lectures, seminars and workshops. The lectures and seminars focus on the theoretical underpinning as outlined above while workshops focus on students developing and executing their small scale research project.	<i>Assessment:</i> Report (100%)
5461SSLN	Sport Coaching Pedagogy 2 (20 c) Semester 1	<i>Module aim:</i> This module aims to provide students with a critical appreciation of pedagogical models, their application, and evidence base. It seeks to provide opportunities for students to critical review pedagogical models and to develop their own pedagogical practice. In so doing students will utilise research skills and their own self-reflection to further their understanding of pedagogical practice.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Portfolio (100%)

5465SSLN	Strength and Conditioning for Coaches 2 (20 c) Semester 1	<p><i>Module aim:</i> Students will learn how to implement strength and conditioning concepts and principles in the applied sporting environment. Specifically, students will develop knowledge of programme design through an improved awareness of 'periodisation' and 'programme delivery'. Students will gain the opportunity to practice and explore the correct ways to administer safe and effective training-interventions. Students will also gain an awareness of how to 'monitor and evaluate' the needs of individual participants from a range of applied environments.</p> <p>The module will be delivered in classrooms and practical spaces.</p>	<p><i>Learning activities:</i> The module will be delivered through lecture based workshops, practical sessions, online tasks, individual/group tasks and tutor support sessions.</p>	<p><i>Assessment:</i> Portfolio (50%) Practical Exam (50%)</p>
5466SSLN	Employability and Professional Development 2 (20 c) Semester 1	<p><i>Module aim:</i> The aim of this module is to encourage students to understand the nature and importance of employability and professional development in relation to Sport Coaching. The module will encourage students experience, observe and apply theoretical principles within a practical work based learning environment. Through undertaking an extended coaching placement you will be presented with a practical environment to align course theory with industry application, which will enable students to define their role as a coach and developing skills in an appropriate environment.</p>	<p><i>Learning activities:</i> Placement based experiential learning Study skills techniques including note-taking, active reading, planning for an assignment and information searches Group discussions as an aid to learning Presenting information in practical environments Self-reflection</p>	<p><i>Assessment:</i> Practical (50%) Portfolio (50%)</p>

6201SSLN	Sport Business 3 (20 c) Semester 1	<i>Module aim:</i> To develop students' knowledge and understanding of the issues and concepts that exist within the sports business. To explore the multifaceted approach to the business that sport has become and the issues and complexities that surround it. To develop practical skills in relation to the core concepts of finance, sponsorship, marketing and technology.	<i>Learning activities:</i> This module will be taught through a problem based learning (PBL) approach, combining workshops and tutorials. Analysis of case studies and real world examples will take place. This will be supported through guest speaker sessions with current industry practitioners.	<i>Assessment:</i> Portfolio (100%)
6204SSLN	Sport Event Management (20 c) Semester 1	<i>Module aim:</i> This module aims to equip students with the skills needed to prepare, plan and execute a live sports event.	<i>Learning activities:</i> Students will participate in workshops, seminars and tutorials throughout the module both in groups and as individuals. Activities will be student-centred and will enable participants to realistically develop an understanding of the event management process. As part of the module students will be expected to plan, run and manage a live sport event of their choosing.	<i>Assessment:</i> Running a live event (40%) Report (60%)
6205SSLN	Sport Business in Practice 3 (20 c) Semester 1	<i>Module aim:</i> This module will support students in developing their employability and entrepreneurship skills. It is designed to provide students with an opportunity to respond to an employer's 'live' brief that will address a contemporary issue facing the current sport business industry that their host belongs to. The module has a strong focus on independent work. This work must be original and cannot be a duplication of Sport Business in Practice 2. The student will be expected to produce a professional end product for the host organisation.	<i>Learning activities:</i> This module requires the student to undertake a minimum of 100 hours of work in developing solutions to a 'live' brief. This module requires the student to undertake a minimum of 100 hours on their project. The allocation of the 100 hours will be dependent on the agreed plan for completing their proposed solution for the host.	<i>Assessment:</i> Presentation (30%) Portfolio (70%)

6301SSLN	Make it Happen - Project Plan (10 c) Semester 1	<i>Module aim:</i> The aim of this module is to prepare to undertake a community physical education activity project as a team and in doing so develop an understanding of how leadership, management and teamwork skills have the potential to be effectively applied.	<i>Learning activities:</i> Project management and monitoring procedures. Team roles, development and performance. Leadership and management styles and theories.	<i>Assessment:</i> Report (100%)
6302SSLN	Applied Pedagogy 3 (20 c) Semester 1	<i>Module aim:</i> This module aims to critically analyse the needs and performance of learners. By providing students with a conceptual understanding of pedagogical and talent development theory.	<i>Learning activities:</i> ICT workshops Performance Analysis Practical coaching sessions Lectures Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Report (100%)
6310SSLN	Physical Literacy for Life (10 c) Semester 1	<i>Module aim:</i> To examine and consider on how physical literacy has been interpreted and embraced worldwide.	<i>Learning activities:</i> Learning Activities: Lectures and Workshops	<i>Assessment:</i> AS1 (100%)

6362SSLN	Advanced Professional Practices in Outdoor Education (10 c) Semester 1	<i>Module aim:</i> The module aims to provide students with a work based knowledge and understanding of outdoor practices that develops a critical awareness of professional practice issues and their competence as a reflective practitioner. The module will provide students with a critical understanding and experience of the theory and application of Development Training, with opportunities for developing key teaching, coaching and facilitation skills in an applied context. There is also an element that provides support and enhancement of student's development in a range of 'World of Work' skills, and prepares them for the transition into employment.	<i>Learning activities:</i> The programme of study will include lectures, practical and theoretical teaching activities. A key aspect is the students' engagement in experiential learning activities that mirror development training practices. Here they will facilitate development training processes and participation in critical reflective practice as a professional outdoor educator.	<i>Assessment:</i> Portfolio (100%)
6363SSLN	Critical Perspectives in Outdoor Education (20 c) Semester 1	<i>Module aim:</i> To provide students with the theoretical framework so that they might critically examine and challenge the assumptions inherent in Outdoor Education discourse. This will examine practice and theory by considering some of the historical, political, philosophical and educational issues involved.	<i>Learning activities:</i> Lectures, Presentations, Tutorials, Group Tutorials, Student led discussions, Seminars, Exam preparation workshops.	<i>Assessment:</i> Exam (34%) Portfolio (66%)

6365SSLN	Work Related Learning 2 (10 c) Semester 1	<i>Module aim:</i> The aim of this module is to provide the student with the opportunity to set and work towards personal employment goals within an area of work that may be relevant to your future career choice.	<i>Learning activities:</i> Work Placement: - Your work based learning placement requires you to take on the role of an employee (under supervision) within the organisation. This should provide opportunities for you to learn by practical involvement the operation of procedures that guide practice within the organisation; observe and interview key individuals within the organisation. Once this placement is complete you are required to write an evaluative report on the agency within the industry; reflecting on the experience to illustrate a selected key experience work experience. Please refer to the dedicated work based learning handbook which was made available for you in year two under WRL 1 via the Blackboard VLE. An updated version for this year's module can also be found under WRL 1 module content on Blackboard.	<i>Assessment:</i> Essay (100%)
6366SSLN	Evolution of Glacial, Fluvial and Karst Landscapes (20 c) Semester 1	<i>Module aim:</i> To allow students to understand the erosional and depositional processes operating in glacial, fluvial and karst environments and to understand the cause of the geomorphic landscapes created by such processes.	<i>Learning activities:</i> Lectures, fieldwork.	<i>Assessment:</i> Essay (50%) Exam (20%) Field Report (30%)

6401SSLN	Strategic Sport Development (20 c) Semester 1	<i>Module aim:</i> This module aims to enable students to critically analyse, manage and evaluate strategic sport development current issues.	<i>Learning activities:</i> This module will comprise of flipped classroom learning with applied interactive seminar sessions to consolidate learning and apply content from online learning. In addition a series of 1-2-1 and group tutorials will be used alongside each of the two sets of assessment to support critical analysis at level 6.	<i>Assessment:</i> Report (100%)
6405SSLN	Evaluating Sports Practitioners (20 c) Semester 1	<i>Module aim:</i> This module will enable students to recognise, manage and support the development of sports practitioners.	<i>Learning activities:</i> Lectures will introduce students to fundamental knowledge about the coaching process to enable them to build their own model to evaluate a coach. Key topics will include education and development models, the application of power in coaching relationships and the evaluation of coaches through a variety of validated frameworks. Practical sessions will help students to critically evaluate and then implement their models of sport practitioner development. Seminars will allow students to discuss and review their progress in developing a model and in its implementation.	<i>Assessment:</i> Portfolio (100%)

6462SSLN	Interdisciplinary Considerations for Programme Design (20 c) Semester 1	<i>Module aim:</i> This module seeks to integrate the principles of S&C to produce an annual training plan. Students will need to demonstrate the ability to critically evaluate the key concepts and challenges of programme design and delivery. In particular, students will develop an understanding of how programme design is challenged by different population groups (age and level of maturity), injury status and sporting contexts. The module will be delivered in classrooms and practical spaces.	<i>Learning activities:</i> The module will be delivered through lecture based workshops, practical sessions, online tasks, individual/group tasks and tutor support sessions.	<i>Assessment:</i> Portfolio (100%)
6463SSLN	Psychology for Sports Coaches 3 (10 c) Semester 1	<i>Module aim:</i> This module seeks to integrate the principles of psychology into an annual training plan. Students will need to demonstrate the ability to critically evaluate the key concepts and challenges of programme design and delivery. In particular, students will develop an understanding of how programme design is challenged by different population groups (age and level of maturity), injury status and sporting contexts. The module will be delivered in classrooms.	<i>Learning activities:</i> The module will be delivered through lecture based workshops, online tasks, individual/group tasks and tutor support sessions.	<i>Assessment:</i> Portfolio (100%)
6466SSLN	Employability and Professional Development 3 (20 c) Semester 1	<i>Module aim:</i> The aims of this module is to provide students with the opportunities to develop their coaching skills and knowledge in relation to future employability. The aim is for the students to become independent, reflexive practitioners who are capable of sustaining enquiry into aspects of professional sports coaching or delivery context. This module offers the opportunity to plan, implement, analyse and revise and reflect on a sustained coaching placement.	<i>Learning activities:</i> Placement based experiential learning Study skills techniques including note-taking, active reading, planning for an assignment and information searches Group discussions as an aid to learning Presenting information in practical environments Self-reflection	<i>Assessment:</i> Portfolio (50%) Presentation (50%)

7401SSLN	Advanced Coaching Process (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to allow students to gain an advanced understanding of the theoretical concepts that are essential to the coaching process. The module will explore concepts as they apply to each individual within their particular sport coaching role. It will enable them to form clear understanding of the marriage between theory and practice in sport coaching.	<i>Learning activities:</i> Students will participate in lectures, seminars and web-based support activities throughout the module. There will also be a strong element of self-directed learning and engagement.	<i>Assessment:</i> AS1 (100%)
7402SSLN	Sport Coaching Pedagogy and Practice (20 c) Semester 1	<i>Module aim:</i> To develop a critical understanding of how you, as a coach, align to Sports Coach UKs "The Coach as..." guidelines. Examining professional, pedagogic and practical alignment whilst also evidencing critical understanding of athlete learning and development in your sport.	<i>Learning activities:</i> The module incorporates multi-disciplinary approaches that draws on contemporary literature and current issues surrounding coaching pedagogy and practice. The module critically examines the role of the coach and other stakeholders within the coaching process. There is exploration of the nature and structure of learning theories and environments. Students will have the opportunity to reflect upon their own coaching strategies and delivering skills and relate these to the relevant theories.	<i>Assessment:</i> AS1 (70%) AS2 (30%)

Tourism and events

4000SSLN	Events Industry (20 c) Semester 1	<i>Module aim:</i> To gain knowledge and understanding of: a) the role of events in society b) the event industry, the external environment of events and the importance of stakeholders	<i>Learning activities:</i> The formal staff/student contact comprises a series of sessions made up of lectures and small group activities. The sessions may include guest lectures by practitioners and event site visits.	<i>Assessment:</i> Poster (40%) Report (60%)
4003SSLN	Event Planning & Risk Assessments (20 c) Semester 1	<i>Module aim:</i> To introduce students to the application of event planning models, project management and risk assessment techniques to a variety of events	<i>Learning activities:</i> The module will be taught through a combination of lectures, workshops using case studies of real life event examples and expert guest speakers. Students will participate in small group task-orientated activities based around real world event scenarios, including "opportunities" to work on real world events via EventStart.	<i>Assessment:</i> Group Presentation (100%)
4005SSLN	Management and Leadership in Tourism (20 c) Semester 1	<i>Module aim:</i> This module aims to provide an introduction to management and leadership theory with particular reference to tourism. It aims to develop management and leadership skills in students, which they can apply in employment or in practical elements of their degree.	<i>Learning activities:</i> Activities will be student centred and facilitate group and individual work. They will include lectures, seminars, tutorials, and case study discussions, all contextualised to the tourism industry.	<i>Assessment:</i> Presentation (30%) Report (70%)

4006SSLN	Introduction to Management and Leadership (20 c) Semester 1	<i>Module aim:</i> This module aims to provide an introduction to management and leadership theory with particular reference to the events industry. It aims to develop management skills in students which they can apply in employment or in practical elements of their degree.	<i>Learning activities:</i> Activities will be student centred and facilitate group and individual work. They will include lectures, seminars, tutorials, and case study discussions, all contextualised to the events industry.	<i>Assessment:</i> Group Presentation (50%) Exam (50%)
4010SSLN	The Business of International Tourism (20 c) Semester 1	<i>Module aim:</i> To introduce students to the business of international tourism in order to gain fundamental knowledge of the tourism industry its structure, organisation and impact. Moreover, since tourism is part of the service industry this module also aims to introduce the students to relevant issues related to the consumer. The students will also get an introduction to the tourism industry through different forms of business contacts.	<i>Learning activities:</i> Delivered via lectures and seminars	<i>Assessment:</i> Presentations (30%) Exam (70%)
4011SSLN	Tourism Concepts (20 c) Semester 1	<i>Module aim:</i> To enable the students to gain an understanding of tourism as a phenomenon and to introduce relevant tourism concepts. The aim of the module is also to provide the students with skills referring to academic conduct and writing.	<i>Learning activities:</i> Delivered via lectures and seminars	<i>Assessment:</i> Presentation (10%) Essay (30%) Essay (60%)
5000SSLN	Staging Events 1 (20 c) Semester 1	<i>Module aim:</i> The aim of this module is to equip students with the theoretical knowledge and understanding and practical skills needed to plan a live event.	<i>Learning activities:</i> The formal staff/student contact comprises a series of sessions made up of lectures and small group activities. The sessions may include guest lectures by practitioners and event site visits.	<i>Assessment:</i> Group Presentation (90%) Peer Assessment (10%)

5002SSLN	Research Design (10 c) Semester 1	<i>Module aim:</i> To enable students to understand a variety of research methodologies and be able to understand and critically analyse the application of different research methods to a diverse range of research topics.	<i>Learning activities:</i> Interactive lectures during which students will participate in discussions based around material presented in the lectures, as well as drawing on prescribed reading and case studies.	<i>Assessment:</i> Essay (100%)
5004SSLN	Integrated Marketing Communications (20 c) Semester 1	<i>Module aim:</i> This module equips students with the skills and knowledge needed to manage integrated marketing communications and brand support activities, contextualised to events.	<i>Learning activities:</i> Activities will be student centred and facilitate group and individual work. They will include lectures, seminars, tutorials, practical workshops and case study discussions, all contextualised to integrated marketing communications.	<i>Assessment:</i> Report (60%) Group Presentation (40%)
5006SSLN	Professional Skills Development 2 (10 c) Semester 1	<i>Module aim:</i> To develop knowledge and skills required to improve performance in a professional capacity	<i>Learning activities:</i> Delivered via workshops. Wherever possible the activities will relate to experiences within the workplace. This module will be linked to Personal Development Planning and Peer Learning Groups	<i>Assessment:</i> Portfolio (100%)
6001SSLN	Enterprise & Entrepreneurship for Events (20 c) Semester 1	<i>Module aim:</i> To develop an understanding of the concepts of entrepreneurship and business enterprise.	<i>Learning activities:</i> Students will work individually on their chosen business idea. They will present their business idea to a panel of tutors and they will receive feedback from their presentation which will inform the subsequent development of an assessed business plan	<i>Assessment:</i> Individual Pitch (30%) Business (70%)

6002SSLN	Event Impacts (20 c) Semester 1	<i>Module aim:</i> To equip student with knowledge and understanding of event impacts and related theoretical perspectives.	<i>Learning activities:</i> This module will consist of lectures outlining theoretical and conceptual approaches to and an understanding of event impacts followed by seminars informed through student led activities and field visits around Liverpool	<i>Assessment:</i> Essay (50%) Report (50%)
6003SSLN	Contemporary Issues in Events (20 c) Semester 1	<i>Module aim:</i> To develop a critical perspective of contemporary issues within the events industry	<i>Learning activities:</i> Interactive lectures which will be both tutor and student led. Students will participate in discussions based around material presented in the lectures as well as using prescribed reading and case studies.	<i>Assessment:</i> Essay Plan and Bibliography (20%) Essay - Self Titled (80%)
6011SSLN	Tourism, Heritage and Culture (20 c) Semester 1	<i>Module aim:</i> To provide students with a critical understanding and knowledge of the relationship between tourism, heritage and culture	<i>Learning activities:</i> Delivered by lectures and seminars	<i>Assessment:</i> Case Study Report (100%)
6013SSLN	Contemporary Issues in International Tourism (10 c) Semester 1	<i>Module aim:</i> To develop and extend students' ability to critically analyse contemporary issues of debate within the context of international tourism studies.	<i>Learning activities:</i> The module will be delivered by means of lectures and interactive seminars, during which students will participate in small group discussions based around material presented in the lectures, as well as drawing on prescribed reading and case studies. Visits to field sites as required.	<i>Assessment:</i> Presentation (30%) Exam (70%)
6015SSLN	Tourism Business Enterprise (10 c) Semester 1	<i>Module aim:</i> To develop an understanding of the concepts of entrepreneurship and business enterprise. To introduce the principles of setting-up a small business or social enterprise.	<i>Learning activities:</i> Students will work individually on their chosen business idea guided by a series of lectures, seminars, workshops and business plan clinics.	<i>Assessment:</i> Business Plan (100%)

7206TEFMA	Critical Perspectives in Tourism and Hospitality Management (20 c) Semester 1	<i>Module aim:</i> To extend students' understanding of contemporary issues impacting the management of tourism and hospitality organisations within the international context.	<i>Learning activities:</i> Workshops, online activity, guest speakers, visits to industry premises will be the main form of learning activities.	<i>Assessment:</i> AS1 (30%) AS2 (70%)
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7207TEFMA	Managing Resources in Tourism and Hospitality (20 c) Semester 1	<i>Module aim:</i> To develop a critical understanding of the major issues surrounding the management of resources within the tourism organisational context	<i>Learning activities:</i> Workshops, on-line activity, guest speakers and visits to industry premises.	<i>Assessment:</i> AS1 (25%) AS2 (75%)
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Semester 1 & Semester 2 (usually available either semester)

Built environment

5209BEUG	CONSTRUCTION CONTRACT LAW (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To evaluate the apportionment of risk and responsibility are considered under various construction contracts.	<i>Learning activities:</i> Lectures and tutorial, supported where possible with site visits, guest lectures, videos and webinar. Students should supplement their lecture notes with background reading; journals, digests, trade literature and also use the material that is available through electronic databases and manufacturers. Formative assessment with ongoing feedback throughout the module.	<i>Assessment:</i> EXAMINATION (50%) REPORT (50%)
6200BEUG	RESEARCH PROJECT (30 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to complete a substantial piece of individual work and build on their expertise in a selected area of study. To develop students research, time management, presentation and written communication skills.	<i>Learning activities:</i> Individual study and investigation, supported by nominated Supervisor; seminars tutorials and workshops	<i>Assessment:</i> RESEARCH REPORT (100%)

6203BEUG	<p>PROJECT LIFECYCLE MANAGEMENT (20 c) Semester 1 & Semester 2</p>	<p><i>Module aim:</i> To understand the whole life cycle of building projects beyond design and construction to consider operation, use and maintenance.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> PORTFOLIO (50%) EXAM (50%)</p>
6219BEUG	<p>STRATEGIC CONSTRUCTION PROJECT MANAGEMENT (20 c) Semester 1 & Semester 2</p>	<p><i>Module aim:</i> To enable students to work on realistic projects that enables the integration and development of a range of professional skills considering aspects of refurbishment and contractual arrangements.</p>	<p><i>Learning activities:</i> Lectures, Workshops, Case Studies, Industry Speakers, discussion through seminars</p>	<p><i>Assessment:</i> Scenario Based (60%) Based around Case Study (40%)</p>

Computing

7102COMP	<p>INFORMATION AND SOCIAL NETWORKS (20 c) Semester 1 & Semester 2</p>	<p><i>Module aim:</i> To study how the social, technological, and natural worlds are connected. To understand how elementary graph-theoretic concepts may help understanding the structure and certain properties of networks. To understand the software development possibilities offered by the emergence of information and social networks environments.</p>	<p><i>Learning activities:</i> Lectures followed by tutor led tutorial sessions.</p>	<p><i>Assessment:</i> Critical survey (50%) Examination (50%)</p>
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English literature

5120ENGL	English Independent Study (20 c) Semester 1 & Semester 2	<p><i>Module aim:</i> 1. To promote independent learning activities - of research, planning and writing - while under supervision;</p> <p>2. To give students an opportunity to pursue their own research-informed projects at Level 5;</p> <p>3. To promote key skills relating to Level 5 work: devising a project of suitable scope and a scheme of work to accomplish it; identifying a set of aims or key questions; exploring a body of published literature relevant to the project, and effectively communicating information, arguments and analysis.</p>	<p><i>Learning activities:</i> Tutorials, independent study, field work (if applicable), online discussion.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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Law

7101LAWLM	Advanced Legal Research Methods (20 c) Semester 1 & Semester 2	<p><i>Module aim:</i> 1. To introduce research methodologies available for conducting research in law and criminal justice.</p> <p>2. To facilitate development of Master's level technical legal and criminal justice research.</p> <p>3. To encourage a Master's level degree of independence and responsibility.</p> <p>4. To introduce key research methodologies for researching law and criminal justice.</p> <p>5. To develop the technical research requirements of a Master's Dissertation.</p>	<i>Learning activities:</i> Seminars	<i>Assessment:</i> 4500 word report (100%)
7156LAWBC	Advanced Legal Research Methods (20 c) Semester 1 & Semester 2	<p><i>Module aim:</i> 1. To introduce research methodologies available for conducting research in International Business Corporate and Finance Law.</p> <p>2. To facilitate development of Master's level technical legal research.</p> <p>3. To encourage a Master's level degree of independence and responsibility.</p> <p>4. To introduce key research methodologies for researching International Business Corporate and Finance Law.</p> <p>5. To develop the technical research requirements of a Master's Dissertation.</p>	<i>Learning activities:</i> Students will undertake some or all of the following: Lectures Workshops Research exercises Reading Seminars	<i>Assessment:</i> 4500 word report (100%)

Management

7000LBSMGT	Management Theory and Leadership (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To explore the meaning of management and leadership; To provide grounding in essential business management functions from a cross-functional and integrated perspective creating a foundation in management theory and practice.	<i>Learning activities:</i> The workshops will be interactive in nature using practical examples of management and leadership.	<i>Assessment:</i> Group presentation (60%) Class test (MCQ) (40%)
7001LBSIBM	International Business and Trade (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To gain a critical understanding of how global forces shape business environments in a world where national economies are no longer self contained entities but are interconnected and interdependent.	<i>Learning activities:</i> A series of interactive workshops consisting of mini-lecture and student centred activities.	<i>Assessment:</i> 2,500 word individual report (100%)
7001LBSMGT	Economics and Finance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> The critical appraisal of financial information in the context of the economic environment	<i>Learning activities:</i> The workshops will be interactive in nature using practical applications of economics, accounting and finance.	<i>Assessment:</i> 3,500 words (75%) 1,500 words (25%)
7002LBSMGT	Strategic Management (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To introduce students to the strategy process in a range of organisational contexts and assist them to acquire practical experience in dealing with strategic management issues.	<i>Learning activities:</i> Workshops include: tutor mini lecture, discussion of current strategic management issues, strategic business simulation, case study analysis, facilitated group discussion, problem solution, application of theory to practice.	<i>Assessment:</i> individual 1,500 (25%) reflection 3,500 (75%)

7003LBSMGT	Managing Business Research 1 (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To provide students with the knowledge and skills required to perform a systematic review of literature for a business management related topic at Masters level.	<i>Learning activities:</i> Students will be expected to actively participate in all classroom activities which will include pair and group discussion; critical reading, note-taking and summarising tasks; evaluation of samples of student work; searching the electronic library; using NVivo software.	<i>Assessment:</i> Summary of literature review (100%)
7006LBSMGT	Supply Chain Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> The aim of this module is to enable students to adopt a professional approach to SC&L decisions-making in order to develop and implement business solutions.	<i>Learning activities:</i> The seminars will include tutor-led discussions of current business and management theories, problem-solving activities, and analysis of case studies.	<i>Assessment:</i> Report (100%)
7007LBSMGT	Marketing Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To investigate the role and function of marketing within the context of changing consumer demands, globalisation, multi-media communication and social marketing. To analyse the levers that create the marketing mix for organisations and their relationship to the management skills of analysis, planning and control.	<i>Learning activities:</i> Workshops include: mini lecture, discussion of current business and management theories, case study analysis, reflection on learning experiences, facilitated group discussion, group problem solving, application of theory to practice.	<i>Assessment:</i> gp presentation and report (100%)
7110ECBM	ORGANISATIONAL CHANGE MANAGEMENT (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To provide the student with the critical understanding and skills to support active engagement in the process of strategic change management. To provide a critical understanding of the importance of effective quality and systems management in order to achieve organisational objectives. To provide the student with the skills to implement a strategic quality change in an organisation.	<i>Learning activities:</i> Seminars; tutorials; workshops; interactive seminars using case study analysis and videos; private study.	<i>Assessment:</i> 2,500 words (70%) 1,500 words (30%)

7120ECBM	<p>PRINCIPLES OF STRATEGIC MARKETING AND LEADERSHIP (20 c) Semester 1 & Semester 2</p>	<p><i>Module aim:</i> To provide the students with an understanding of links between strategic management, leadership and organisational direction and the skills to be able to apply this understanding. To provide the student with the understanding and skills to support active engagement in the process of strategic marketing in an organisational context.</p>	<p><i>Learning activities:</i> Interactive workshops/case study analysis/videos/private study.</p>	<p><i>Assessment:</i> individual (50%) group presentation (50%)</p>
7210ECBM	<p>RESEARCH METHODS FOR MANAGERS (10 c) Semester 1 & Semester 2</p>	<p><i>Module aim:</i> To enable participants to examine, plan and evaluate issues surrounding qualitative and quantitative research processes for business. To enable participants to examine the relationships between philosophy, science and empiricism. To enable participants to develop skills in qualitative design and analysis using business ethnographic, phenomenological and positivist approaches. To enable participants to undertake quantitative research design incorporating exploratory, descriptive and causal methodologies. To enable participants to develop skills in a range of analytical methods. To enable participants to critically evaluate research design, undertake epistemic approaches, distinguish interpretive approaches, realist philosophies and develop hypotheses.</p>	<p><i>Learning activities:</i> Lectures and workshops.</p>	<p><i>Assessment:</i> research proposal (100%)</p>

7220ECBM	INTEGRATED MARKETING COMMUNICATION S (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To introduce students to the marketing communications process. To provide students with knowledge of IMC, its component parts, the need for integration and the methods these for optimum benefit. The introduce the creative process to students. To empower students to design all stages of a fully integrated marketing communications campaign.	<i>Learning activities:</i> Interactive seminar/case study analysis/ videos/ private study.	<i>Assessment:</i> 2,500 word individual (50%) 20 min group presentation (50%)
7230ECBM	MANAGING HUMAN RESOURCING STRATEGY (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To provide a conceptual framework for effective employee resourcing in an international context and demonstrate the contribution of employee resourcing to effective and ethical business practice.	<i>Learning activities:</i> Lecture and interactive participation , discussion, case study analysis and reflection.	<i>Assessment:</i> 1,500 word individual essay (30%) 2,500 word individual rpt (70%)
7240ECBM	GLOBAL CORPORATE FINANCE AND GOVERNANCE (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To develop students' ability to analyse financial information for decision making in a corporate context using appropriate governance.	<i>Learning activities:</i> Directed activities prior to engaging in taught session that includes e-based learning/interactive and participatory sessions/case study analysis.	<i>Assessment:</i> 3,000 word essay (50%) written exam (50%)
7250ECBM	ETHICS FOR BUSINESS (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To develop a critical awareness of the philosophical underpinnings of ethical decision making in organisations and to appreciate the impact that ethical issues can have on organisations.	<i>Learning activities:</i> formal lectures and seminars	<i>Assessment:</i> 2,500 word report (70%) 1,500 word essay (30%)

7251BUSME	Business Environment and Analysis (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to identify and analyse the key elements of the external business environment in which organisations operate.	<i>Learning activities:</i> Workshop to include tutor input, student presentations, critiquing of application of theory to practice, critical reflection and reflective and reflexive practice.	<i>Assessment:</i> Individual Evaluation Report (40%) Individual Assignment (60%)
7252BUSME	Strategy for Market Performance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to develop meaningful and effective strategic responses and implementation plans across the entire organisation, after undertaking comprehensive strategic analysis of specific business environments.	<i>Learning activities:</i> Seminars to include tutor input, student presentations, critiquing of application of theory to practice, critical reflection and reflective and reflexive practice.	<i>Assessment:</i> Report and Critical Review (100%)
7254BUSME	Research Methods for Managers (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable participants to plan an investigation into a complex management issue, to locate the work within a body of contemporary knowledge, to plan how to generate and analyze data in order to derive supportable conclusions and practical recommendations which can impact on management practice.	<i>Learning activities:</i> Workshops, to include mini lectures, tutorials and interactive participation. Reflection on learning experiences	<i>Assessment:</i> Research Proposal (100%)
7267BUSME	Operations Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To investigate the strategic, tactical and operational contexts of the management of processes and operations, and to evaluate operations management techniques and models to address optimisation and improvement of service operations. The module is intended to allow students to share the classroom with students on the MBA Executive Development equivalent module, 7367BUSME, in response to student feedback.	<i>Learning activities:</i> Seminars, to include: mini lecture, discussion of current and developing practice and theories, case study analysis, facilitated group discussion, group problem solution, application of theory to practice, the giving and receiving of feedback.	<i>Assessment:</i> Critical Review (100%)

7310ECBM	COMMUNICATION IN AN INTERNATIONAL BUSINESS WORLD (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable future managers to be aware of and fully utilize language and communication to enhance their management effectiveness in an international setting.	<i>Learning activities:</i> Emphasis is placed on developing confidence and competence through a high level of interactivity and collaborative activities, involving interactive lectures, group discussions and task-based activities.	<i>Assessment:</i> 20 min gp presentation (40%) individual written reflection (20%) assessed seminar (40%)
7320ECBM	INTERNATIONAL BUSINESS CULTURE FOR MANAGERS (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To foster an appreciation of how culture manifests itself within a management structure. To investigate embedded cultural preconceptions with a view to generating a comparative analysis of international management. The module will also seek to challenge stereotypical views that are commonly held by dominant management styles.	<i>Learning activities:</i> Activities will consist of interactive lectures; group discussions; task-based activities; case studies and independent research.	<i>Assessment:</i> 1,500 word report (30%) 2,500 word report (70%)
7330ECBM	MANAGING INTERNATIONAL BRANDS (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To equip students with a range of skills to critically evaluate and develop international business strategies including the assessment of how brands operate in a global environment. To enable students to successfully analyse and evaluate branding strategy with reference to up-to-date cases.	<i>Learning activities:</i> Lectures, case studies, workshops	<i>Assessment:</i> individual analysis of a case (30%) team based report (70%)

7351BUSME	Business Environment and Analysis (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to identify and analyse the key elements of the external business environment in which organisations operate.	<i>Learning activities:</i> Workshop to include tutor input, student presentations, critiquing of application of theory to practice, critical reflection and reflective and reflexive practice.	<i>Assessment:</i> Individual Assignment (60%) Individual Evaluation Report (40%)
7354BUSME	Methods for Research and Dissemination (10 c) Semester 1 & Semester 2	<i>Module aim:</i> 1. To provide a conceptual framework from which research philosophies, strategies and methods associated with business and management can be critically reviewed and focused into a coherent research proposal 2. To develop high level research competencies, in particular those related to data collection, interpretation and analysis, that enable students to design, undertake and evaluate independent research in an organisational setting	<i>Learning activities:</i> Workshops, to include mini lectures, tutorials and interactive participation. Discussion of current business and management theories. Quantitative and Qualitative Analysis Development Case study analysis. Reflection on learning experiences	<i>Assessment:</i> Reflexive Portfolio (10%) Dissertation Proposal (90%)
7362BUSME	Project Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To investigate the context and processes of project management and to develop skills in the use of project management techniques.	<i>Learning activities:</i> Seminars set in PRINCE2 environment with groups developing their own case studies and interacting, critically, with other groups.	<i>Assessment:</i> Group Project Presentation (50%) Individual Critical Review (50%)
7367BUSME	Operations Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To investigate the strategic, tactical and operational contexts of the management of processes and operations, and to evaluate operations management techniques and models to address optimisation and improvement of operations	<i>Learning activities:</i> Seminars, to include: mini lecture, discussion of current and developing practice and theories, case study analysis, facilitated group discussion, group problem solution, application of theory to practice, the giving and receiving of feedback.	<i>Assessment:</i> Critical Review (100%)

7373BUSME	Information Management and Systems (10 c) Semester 1 & Semester 2	<i>Module aim:</i> In order to run a successful business, today's manager needs to combine business skills with an understanding of information systems and the opportunities and benefits that they bring to an organisation. This module aims to provide the knowledge to develop and manage an efficient business information system and how to use information systems to achieve organisational goals.	<i>Learning activities:</i> Workshops, IT based activities, lectures.	<i>Assessment:</i> Critical Review (100%)
7374BUSME	Leadership and Sustainable Change (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to evaluate critically current research and advanced scholarship in the field of leadership with a particular focus on sustainable change at a personal and organisational level.	<i>Learning activities:</i> Workshop to include tutor input, student presentations, critiquing of application of theory to practice, case studies.	<i>Assessment:</i> Critical Review (100%)
7375BUSME	Diversity and Values (10 c) Semester 1 & Semester 2	<i>Module aim:</i> To enable students to identify and evaluate critically the concepts surrounding spirituality, values and ethics, and to explore their relationship to meaningful work and effective management strategies.	<i>Learning activities:</i> Seminars are used to develop and explore student responses to diversity and values and relating these to the development of strategy within organisations. Evaluation and discussion will be encouraged through a range of tasks and discussion topics. Current issues in diversity and values matters will form part of the debate and discussion	<i>Assessment:</i> Critical Review/Report (100%)

7376BUSME	Accounting and Financial Analysis for Managers (10 c) Semester 1 & Semester 2	<i>Module aim:</i> Aims: 1. The evaluation of financial information 2. The role of financial statements in accountability	<i>Learning activities:</i> The workshops will be interactive in nature using practical applications of accounting.	<i>Assessment:</i> Exam (100%)
7451BUSME	Leadership, Engagement and People Performance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> 1. This module aims to help students begin their studies by identifying their own personal and professional leadership development goals through reflection on: personal identity, the social context of leading with and through others and an assessment of the impact of their business/organisation context on leadership practice. 2. To enable students to engage and manage performance in the business environment around them.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments, critique of application of theory to practice and critical reflection. Online delivery will consist of skills support and assessment tools. Off-site delivery incorporates workplace learning activities between workshops enabling skills to be applied, and experience to be gained.	<i>Assessment:</i> 2500 Word Portfolio (100%)
7452BUSME	Business Project (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to develop a business project negotiated with an employer.	<i>Learning activities:</i> Facilitated workshops to support the development of the strategic project. Off-site delivery incorporates workplace learning activities in the form of action learning groups providing reflection, questioning and action planning for the project.	<i>Assessment:</i> 2500 Report (100%)

7453BUSME	Leadership and Strategic Performance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the business external environment taking into account global perspectives, governance, accountability as well as social, technological and policy implications. Focusing on leadership and communication, and bringing opportunities and strengths together, this module also aims to enable students to build strategies which enabling high performance in the working environment.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word Report (50%) 20 Minute Presentation (50%)
7454BUSME	Marketing Context and Relationship Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the nature of marketing orientation its antecedents, and subsequent uses both externally and internally. This enables the student to appreciate the nature of organisational relationships and the importance of managing these effectively.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word report (100%)
7455BUSME	Business Process Excellence (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the management of the supply network, and critically evaluate and apply current operational theory and techniques in order to optimise process excellence.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 word report (100%)

7456BUSME	Enterprise and Risk Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> The aim of this module is to advance the student's understanding of risk and its management in contemporary organisations. It investigates the variety of approaches that can be employed by the organisation to effectively respond to opportunities and treat threats, and examines the key elements of business continuity management. The module explores issues of corporate governance, risk oversight, internal control and assurance in a global marketplace; it will equip students with a framework for supporting the organisation enabling it to strengthen its resilience at strategic, tactical and operational levels to face current and future risks.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 20 minute presentation (100%)
7457BUSME	Finance and Decision Making (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the sources, uses and management of finance; the use of accounting and other information systems for managerial decision making.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Report (100%)
7458BUSME	Digital Business Innovation (10 c) Semester 1 & Semester 2	<i>Module aim:</i> Overall this module aims to enable students to understand digital business, how innovation and the development of strategic priorities to deliver business at speed in an environment where digital technology and information is reshaping traditional business models.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word Report (100%)

7459BUSME	Leading Change for Sustainable Futures (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students initiate and lead change in their organisation with a focus on sustainable change at both a personal and organisational level.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments, critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word Portfolio (100%)
7460BUSME	Research Strategies for Practitioners (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to develop a conceptual framework from which research philosophies strategies and methods associated with leadership business and management can be critically reviewed and focussed into a coherent strategic leadership/business consultancy project, and in doing so, to develop as reflective scholarly practitioners.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Proposal (100%)
7461BUSME	Leadership, Engagement and People Performance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> 1. This module aims to help students begin their studies by identifying their own personal and professional leadership development goals through reflection on: personal identity, the social context of leading with and through others and an assessment of the impact of their business/organisation context on leadership practice. 2. To enable students to engage and manage performance in the business environment around them.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments, critique of application of theory to practice and critical reflection. Online delivery will consist of skills support and assessment tools.	<i>Assessment:</i> 2500 Word portfolio (100%)
7465BUSME	Project Management (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the different aspects of project management, in order to utilise this management skill in the working environment.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 20 Minute group presentation (50%) 2500 word report (50%)

7470BUSME	Research Methods (10 c) Semester 1 & Semester 2	<i>Module aim:</i> 1. This module aims to enable students to provide a conceptual framework from which research philosophies, strategies and methods associated with business and management can be critically reviewed and focused into a coherent research proposal 2. To develop high level research competencies, in particular those related to data collection, interpretation and analysis, that enable students to design, undertake and evaluate independent research in an organisational setting	<i>Learning activities:</i> Workshops, to include mini lectures, tutorials and interactive participation. Discussion of current business and management theories. Quantitative and Qualitative Analysis Development Case study analysis. Reflection on learning experiences	<i>Assessment:</i> 2500 Word proposal (100%)
7472BUSME	Leadership Project (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to apply knowledge skills and behaviours to leadership practice through the completion of a work based project which broadens student's perspective on the organisation through an investigation of the way the organisation responds to leadership interventions. The project provides the opportunity for the student to explore more widely across the organisation and build a broader network of relationships, appreciating how different elements of the business contribute to leadership practice	<i>Learning activities:</i> Facilitated workshops to support the development of the strategic project. Off-site delivery incorporates workplace learning activities in the form of action learning groups providing reflection, questioning and action planning for the project.	<i>Assessment:</i> 2500 Word Report (100%)
7473BUSME	Managing the Business (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to understand the inter-relationship of key management functions in a business and their impact on effective management. This module provides a basis upon which students can assess how individuals can maximise the way they manage in an organisation.	<i>Learning activities:</i> Workshops will have an action-learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word Report (100%)

7474BUSME	Leading and Managing People Practices (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to evaluate and apply current research and practice in the field of leading and managing people, reviewing and reflecting on the application of people management practices within the context of emerging themes	<i>Learning activities:</i> Workshops will have an action-learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word report (100%)
7475BUSME	Emerging Management Practices (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to understand the inter-relationship of key management functions in a business and their impact on effective management. This module provides a basis upon which students can assess how individuals can maximise the way they manage in an organisation	<i>Learning activities:</i> Workshops will have an action-learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word reflective report (100%)
7476BUSME	Managing the Digital Business (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to understand the inter-relationship of key management functions in a digital business and their impact on effective management. This module provides a basis upon which students can assess how individuals can maximise the way they manage in a digital organisation.	<i>Learning activities:</i> Workshops will have an action-learning core with tutor input and flipped classroom environments. Critique of application of theory to practice and critical reflection	<i>Assessment:</i> 2500 Word Report (100%)

7481BUSME	Scale-up Leadership (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students begin their studies by identifying their own personal leadership development needs by self-review and an assessment of their business scale-up context. Central to scaling a business is the need for the leaders in the organisation to develop their mind-set for growth. This module allows the student to review and reflect on their leadership and importantly then considers the way leaders engage and equip those around them to scale the business. This module is about leading a high performing business.	<i>Learning activities:</i> Participative workshops integrating theory, idea, skills development and reflection on practice. Action learning groups and modelling of coaching processes develop practice and reflection. Off site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 2500 Word Porfolio (100%)
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7482BUSME	Fast Strategy for Market Access (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students assess strategy approaches to accelerate business growth. The routes to market growth and for building customers will be investigated, with particular emphasis on identified strategies for high growth potential businesses, such as support for market entry and access to markets	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 2500 Word Report (100%)
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7483BUSME	Productivity, Talent and Excellence (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students understand the interplay between productivity, people and performance within excellence frameworks and highlights some of the key business issues recognised as underpinning growth.	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 2500 Word Report (100%)
7484BUSME	Finance for Scale-Up (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students understand the interplay between productivity, people and performance within excellence frameworks and highlights some of the key business issues recognised as underpinning growth.	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 20 Minute presentation (100%)
7485BUSME	Leading Agile Projects & Change (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students develop their understanding of the need for responsive projects to grow the business and achieve change quickly. This places an emphasis on emerging projects and change practices evidence in agile and lean approaches.	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 2500 Word report (100%)

7486BUSME	Digital Business, Innovation & Sustainability (10 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students develop their knowledge and skills to innovate. This is especially important within the digital and technology spheres which hold a particular opportunity for scale-up business. Digital business and technology provide high potential areas to scale a business. Alongside the need to innovate students should appreciate the value of building a sustainable future, both with corporate social responsibility and adopting principles for the long-term benefit of the business and its wider contribution to society	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 2500 Word Report (100%)
7487BUSME	Business Development (30 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students bring together the different strands of scaling up a business and consider how they integrate to develop a business.	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 3000 word report (40%) 4500 word Plan (60%)

7488BUSME	Leading Business Growth (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to help the students bring together the different strands of scaling up a business and consider how they integrate to develop a business.	<i>Learning activities:</i> Participative workshops incorporate, integrating theory, idea, skills development and reflection on practice. Workshops also incorporate action learning groups and modelling of coaching processes developing practice and reflection. Off-site delivery applies to workplace learning activities between workshops enabling skills to be applied, and experience to be gained. Skills support and assessment tools on-line.	<i>Assessment:</i> 20 Minute Presentation (40%) 2500 word Portfolio (60%)
7491BUSME	Leadership, Engagement and Personal Development (20 c) Semester 1 & Semester 2	<i>Module aim:</i> 1. This module aims to help students begin their studies by identifying their own personal and professional leadership development goals through reflection on: personal identity, the social context of leading with and through others and an assessment of the impact this has in a business/organisation context.	<i>Learning activities:</i> Workshops will have an action learning core with tutor input and flipped classroom environments, critique of application of theory to practice and critical reflection. Online delivery will consist of skills support and assessment tools. Off-site delivery incorporates workplace learning activities between workshops enabling skills to be applied, and experience to be gained.	<i>Assessment:</i> 5000 Word Portfolio (100%)
7492BUSME	Strategy and Digital Marketing Communications (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims to enable students to understand the competitive business external environment taking into account social, technological environmental and political implication. Focusing on digital marketing communications, students should then be able to research effectively before developing then applying creative and engaging digital marketing communications through a number of platforms.	<i>Learning activities:</i> Off site incorporates LJMU led sessions combining theory to practical application. these will be delivered in the approved off-site location. Workshops will have an action learning core with tutor input and flipped classroom environments, critique of application of theory to practice and critical reflection	<i>Assessment:</i> 5000 Word Portfolio (100%)

7493BUSME	Leadership Marketing Project (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module aims for students to apply knowledge skills and behaviours to leadership marketing practice through the completion of a live case study with a client linked to a marketing/digital marketing issue.	<i>Learning activities:</i> Off site incorporates LJMU led sessions that incorporates live case study application, these sessions will be delivered in the approved off-site location. Workshops will support the development of the strategic project and presentation.	<i>Assessment:</i> 3000 Word Individual Report (80%) 15 Minute Presentation (20%)
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Maritime

6101MAR	Maritime Finance and Economics (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To develop a critical awareness of the economic environment in which ships are financed, traded and operated and to analyse a range of managerial issues in the maritime industry.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
6106MAR	Law and Insurance (20 c) Semester 1 & Semester 2	<i>Module aim:</i> To provide an in-depth analysis of the topics of Admiralty Law and of the modern law of Marine Insurance.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)

Mechanical engineering

6105MECH	Marine Design and Propulsion (20 c) Semester 1 & Semester 2	<i>Module aim:</i> The module aims to analyse many of the critical marine systems associated with ships including aspects of safety within the marine industry	<i>Learning activities:</i> A combination of lectures, tutorial, practical sessions supported by a ship visit.	<i>Assessment:</i> Examination (70%) Portfolio (30%)
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Media production

7010DOC	Media Production Project (30 c) Semester 1 & Semester 2	<i>Module aim:</i> To allow professional media practitioners or those with considerable experience in the media industry to research an aspect of production in depth. The project is self-determined and agreed with the module leader.	<i>Learning activities:</i> Tutorials	<i>Assessment:</i> Project (100%)
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Sports studies

5305SSLN	Psychology 2 (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This option module builds on the foundations introduced in level 4 by supporting students' ability to correctly apply sport psychology concepts in a physical education setting.	<i>Learning activities:</i> This module will be taught via lectures, workshops, and tutorials.	<i>Assessment:</i> Presentation (50%) Report (50%)
5404SSLN	Engaging under-represented groups in Sport (20 c) Semester 1 & Semester 2	<i>Module aim:</i> This module will enhance students' understanding of the fundamental principles of inclusion and equality of opportunity, particularly in relation to engaging under-represented groups in sport and physical activity from both a theoretical and practice-based perspective.	<i>Learning activities:</i> This module is taught via lectures and seminar sessions. Students will be required to engage in interactive tasks and group discussions during sessions.	<i>Assessment:</i> Essay (100%)

Semester 2

Accounting and finance

4002LBSAF	Introduction to Economics (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with an introduction to modern economic principles. 2. To develop students' understanding of micro and macro economics.	<i>Learning activities:</i> Lectures and seminars. The weekly seminar follows up on lecture material and also focuses on the applied side of each topic.	<i>Assessment:</i> Group Presentation (40%) Closed Book Examination (60%)
4004LBSAF	Introduction to Financial Reporting & Corporate Governance (20 c) Semester 2	<i>Module aim:</i> This module builds on the module Introduction to Financial Accounting. It develops students' financial accounting knowledge and provides an introduction to the regulatory framework of accounting corporate governance and ethics.	<i>Learning activities:</i> A combination of lectures, workshops (with student activities) and private study.	<i>Assessment:</i> Group Presentation (25%) Closed Book Examination (75%)
4005LBSAF	Management & Cost Accounting (20 c) Semester 2	<i>Module aim:</i> 1. To explain the principles in designing management and cost accounting information systems. 2. To explain the principles involved in evaluating management and cost accounting information.	<i>Learning activities:</i> Delivery of this module will be via twice weekly workshops. Students activities will be bedded in to the workshops. Private study is also expected for this module.	<i>Assessment:</i> Individual 500 words (25%) Closed Book Examination (75%)
5000LBSAF	Financial Accounting (20 c) Semester 2	<i>Module aim:</i> To enable students to formulate and evaluate financial statements within the context of the prevalent regulatory framework and to demonstrate an awareness of the alternative methods of the preparation of financial statements.	<i>Learning activities:</i> A combination of lectures, workshops and private study.	<i>Assessment:</i> Closed Book Examination (80%) Pre-seen in-class test (20%)

5002LBSAF	Financial Management (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to corporate, investment and international finance decision making.	<i>Learning activities:</i> Weekly workshops with individual student activities.	<i>Assessment:</i> Closed Book Examination (100%)
5003LBSAF	Data Analysis for Accounting (20 c) Semester 2	<i>Module aim:</i> 1. To equip students with the technical skills to be able to accurately perform data modelling using Microsoft Excel 2. To facilitate the development of analytical skills	<i>Learning activities:</i> Workshops to facilitate the acquisition of Microsoft Excel. On-line tutor support as part of a business simulation exercise.	<i>Assessment:</i> In-class Test (25%) Individual 2000 words (75%)
5055BUSBM	Investment and Financial Analysis (20 c) Semester 2	<i>Module aim:</i> The module is designed to enable the student to use investment appraisal techniques and to critically evaluate investment appraisal activity within the firm. The module will also enable students to demonstrate an awareness of the significance of finance theory and its contemporary and practical relevance.	<i>Learning activities:</i> There are THREE components to learning activity : 1. Lectures - introduction of new material 2. Workshop - Recapping and developing material 3. Seminar - applying and testing of material	<i>Assessment:</i> Financial Report (50%) Examination (50%)
6000LBSAF	Advanced Financial Accounting (20 c) Semester 2	<i>Module aim:</i> To enable students to prepare group financial statements within the context of the prevalent regulatory framework and to demonstrate an awareness of the significance of accounting theory in contemporary and practical contexts.	<i>Learning activities:</i> Lectures and workshops. Workshops will include student activities to consolidate learning.	<i>Assessment:</i> Closed Book Examination (100%)

6004LBSAF	Taxation (20 c) Semester 2	<i>Module aim:</i> To give students a sound understanding of the UK tax system.	<i>Learning activities:</i> Each week a two hour lecture which will provide students with the key concepts of taxation, and an understanding of the legislation that taxpayers must adhere to. Each week a two hour seminar in which students will consolidate knowledge by practice questions and discussion on the lecture topics.	<i>Assessment:</i> Individual Report (20%) Closed Book Examination (80%)
6005LBSAF	Auditing & Assurance (20 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of the audit process and its application in the context of the external regulatory framework and for business control purposes.	<i>Learning activities:</i> Lectures with interactive seminars. Students are also expected to undertake private study as part of this module.	<i>Assessment:</i> Individual 2000 words (20%) Closed Book Examination (80%)
6006LBSAF	Personal Finance (20 c) Semester 2	<i>Module aim:</i> To provide students with a rigorous framework within which to make personal financial decisions.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Closed Book Examination (60%) Individual 2000 words (40%)

6007LBSAF	International Finance (20 c) Semester 2	<p><i>Module aim:</i> 1. To provide an international perspective to corporate finance. 2. To provide the student with an understanding of the nature and role of the exchange rate in finance and economics. 3. To increase awareness of market risk and the mechanisms available to mitigate this risk.</p>	<p><i>Learning activities:</i> The module delivery mainly is through a combination of the lectures and seminars, with the purpose of equipping students with a blend of theories and applications in the area of International Finance. The module contents builds upon students' existing knowledge foundations on Corporate Finance, and attempts to expand and advance all the basic aspects of corporate finance into the international level. Each topic will require students' active engagement in receiving lectures and practicing in various ways, such as case studies, group discussions, and solving numerical problems. A trader simulation game in FX market will also open to students. It offers an opportunity and healthy competitive environment for a 'hands-on' experience in the international finance world.</p>	<p><i>Assessment:</i> Individual 2000 words (40%) Closed Book Examination (60%)</p>
7002FIMMSC	Financial Markets and Institutions (20 c) Semester 2	<p><i>Module aim:</i> The aim of this module is to examine and understand why financial markets and institutions exist, and what services those institutions and markets offer. Through the critical analysis and evaluation of both institutions and markets students will be expected to provide suitable decisions and recommendations to limit failures within the industry.</p>	<p><i>Learning activities:</i> Lectures and seminars will be used to impart knowledge and develop understanding of key areas. Group discussions and activities will be used within seminar sessions.</p>	<p><i>Assessment:</i> Presentation (40%) Unseen; Closed Book Examination (60%)</p>
7004FIMMSC	Globalisation of Finance (20 c) Semester 2	<p><i>Module aim:</i> To understand the global financial system and the causes of global financial instability.</p>	<p><i>Learning activities:</i> Weekly lectures supported by weekly seminars, e-learning resources, readings and research tasks.</p>	<p><i>Assessment:</i> Individual Essay (50%) Individual Report (50%)</p>

7005FIMMSC	Portfolio Management (20 c) Semester 2	<i>Module aim:</i> To develop students' understanding of the theory, practice and empirical research in portfolio management and asset allocation at an advanced level.	<i>Learning activities:</i> Weekly workshops with biweekly seminar combine theories with practices. E-learning discussions and environment and simulation competitions boost cooperation and participation.	<i>Assessment:</i> Individual Essay (40%) Unseen, Closed Book Exam (60%)
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Architecture

<p>4123AR</p>	<p>Architectural Design 2 - Origination Stage 1 (20 c) Semester 2</p>	<p><i>Module aim:</i> To research and devise a historical and theoretical essay as a means to formulate a design brief and directive. To provide students with a first opportunity to design a building incorporating students' urban design ideas and, in particular, the interface condition between building and the street and context. To explore and interpret thematic ideas as a poetic process in design. To develop the previously established programme of self-learning and key skills.</p>	<p><i>Learning activities:</i> Tutorial-based research and preparation of an illustrated report, produced digitally, related to the thematic and theoretical exploration of the project. Workshops developing skills in orthographic and perspective drawing, modelling, colour studies, volumetric s, proportions, detailing, etc. CAAD training and development primarily utilising SketchUp and Photoshop. A Design Diary is to be continuously updated to show evidence of self-learning.</p>	<p><i>Assessment:</i> Artefacts (80%) Essay (20%)</p>
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4124AR	Architectural Design 2 - Resolution Stage 2 (20 c) Semester 2	<p><i>Module aim:</i> To provide students with an opportunity to refine and conclude the design of a building incorporating urban design ideas and, in particular, the interface condition between building and the street and context.</p> <p>To explore and synthesise thematic ideas as a process in design.</p> <p>To further develop the phenomenon of 'place' as an interrelated programme of activities embracing techniques of strategy-making, space-planning, building and structural organisation underpinned by spatial investigations through the consideration of light.</p> <p>To introduce to students the nature of architectural assembly within current sustainable thinking.</p> <p>To develop the previously established programme of self-learning and key skills.</p>	<p><i>Learning activities:</i> Tutorial-based research and preparation of an illustrated report, produced digitally, related to the thematic and theoretical exploration of the project.</p> <p>Workshops developing skills in orthographic and perspective drawing, modelling, colour studies, volumetric s, proportions, detailing, etc. CAAD training and development primarily utilising SketchUp and Photoshop. A Design Diary is to be continuously updated to show evidence of self-learning.</p>	<p><i>Assessment:</i> Artefacts 1 (60%) Artefacts 2 (40%)</p>
4131AR	Technology & Practice 1 (20 c) Semester 2	<p><i>Module aim:</i> This module aims to introduce the role of technology in the process of architectural design from commencement to realisation, as it has existed historically as well as in recent buildings of note. Accent is placed on innovatory thinking and on the present technical and practical horizons possible within the profession of architecture viewed internationally. The module will give students grounding in the challenges of building high quality architecture.</p>	<p><i>Learning activities:</i> Lectures and regular CAD workshops support learning. The assessment tasks of this module relate directly to design work undertaken in module 4124AR.</p>	<p><i>Assessment:</i> Report 1 (50%) Report 2 (50%)</p>

5123AR	Experimental Design - Origination (20 c) Semester 2	<p><i>Module aim:</i> The aims for this module are to develop experimental and explorative processes in students' architectural thinking, design and production. The architectural inquiry in this module will be informed by thematic research, cultural and historic re-interpretation, and sustainability, as appropriate to each project. From a given starting point students are encouraged to explore and define the parameters of the field of inquiry for their project. In so doing, the aim is that they will devise their own objectives for research, brief, developmental interpretation and ultimately design response.</p>	<p><i>Learning activities:</i> Students will research a given topic; from this work they will identify a theme for their project, from which a project brief will be developed. Project sites will be visited, as appropriate, and analysed. The design of an architectural project will be derived from each students' research, thematic development, and understanding of their site. These learning activities will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, elevations, and spatial studies) and models, with reports as appropriate to support these. Design development and process should be recorded in each student's sketch diary.</p>	<p><i>Assessment:</i> Essay (20%) Artefacts (80%)</p>
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5124AR	Experimental Design - Resolution (20 c) Semester 2	<p><i>Module aim:</i> The aims for this module are to develop experimental and explorative processes in architectural design thinking, production, technical studies, and representation. Students will develop their abilities in creative detailed design development and detailed resolution of their design project. They will also explore the integrated consideration of technical issues in relation to their design project, such as materials choice and detailed technical strategies, underpinned by principles of sustainability.</p>	<p><i>Learning activities:</i> The design learning activities will focus on developing and resolving a design project in increasing levels of detail. Also, research will be conducted to then explore a relevant line of inquiry relating to their design project using an appropriate evaluative methodology, and present the outcomes of this study. These learning activities will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, elevations, and spatial studies) and models. Design development and process should be recorded in each student's sketch diary.</p>	<p><i>Assessment:</i> Artefacts 2 (50%) Artefacts 1 (50%)</p>
5131AR	Technology & Practice 2 (20 c) Semester 2	<p><i>Module aim:</i> The aim of this module is to methodically inform students in the topics of environmental design, structural design, materials choice and properties, Computer Aided Design, and the construction of buildings on site. The module builds on the broad introduction given at Level 4, by focussing on the technical realisation of buildings through analysis, design, detailing, and site construction and supervision.</p>	<p><i>Learning activities:</i> Lectures and regular CAD workshops are delivered throughout the semester. The assessment tasks of this module relate directly to design work undertaken in module 5124AR.</p>	<p><i>Assessment:</i> Essay (30%) Report (70%)</p>

6123AR	Comprehensive Design Project (40 c) Semester 2	<i>Module aim:</i> To facilitate students in the preparation of a fully integrated design for a medium sized building. This work will draw on other modules of the course and will prove students' abilities in site planning and landscaping, conceptual and thematic design, spatial organisation and sequence, materials choice, detailed technical strategies and design and principles of build ability. This exercise will touch on all the key matters which graduates will confront within offices in their year out in professional practice.	<i>Learning activities:</i> Lectures, tutorials, studio design workshops, seminars, design reviews, C.A.A.D. and model workshop tuition. The student will be expected to engage in a significant element of self-directed learning, as well as extensive background reading and research.	<i>Assessment:</i> Report (10%) Artefacts (90%)
6131AR	Technology & Practice 3 (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to build on the understanding and knowledge of technical realisation of buildings explored in level 5. This is achieved through creation of a coherent integrated environmental strategy for the CDP building including appropriate structural resolution and considered thinking in materiality and construction. The module continues from level 5 in further informing students in matters of environmental design, structural design, materials choice and properties, the construction of buildings on site, and to introduce essential knowledge and discussion concerning the practice of Architecture. Emphasis will be placed on demonstrating in-depth skills in both thematic-led design and proven technical competence that are graduate standard and which graduates will confront within offices in their fourth year.	<i>Learning activities:</i> Lectures are delivered throughout the semester. Three full day seminar/workshops with predetermined objectives and assessed outcomes relating directly to the concurrent design module. There are regular CAD workshops throughout the semester. The assessment tasks of this module relate directly to design work undertaken in module 6123AR.	<i>Assessment:</i> Artefacts (80%) Test (20%)

7112AR	Specialist Study (30 c) Semester 2	<p><i>Module aim:</i> The first stage - to undertake an extensive piece of applied research with guidance from a selected tutor on a topic either directly or indirectly related to the subject of Architecture. To develop a programme of research and activity using both primary and secondary material - whilst sourcing appropriate information from many and varied sources.</p> <p>The second stage is to prepare sufficient material to allow a tutor and a Study Panel to understand the focus and intent of the study - with reference to research methods and outcomes.</p> <p>The final stage is to undertake the writing of the 'Specialist Study' which involves the preparation and development of the final assessed piece of the work. This is usually in an illustrated, written and bound form (two hard copies) - with one digital copy being deposited on Blackboard.</p>	<p><i>Learning activities:</i> One initial lecture will summarise the intent and purpose of the Specialist Study. Each student will be assigned a personal tutor in the first semester (see 7111AR) and will attend regular tutorials throughout the duration of the study. Students will also attend a review panel in groups and will prepare a seminar style presentation summarising the research and presenting this in an appropriate manner to a staff/student panel. This concluding panel will be timetabled during the final stages of the module in Semester Two.</p> <p>In addition, there will be three seminars on writing, referencing and final submission requirements timetabled at appropriate times during the module. Each student will submit two copies of the completed piece of work - fully referenced and illustrated. A digital copy needs to be uploaded to Blackboard.</p>	<p><i>Assessment:</i> Dissertation (100%)</p>
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<p>7122AR</p>	<p>Architectural Design Project (30 c) Semester 2</p>	<p><i>Module aim:</i> Architectural Design Project To receive and develop a design brief, to appraise the brief, to prepare an initial design response, to prepare scheme drawings / models and to design a presentation carefully, sufficient to fully explain the proposals to a professional and non-professional audience alike. The drawings and models should 'speak for themselves' and the assignments may be assessed without recourse to verbal presentations. Students will be expected to view high quality architectural design as a prime mover in contemporary urban culture throughout Europe and to conceive and produce an example of significant architectural ambition for sites in Liverpool, the North West Region, or Europe. Attention is placed on the development of skills in architectural competition methodology, with particular competence and skill in drawing and communicating architectural ideas and detail. Environmental, Structural & Construction Strategy & Detail To demonstrate understanding of these key technological principles in the design of buildings, and the skill to develop specific technical design solutions in relation to the Architectural Project. Students will explore the integrated application of appropriate environmental engineering thinking, structural engineering and constructional detailing in three dimensions. This will be communicated through models and drawings, with annotation of the drawings as integrated texts.</p>	<p><i>Learning activities:</i> Each aspect of the module is initiated with a written brief and an introductory lecture, and then supported by a series of related lectures or seminars. The module is taught through tutorials and design reviews which occur weekly during each task, and it is the student's responsibility to make best use of these. The work is studio based with an emphasis on peer review, group learning and student led investigation. As a substantial piece of design work is central to the module much of the learning is self-directed through creative practice. Lectures from across the Year 5 programme will also inform the work of this module, and there is a focus on the holistic nature of design.</p>	<p><i>Assessment:</i> Artefacts 1 (60%) Artefacts 2 (40%)</p>
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Art

4104FA	Form and Purpose (40 c) Semester 2	<p><i>Module aim:</i> To introduce students to self-directed contemporary art practice . To develop and realize a self-directed contemporary art practice in appropriate media, negotiated with Fine Art Staff To familiarise students with the broader context of contemporary Fine Art issues and possible modes of dissemination and distribution of their work in Liverpool. To introduce the notion of studio practice towards the production and distribution of contemporary Fine Art practice.</p>	<p><i>Learning activities:</i> A programme of studio and citywide team and individual activity centred upon a growing sense of autonomous practice, and supported by lectures and opportunities for critical debate. The module is further supported by a variety of specialist workshops/master-classes that will establish confidence and direction, and facilitate independent and self-directed practice.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>
4106FA	Introducing Criticality 2 (20 c) Semester 2	<p><i>Module aim:</i> To introduce independent learning and professional engagement in Fine Art practice. To introduce critical and professional practice in Fine Art. To enable students to develop self-reflection through reflexive discussion, research and writing.</p>	<p><i>Learning activities:</i> This module is designed to promote independent critical and professional learning in Fine Art through engagement with art history and contemporary practice, and relate this to PDP skills. Learning activities will normally include field visits, lectures, seminars and workshops. The work will be supervised via a series of tutorials and on-line support for a blog.</p>	<p><i>Assessment:</i> Essay (50%) Reflection (40%) WSB (10%)</p>

5104FA	Practice and Production (40 c) Semester 2	<p><i>Module aim:</i> To consider the appropriateness, mode and situation of media used in Contemporary Fine Art Practice</p> <p>To consider the role that audiences play in the production and distribution of contemporary art practice.</p> <p>To develop a body of Fine Art Practice that consolidates the integration of theory and practice.</p> <p>To continue developing a student's ability practically and critically to place their own work within the wider cultural context.</p>	<p><i>Learning activities:</i> Students will evolve a body of work and consider appropriate sites, audiences and modes of distribution for the work. This development will be supported by exhibitions, projects, frameworks, lectures, tutorial, group tutorials, cross-year group crit shows and seminars.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>
5106FA	Criticality 2 (20 c) Semester 2	<p><i>Module aim:</i> To advance critical independent learning and professional engagement in contemporary fine Art practice.</p> <p>To outline key debates concerning historical and contemporary theories in representation; To examine key artworks in their socio-political context and compare research materials. To enhance communication skills. To enable students to advance a personal interest related to their programme of study through reflexive writing.</p>	<p><i>Learning activities:</i> This module is designed to promote independent critical and professional learning and practice in Fine Art through an advanced engagement with reflexive writing and PDP skills through the upkeep of a blog and the writing of a critical essay. As such the learning activities are determined via negotiation between student and tutor and will normally include lectures, seminars, workshops, field-visits. The work will also be supervised via a series of tutorials.</p>	<p><i>Assessment:</i> Presentation (50%) Essay (50%)</p>

7002MAAS	<p>Research and Practice 2 - Art in Science (30 c) Semester 2</p>	<p><i>Module aim:</i> To produce an illustrated and designed written project of 6-8,000 words (or equivalent) that is related to the student's specific research interests and/or relevant to a specific area of art/science. To choose appropriate visual material to support the development of the text. To build on the research and critical skills acquired in other areas of the Programme. To explore various modes of articulating and presenting ideas within written and visual forms. To be aware of matters relating to public engagement, ethics, data protection and working with humans in research. To produce a final written report based upon a small scale project exploring these matters, such as a public engagement activity or artist residency.</p>	<p><i>Learning activities:</i> Staff lectures and presentations will introduce various modes of writing and appropriate presentation formats. Students will be required to discuss matters relating to ethics, data protection and working with humans in research through group-led seminars. The subject and format of the dissertation will be discussed and agreed through tutorials with staff. Modes of writing will be explored through practical writing workshops. The development and production of the dissertation will be largely self-directed but supported by regular personal tutorials, practical advice from key academic staff and practical workshop assistance where appropriate. The production of a small scale project, in which matters relating to ethics, data protection and working with humans in research are explored, will be student led and staff guided through seminars, workshops and tutorials.</p>	<p><i>Assessment:</i> Dissertation (70%) Report (30%)</p>
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7002MAFIR	<p>Research & Practice 2 (Fashion Innovation & Realisation) (30 c) Semester 2</p>	<p><i>Module aim:</i> To enable advanced awareness of historical and contemporary fashion through independent investigation To provide students with the opportunity to conduct primary and secondary research on a range of related fashion business, market and entrepreneurship subjects To promote professionalism in written outcomes with appropriate referencing and context.</p>	<p><i>Learning activities:</i> Through a series of lectures and seminars students are encouraged to foster independent and self-directed learning and build on the skills they have developed during the Fashion Research Methods module. One to one and regular discussion with supervisors or mentors is encouraged whilst developing their primary research enquiry, such as participant observation, surveys or case studies. Students will receive individual tutorial guidance during the planning of their Fashion Research Project which will assist them in relating the topic to an area of personal and professional interest. The final summative assessment will bring together all three learning outcomes to demonstrate an original piece of written work that shows evidence of primary research and critical analysis and conclusion. Throughout the module there will be key formative feedback dates and tutorial supervision which will support the students in the development and implementation of their final summative report.</p>	<p><i>Assessment:</i> Report (100%)</p>
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7004MALSAD	Collaborative Practice (30 c) Semester 2	<p><i>Module aim:</i> To promote in depth investigation into contemporary creative practices and provide, through collaboration with established key partners, an understanding of the social, cultural and economic environment of the city.</p> <p>To facilitate an engagement with cultural and regulatory institutions and organisations to enrich the students' experience of the professional environment of contemporary urban art and design.</p> <p>To provide, through key partnerships, a range of collaborative projects which challenge the notion of the interdisciplinary practice within the context of the contemporary art & design and which enable students to propose, plan, organise, publish and promote their work within the context of an external body.</p>	<p><i>Learning activities:</i> Students will undertake a series of supported site visits to cultural, civic and/or community organisations in Liverpool and be expected to take opportunities to familiarise themselves with other cultural and business organisations further afield. Lectures and seminars will underpin these visits, supported by readings of key texts which will enable students to gain a critical and theoretical context. Tutorials will help students to articulate their engagement as evidenced in their on-line journal/report and to develop a presentation centred on a proposal which situates their practice.</p> <p>Students are expected to attend tutorials and reviews on a regular basis, bringing with them developmental work undertaken indicating progression since the previous tutor-led discussion. At this level it is expected that students will show a high degree of motivation and ability to engage in self-directed study, to demonstrate a level of scholarship of relevant theoretical issues and display initiative in problem solving. Tutors will provide advice, raise questions and prompt debate but a great deal is to be gained from peer review. Active and frank discussions in tutorials and reviews about student practice is encouraged. Final proposals will be presented in a public exhibition and also submitted as an illustrated exhibition catalogue.</p>	<p><i>Assessment:</i> ART Graphic design (70%) Report (30%)</p>
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7005MAEXH	Research & Practice 2 (Exhibition Studies) (30 c) Semester 2	<p><i>Module aim:</i> To introduce the histories and practices of exhibition-making; To deepen the practice of exhibition research; To develop students' interpretative theoretical and discursive skills; To support a critical environment within which students can develop the skills necessary to debate and critically evaluate exhibition studies.</p>	<p><i>Learning activities:</i> Learning activities include tutor-led workshops; one-to-one tutorials; self-directed study; peer group discussion, and training in critical writing. Students will undertake a series of supported site visits to exhibitions in Liverpool and elsewhere. Lectures and seminars around these visits, supported by readings of key texts, will help students to gain a theoretical and historical understanding in respect of these practical visits. Students will analyse, discuss, and debate key exhibitions in case study sessions, and share discuss and interpret material in a similar environment. Tutorials will help students to articulate their ideas in relation to the written assignment.</p>	<p><i>Assessment:</i> written assignment (80%) Viva (20%)</p>
7015MA	Research & Practice 2 (Fine Art) (30 c) Semester 2	<p><i>Module aim:</i> To build on the research and critical skills acquired in Research Project 1 module. To develop the skills to construct a coherent written argument in essay form. To demonstrate a critical awareness of the relationship between theory and practice.</p>	<p><i>Learning activities:</i> Individual tutorials, and writing workshops, at which students will engage in tutorials and seminar discussions and make informal presentations of work in progress to their peers.</p>	<p><i>Assessment:</i> Essay (100%)</p>

7102MRAD	<p>RESEARCH PROPOSITION AND DEVELOPMENT 2:Symposium (30 c) Semester 2</p>	<p><i>Module aim:</i> To offer the support of a practical and critical environment within which students can develop the skills necessary to critically evaluate their research. To identify and explore broad critical debates relating to Art and Design research. To extend awareness and analysis of research practices. To critically examine a range of advanced research methodologies.</p>	<p><i>Learning activities:</i> The module will be taught in seminars, group and individual tutorials, with field visits as appropriate to the individual project. Students will attend seminar session presentations on established research topics and practices. Students will reflect on their literature review in the light of other modules, identify an appropriate research methodology and conduct an extended research project proposal. All students will design and organise a Research Symposium including individual presentations based on research proposals.</p>	<p><i>Assessment:</i> PRESENTATION (100%)</p>
7104MR	<p>Professional Development for Researchers in Arts, Professional and Social Studies (30 c) Semester 2</p>	<p><i>Module aim:</i> To provide professional guidance geared to the conduct and dissemination of research. To provide opportunities for identifying and contributing to professional networks and organisations. To enable participants to reflect upon their conceptions of professionalism and upon ways of enhancing their own professional practice.</p>	<p><i>Learning activities:</i> Lectures, seminars, and facilitator-led workshops.</p>	<p><i>Assessment:</i> Portfolio (50%) Presentation (50%)</p>

Art History

4118HA	An Introduction to Museums and Galleries (20 c) Semester 2	<i>Module aim:</i> To introduce the key organisational structures of museums on Merseyside. To examine the changing role of museums and art galleries and explore the history and circumstances of collecting and collections. To identify the key activities of the museum professional.	<i>Learning activities:</i> Lectures explore generic historical and contemporary examples of collections and display with reference to museums on Merseyside. Seminars will introduce students to key debates and issues in the politics of collecting and display. The module is augmented by talks from professional curators, education officers, conservationist and marketing staff.	<i>Assessment:</i> Report 3500 words (90%) Self awareness statement (10%)
4119HA	Collaboration with Contemporary Art (20 c) Semester 2	<i>Module aim:</i> To encounter contemporary art and artists in the north-west region. To develop an understanding of contemporary art . To develop a knowledge of the various organizations and roles within the industry.	<i>Learning activities:</i> This module gives students the opportunity to encounter contemporary art, artists, curators, museum directors and other professionals within the industry. Typically learning activities might include: experiencing artists' studio / exhibition tours; talks by artists / directors / curators. Students will be guided in reflecting on and interpreting contemporary art and its environment.	<i>Assessment:</i> Reflection (100%)

4123HA	Non-Western Art (20 c) Semester 2	<p><i>Module aim:</i> 1. To expose students to a range of art made by non-Western artists in order to broaden knowledge.</p> <p>2. To introduce students to the diversity of practices and techniques employed outside of Europe and the USA.</p> <p>3. To inform students about the complex social and historical contexts for the production of non-Western Art.</p>	<p><i>Learning activities:</i> Typically learning activities might include: lectures, peer review, seminars, visits to galleries and museums.</p>	<p><i>Assessment:</i> Report (100%)</p>
5119HA	Methods in Art History (20 c) Semester 2	<p><i>Module aim:</i> To induct students in the various methodologies used commonly within Art History. To enable students to develop a knowledge and understanding of their own methodological position.</p> <p>To explore art works from all periods of Art and Design History.</p>	<p><i>Learning activities:</i> This module is largely taught using a lecture followed by a seminar format. The lecture will be illustrated and offering information about methodologies, whereas the seminars will be student-led and focused on textual and visual analysis.</p>	<p><i>Assessment:</i> Essay (80%) Reflection (20%)</p>

5120HA	<p>Internship and Professional Development Practice (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide students with practical internship experience within a professional environment. To evaluate the deployment of professional skills through self reflection and evaluation. To enable students to create career management plans and to prepare the relevant information/documentation to assist them in future employment/self-employment.</p>	<p><i>Learning activities:</i> Students will receive practical demonstrations of careers guidance in workshops and seminars. Sessions will introduce students to professionals employed in various aspects of the cultural industries. In collaboration with local host institutions this module gives students the opportunity to undertake a professional placement. Students will show competence in work-related areas as specific to the host institution. Typically learning activities might include: leading educational workshops/tours; contributing to promotional or publicity material; compiling and maintaining databases; minute-taking; letter writing; and dealing with the public. Students will also be taught how to prepare job application materials, and how to manage their careers.</p>	<p><i>Assessment:</i> Reflection (100%)</p>
5122HA	<p>Curating: Histories and Practices 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> To outline key museological concepts and issues. To identify and explore broad critical debates relating to contemporary practices of display. To develop awareness and analysis of curatorial practice. To develop skills of self and peer evaluation. To Research and develop a realistic and professional curatorial proposal.</p>	<p><i>Learning activities:</i> Lectures, seminars and field visits are augmented by the expertise of museum professionals from arts organizations on Merseyside. In collaboration with Tate Liverpool, Liverpool Biennial and other organizations this module includes talks from professional curators, practical demonstrations of curatorial work and the opportunity to develop an exhibition proposal with appropriate curators.</p>	<p><i>Assessment:</i> Report (100%)</p>

6107HA	Research Paper and Symposium Presentation (40 c) Semester 2	<p><i>Module aim:</i> 1. To identify and explore an agreed thematic topic relating to art history and museology. 2. To co-ordinate research in the context of the aims and objectives of the Symposium. 3. To extend and enhance presentation skills. 4. To enhance collaborative and peer evaluation skills.</p>	<p><i>Learning activities:</i> This module provides an opportunity for students to design, organise and host a Student Symposium at Tate Liverpool or other arts institution. Students will identify the topic, co-ordinate their papers, design a conference catalogue with biographies and synopses and make individual presentations on a related research topic. Formative Assessment will take place in the form of Peer evaluation. Students will also research and write an academic paper that demonstrates their critical attributes.</p>	<p><i>Assessment:</i> Presentation (100%)</p>
6116HA	Major Project Practice (20 c) Semester 2	<p><i>Module aim:</i> To allow students the academic space to follow and develop their personal areas of interest identified at Levels 4 and 5. To develop the ability of students to plan, implement and complete a sustained piece of practical or applied research. To encourage students to gain experience in situations outside the University. To promote the application of specific and transferable skills in a professional environment.</p>	<p><i>Learning activities:</i> Students will undertake their own in-depth programme of projects specified by a prepared Learning Agreement, which will include the headings of Project Aims/Presentation/Evaluation and Learning Outcomes. The work submitted will include a self-evaluation report of 3000 words, supported by evidence in appendices of up to 8000 words. Students will also attend the cross-programme semester-long series of lectures by artists, historians, critics and industry professionals.</p>	<p><i>Assessment:</i> Report (100%)</p>

Biochemistry

4104BCBMOL	PHYSIOLOGICAL BIOCHEMISTRY (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to, and make the link between, nutrition, physiology and cellular metabolism in prokaryote and eukaryote cells. In addition, the chemistry which underpins each biochemical process is made clear by making use of worked examples and through practical experiments.	<i>Learning activities:</i> Lectures to contextualise and deliver the key concepts. Workshops to explore the lecture material, develop critical thinking skills and prepare for the exam. Seminars to evaluate learning. Practicals to develop subject specific skills and make the link with theory.	<i>Assessment:</i> Practical reports (50%) Exam (50%)
4105BCBMOL	BIOCHEMISTRY EMPLOYABILITY (20 c) Semester 2	<i>Module aim:</i> This module provides students with: Employability and IT skills An opportunity for group work Topics of interest to biochemistry professionals. The opportunity to identify and reflect upon aspects of personal development The opportunity to develop their organisational awareness. Opportunity for individual PDP	<i>Learning activities:</i> Lectures, tutorials, workshops and seminars	<i>Assessment:</i> Self Aware Statement (10%) Group Poster (45%) Scientific Newsletter (45%)
4106BCBMOL	INTRODUCTION TO MICROBIOLOGY AND BIOTECHNOLOGY (20 c) Semester 2	<i>Module aim:</i> This course aims to: provide a broad spectrum of knowledge about microorganisms and their activities which will provide a foundation for microbiology modules at Levels 5 and 6.	<i>Learning activities:</i> Lectures: will cover most of the learning outcomes. Practicals: to develop some basic microbiological skills required to observe and study microorganisms. Workshop: to build upon student understanding of various aspects of process biotechnology and aid revision.	<i>Assessment:</i> Exam (60%) Report (40%)

5104BCBMOL	STRUCTURAL AND FUNCTIONAL BIOCHEMISTRY (20 c) Semester 2	<i>Module aim:</i> To develop a deeper understanding of structural and functional aspects of macromolecules, particularly proteins, in biology.	<i>Learning activities:</i> Lectures, workshops, practicals	<i>Assessment:</i> Data/literature analysis (50%) Examination (50%)
5105BCBMOL	MOLECULAR BIOLOGY AND FUNCTIONAL GENOMICS (20 c) Semester 2	<i>Module aim:</i> To provide a detailed understanding of the molecular mechanisms that are applicable to human disease states, development, genetic engineering, high-throughput technologies, and to introduce and develop bioinformatics practical skills.	<i>Learning activities:</i> Lectures Practical Workshops	<i>Assessment:</i> Analysis of NGS experiment (30%) Examination (70%)
5106BCBMOL	MOLECULAR CELL BIOLOGY (20 c) Semester 2	<i>Module aim:</i> The module will introduce students to a range of important cellular processes and some of the main molecular mechanisms associated with the regulation of these processes.	<i>Learning activities:</i> Lectures Practicals Workshops	<i>Assessment:</i> Exam (50%) Report (50%)
6103BCBMOL	ADVANCED CELL AND MOLECULAR BIOLOGY (20 c) Semester 2	<i>Module aim:</i> To provide the student with state of the art knowledge of central aspects of cell and molecular biology and to encourage development of skills for experimental design.	<i>Learning activities:</i> Lectures Workshops	<i>Assessment:</i> exam (60%) experimental design (40%)

6104BCBMOL	MICROBIAL TECHNOLOGY (20 c) Semester 2	<i>Module aim:</i> To provide an understanding of the microbial principles that underline advanced microbiological technology	<i>Learning activities:</i> Delivery of theoretical information will be via lectures but these will be supported with workshops particularly in the are of bioinformatics. Practical sessions will be used to provide skills in advanced microbial culture (fermentation), population analysis (flow cytometry) and fluorescent microscopy.	<i>Assessment:</i> Exam (60%) Full report (40%)
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Biomedical Science

4104BMBMOL	INTRODUCTION TO BIOMEDICAL SCIENCE (20 c) Semester 2	<i>Module aim:</i> To introduce the work of clinical laboratories and recent developments of relevance to biomedical scientists and also to foster course identity.	<i>Learning activities:</i> Lectures, tutorials and workshops.	<i>Assessment:</i> Tutorial essay (40%) Practical scenarios (60%)
4105BMBMOL	ANATOMY, PHYSIOLOGY AND GENETICS (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to the major anatomical and physiological systems which underpin the study of Biomedical Science and an introduction to the study of human genetics.	<i>Learning activities:</i> Lectures, practical classes and workshops	<i>Assessment:</i> Practical class with assesment (50%) Exam (50%)
4106BMBMOL	MICROBIOLOGY (20 c) Semester 2	<i>Module aim:</i> This course aims to provide a broad spectrum of knowledge about microorganisms and their activities which will provide a foundation for microbiology modules at Levels 5 and 6.	<i>Learning activities:</i> Lectures, Practical, Workshops, Videos, Clickers.	<i>Assessment:</i> Examination (50%) Practical assessment (50%)
5104BMBMOL	PERSPECTIVES IN BIOMEDICAL SCIENCE (20 c) Semester 2	<i>Module aim:</i> Through this module students will develop an awareness of some areas at the forefront of Biomedical Science development, and extend their career planning to organisational awareness and making things happen	<i>Learning activities:</i> lectures, seminars, workshops, tutorials	<i>Assessment:</i> tutorial essay (50%) tutorial oral presentation (30%) career planning (20%)

5105BMBMOL	HISTOLOGY AND PHYSIOLOGY (20 c) Semester 2	<i>Module aim:</i> This course aims to develop knowledge of, and practical skills in, histology and to inform students of the basic physiology of the endocrine and nervous systems and to introduce the topic of reproductive science.	<i>Learning activities:</i> Material will be delivered through lectures and practical classes. The lectures will be designed to introduce two main themes to the students histology and physiology, while helping students understand how these topics integrate from a biochemical and biomedical perspective. Students will undertake a substantial practical component to enable them to develop valuable practical skills in histological techniques.	<i>Assessment:</i> Examination (60%) Portfolio (40%)
5106BMBMOL	BLOOD CELL SCIENCE (20 c) Semester 2	<i>Module aim:</i> This module aims to provide the students with an opportunity to increase and develop their understanding of the principles and practice of Haematology and Transfusion Science, to extend the students' knowledge and understanding of haematological disorders and malignancies, together with the undesirable effects of blood transfusion and to develop students' practical skills in Haematology and Transfusion Science.	<i>Learning activities:</i> Most of the material will be delivered through lectures and workshops. The practical element should help enforce some principles and allow the student to develop basic haematological techniques in cell counting and assessing coagulation pathways. MCQ will be posted on blackboard to supplement further understanding from the lectures. Workshops will extend knowledge derived from the lectures to prepare the student for their level 6 studies.	<i>Assessment:</i> exam (50%) case study (50%)
6103BMBMOL	STUDY OF DISEASE 3 (20 c) Semester 2	<i>Module aim:</i> To provide an integrated knowledge of human pathological processes of the renal and respiratory systems, and the laboratory methods used to study disease, including the genetic basis of disease where appropriate and the use of bioinformatics.	<i>Learning activities:</i> Material will be delivered through a combination of lectures, tutorials, seminars and workshops. Assessment will be via final examination, involving journal based learning and short answer questions.	<i>Assessment:</i> Exam (100%)

6104BMBMOL	CANCER (20 c) Semester 2	<i>Module aim:</i> To provide a bench to bedside approach to cancer underpinning the key molecular and cellular events during initiation and progression of cancer, and an appreciation of diagnostic techniques and therapies available.	<i>Learning activities:</i> Lectures, workshops, offsite visit, seminar, tutorial	<i>Assessment:</i> Exam (50%) Prepare a scientific poster (50%)
6105BMBMOL	NUTRACEUTICALS AND TOXICOLOGY (20 c) Semester 2	<i>Module aim:</i> 1. To develop an in-depth knowledge of biochemistry, physiology and pathology of nutraceuticals in relation to health and disease. 2. To introduce the principles of toxicity and structural manifestations of toxicity to cells, tissues and organ systems. 3. To emphasise the importance of nutraceuticals and toxicology within the context of Biomedical Science including future directions of research.	<i>Learning activities:</i> Lectures will provide in-depth knowledge of the subject whilst the workshops will help in the development of the basic and advanced principles delivered in the lectures. The practical sessions will introduce techniques used in the field of xenobiotics and will also provide an opportunity to write the results in the format of a paper to be published in the "Journal of Nutrition" thus giving students further experience of writing scientific papers.	<i>Assessment:</i> Exam (50%) Practical Write-up as Paper (50%)
6106BMBMOL	ADVANCED IMMUNOLOGY AND INFECTION (20 c) Semester 2	<i>Module aim:</i> This module will enable students to develop an in depth understanding of the origins, functions and aberrations of the immune system, microbial interactions with the immune system and infectious diseases and the strategies employed for the prevention, diagnosis, treatment and research of immune and infectious diseases.	<i>Learning activities:</i> Lectures, workshops and Practicals	<i>Assessment:</i> Examination (50%) Practical Report (50%)

6108BMBMOL	WORK-BASED LEARNING (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to give students an opportunity to spend time in a workplace environment relevant to their subject discipline; to build links between theory and practice through practical experience of work, reinforcing and complementing formal study; to evaluate critically his/her professional skills and knowledge to identify development needs.	<i>Learning activities:</i> Approximately 140 hours engagement with a workplace environment.	<i>Assessment:</i> Reflective report (70%) Oral presentation (30%)
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7104BTBMOL	CELL TECHNOLOGY (20 c) Semester 2	<i>Module aim:</i> To provide an understanding of cell culture as a technological component of aspects of biological research and commercial exploitation.	<i>Learning activities:</i> Lectures, practical.	<i>Assessment:</i> Report (40%) Examination (60%)
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Biosciences

4209NATSCI	<p>ECOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To investigate basic ecological concepts and the ecological characteristics of a range of habitats.</p>	<p><i>Learning activities:</i> Students undertake a programme of field visits to a range of habitats and participate in a variety of workshop activities linked to the lecture programme.</p>	<p><i>Assessment:</i> Fieldwork report (50%) Exam MCQ (50%)</p>
4210NATSCI	<p>ANIMAL PHYSIOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide an introduction to the major physiological processes and homoeostasis in animals. Adopting an adaptive approach, this module follows the development of animal organ systems according to influential environmental drivers.</p>	<p><i>Learning activities:</i> Group seminar work Workshops for reading, literature searching and exam technique skills Practicals. The ratio of staff to students is managed at 15:1 in practicals as they are supplemented by postgraduate demonstrators. On line mobile phone friendly tests (on line activity) that reflect on previously taught sessions and look forward to the impending practical session. Lectures</p>	<p><i>Assessment:</i> MCQ exam (50%) Group seminar (50%)</p>
5205NATSCI	<p>GENES AND GENOMES (20 c) Semester 2</p>	<p><i>Module aim:</i> To examine the state of the art genetic and genomic tools and techniques used to understand how genes combine with the environment to control phenotypes. To appreciate how knowledge of processes occurring at a genome level is important for the understanding of the nature of species.</p>	<p><i>Learning activities:</i> The module is delivered through a combination of lectures, practicals and workshops.</p>	<p><i>Assessment:</i> Practical Report (50%) Final Exam (50%)</p>

5207NATSCI	WILDLIFE AND ECOSYSTEM MANAGEMENT (20 c) Semester 2	<p><i>Module aim:</i> a) To provide an advanced course in general ecology and wildlife population management. Page 2 of 4</p> <p>b) Illustrate the inter-linkages between flora and fauna populations and biogeochemical cycles on different spatial and temporal scales.</p> <p>c) Relate key wildlife population, ecology and ecosystem theories to the applied management of populations, habitats and ecosystems.</p>	<p><i>Learning activities:</i> This module will comprise a series of lectures, supported by fieldtrips. Students will be able to collect their own data and examine the impact of management on conservation during the fieldtrips. There will also be workshops looking at linking together the theories covered with conservation case-studies and to revise the module material.</p>	<p><i>Assessment:</i> Field report (60%) Examination (40%)</p>
5208NATSCI	CONSERVATION PRACTICE AND MANAGEMENT SKILLS (20 c) Semester 2	<p><i>Module aim:</i> This module aims to introduce students to conservation practice and management through largely field based activities on sites of conservation protection or importance. The module is developed to work alongside conservation practice organisation. Students will gain knowledge on development, implementation of conservation management plans, protected area designation and other conservation practices such as habitat restoration and agri-environment schemes.</p>	<p><i>Learning activities:</i> The module will be largely field based, supported by lectures and workshops</p>	<p><i>Assessment:</i> Management Plan (40%) Field Report (60%)</p>

5209NATSCI	MARINE AND FRESHWATER BIOLOGY (20 c) Semester 2	<i>Module aim:</i> To provide a broad-based foundation to major biological, physico-chemical and oceanographic features of the marine and freshwater environment on a world-wide basis. To introduce marine and freshwater habitat types and their communities and to examine selected habitats in terms of general ecological principles and animal behaviour. To examine the exploitation of marine and freshwater resources and potential sources of damage and threats to marine and freshwater ecosystems. To adopt practical field and laboratory sampling and analysis techniques relevant to the study of marine and freshwater biology.	<i>Learning activities:</i> The module is delivered through lectures, practical work in the field and laboratory (practical, offsite, workshop).	<i>Assessment:</i> Poster (40%) Practical Report Portfolio (60%)
5212NATSCI	PHYSIOLOGY OF LIFE (20 c) Semester 2	<i>Module aim:</i> To provide a deeper knowledge of physiology, building upon the concepts introduced at level 4, and to apply that knowledge in a health-related setting.	<i>Learning activities:</i> Lectures, practical classes, workshops, poster presentations and tutorials.	<i>Assessment:</i> Poster (40%) Portfolio (60%)
5213NATSCI	ANIMAL FIELD SKILLS (20 c) Semester 2	<i>Module aim:</i> To demonstrate theoretical and practical aspects of animal ecology field survey methods in different habitats, with particular emphasis on animal census, biodiversity assessment, and behavioural ecology.	<i>Learning activities:</i> The module will be delivered through a combination of lectures, fieldwork and a week-long residential field course abroad (which includes execution and presentation of a 2-day research project).	<i>Assessment:</i> Field presentation/report (60%) Small mammal field report (40%)

5214NATSCI	DEVELOPMENTAL BIOLOGY (20 c) Semester 2	<i>Module aim:</i> To explain the molecular mechanisms by which animals and plants grow and develop and how this has been advanced with the use of state-of-the-art methodologies. To discuss how the mechanisms of body plan development is conserved across animals. To explain how the study of developmental biology has generated modern transgenic and stem cell biology for the practical benefit of human health.	<i>Learning activities:</i> The module is delivered through a combination of lectures, practicals and workshops.	<i>Assessment:</i> Exam (50%) Practical Report (50%)
5215NATSCI	COMPARATIVE ANIMAL PHYSIOLOGY (20 c) Semester 2	<i>Module aim:</i> The course aims to build on the concepts of animal physiology taught at level 4, allowing students to gain practical skills and theoretical knowledge in key aspects of the main physiological systems of different animal phyla. The course content will reflect the expertise and research interests of the teaching team, allowing students to appreciate how the taught content integrates with current research. The course is also designed to prepare students for advanced physiological studies in the level 6 module Current Topics in Zoology.	<i>Learning activities:</i> The module is designed to be 50% lecture based, with 50% of the taught hours comprising practicals, workshops and an offsite trip to an aquarium or zoo. The workshops will feature a strong practical element, and may involve computer-based activities, or preparatory activities to gain laboratory skills needed for the practical classes.	<i>Assessment:</i> Practical report on chemotaxis (50%) Seminar presentation (50%)
5217NATSCI	ANIMAL COMMUNICATION (20 c) Semester 2	<i>Module aim:</i> This module will provide background to the topic of animal communication, from its evolution and function, to its flexibility and adaptation to human dominated landscapes. The systems and modes of animal communication will be examined as will the wide range of communication across the animal kingdom and finally, how animal communication compares to human language.	<i>Learning activities:</i> The module is delivered through a combination of lectures, practicals, fieldwork and workshops.	<i>Assessment:</i> In Class Presentation (50%) Essay (50%)

5218NATSCI	ANIMALS IN MOTION (20 c) Semester 2	<i>Module aim:</i> This module aims to provide a comprehensive background and understanding of animal locomotion and movement. We will investigate the process and mechanisms of motion from its physiological bases through whole animal mechanics, and group level migrations.	<i>Learning activities:</i> This module is delivered through a combination of lectures, practicals and computer workshops.	<i>Assessment:</i> Examination (50%) Laboratory Report (50%)
5223NATSCI	COMPANION ANIMAL BEHAVIOUR (20 c) Semester 2	<i>Module aim:</i> To evaluate the behaviour and welfare of companion animals.	<i>Learning activities:</i> The module is delivered via a series of lectures, workshops, practicals and fieldwork. A number of lectures are delivered by external specialists to provide work-related learning opportunities.	<i>Assessment:</i> Online Tests (50%) Training & Welfare evaluations (50%)
6209NATSCI	COMPANION ANIMAL BEHAVIOUR (20 c) Semester 2	<i>Module aim:</i> To evaluate the behaviour and welfare of companion animals.	<i>Learning activities:</i> The module is delivered via a series of lectures, workshops, practicals and fieldwork. A number of lectures/workshops are delivered by external specialists to provide work-related learning opportunities.	<i>Assessment:</i> Welfare Problem Scenario (50%) Human-Animal Bond & Training (50%)
6212NATSCI	PARASITOLOGY (20 c) Semester 2	<i>Module aim:</i> To familiarise students with some of the most important protozoan, helminth and arthropod parasites of humans and domesticated animals, their biology, treatment and control.	<i>Learning activities:</i> The module will comprise a series of lectures, workshops, and practicals.	<i>Assessment:</i> Practical Report (50%) Exam (50%)

6213NATSCI	APPLIED MARINE BIOLOGY (20 c) Semester 2	<i>Module aim:</i> To advance understanding of major biological features of the marine environment, the impacts of man as well as the exploitation of marine resources. Including developing an understanding of many practical skills required within the marine science sector. Develop an advanced understanding of the physiology, ecology, genetics and behaviour of marine organisms in a number of major taxonomic groups. Off site trips and practical work will develop skills in sampling and analysis methods relevant to the marine sciences. To plan, prepare and execute a scientific project and evaluate the results to produce a presentation.	<i>Learning activities:</i> The module is delivered through lectures, practical work in the field and laboratory (practical, offsite).	<i>Assessment:</i> Essay (40%) Presentation (60%)
6214NATSCI	FORENSIC BIOSCIENCE (20 c) Semester 2	<i>Module aim:</i> To critically review how biological evidence can contribute to a wide range of forensic investigations.	<i>Learning activities:</i> Lectures, practicals and workshops. A range of practical techniques are introduced.	<i>Assessment:</i> Practical Report (50%) Exam (50%)
6215NATSCI	ANIMAL WELFARE (20 c) Semester 2	<i>Module aim:</i> To provide knowledge and understanding of the behaviour and welfare of captive animals that can be applied to effective management.	<i>Learning activities:</i> The module is taught via a series of lectures and workshops supported by web-based material. Small group workshops are used for a problem-based learning exercise. Through enquiry with a tutor and information searches, a range of possible solutions are proposed to a behavioural problem presented by a small group as a seminar.	<i>Assessment:</i> Examination (50%) Group presentation (50%)

6216NATSCI	ADVANCES IN ANIMAL BEHAVIOUR (20 c) Semester 2	<i>Module aim:</i> To provide an in-depth discussion of selected topical issues in animal behaviour reflecting the interests of staff members. To demonstrate how research in animal behaviour can be used to inform management of animals in a range of contexts.	<i>Learning activities:</i> The module is delivered through a combination of lectures, off-site visits to zoos and other organisations that maintain domestic / captive wild animals, and workshops.	<i>Assessment:</i> Poster Presentation (50%) Husbandry Report (50%)
6217NATSCI	PRIMATE SOCIAL SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To apply aspects of evolution and ecology to the interpretation of non-human primate social behaviour and social systems.	<i>Learning activities:</i> A combination of lectures, journal club discussion groups, workshops and fieldwork. There is a high degree of in-class discussion with teaching staff and feedback.	<i>Assessment:</i> Portfolio (100%)
6218NATSCI	CONTEMPORARY ISSUES IN CONSERVATION (20 c) Semester 2	<i>Module aim:</i> (a) to provide an in-depth discussion of selected current research topic areas in conservation biology reflecting the interests of staff members. (b) to demonstrate the practical use of research in wildlife management through research informed conservation.	<i>Learning activities:</i> This module will be taught primarily by lectures, practicals and workshops.	<i>Assessment:</i> Population Viability Analysis (50%) Exam (50%)
7107NATSCI	RESEARCH METHODS (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to provide extensive training in generic research knowledge and statistical techniques for the Natural Sciences as part of the preparation for the MSc dissertation.	<i>Learning activities:</i> The contents will be delivered through a combination of lectures, workshops and online sessions by experts in different fields. The assessment will be the preparation of a full grant application, including budget, impact and dissemination, for their research project.	<i>Assessment:</i> Full grant application. (100%)

7111NATSCI	SURVEY, MAPPING AND FIELD SKILLS (30 c) Semester 2	<i>Module aim:</i> To understand and apply theoretical, practical, and analytical skills in primatological or other wildlife fieldwork, with particular emphasis on how to census animals using line transects, build digital data-collection tools using open-access software, map the spatial distribution of findings for spatial analyses, present findings in a professional context, and employ these techniques in a field setting.	<i>Learning activities:</i> This module is delivered through a combination of seminars, workshops, off-site practicals and a residential overseas field trip.	<i>Assessment:</i> Field report (50%) Project poster (50%)
7113NATSCI	FIELD METHODS IN PRIMATE BEHAVIOURAL ECOLOGY (20 c) Semester 2	<i>Module aim:</i> To provide a comprehensive overview of a range of field based methods to study primate feeding ecology at a conceptual and practical level. Special emphasis is placed upon being able to select methods, and design and execute studies to effectively test hypotheses about the ecological and environmental components triggering primate behaviour and primate behaviour influencing ecological and environmental components.	<i>Learning activities:</i> The module will be taught offsite combining lectures, workshops, and fieldwork. Emphasis will be on guided hands-on activities.	<i>Assessment:</i> Field report (100%)

7116NATSCI	<p>ARCHAEOLOGICAL FIELD SKILLS (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to immerse the students in archaeological fieldwork methods and post-excavation analyses. By the end of the module students will have a thorough understanding of excavation and field research design, the interpretation of archaeological landscapes, site surveying techniques, interpretation of site formation processes, best excavation practices and writing up final reports for research and commercial excavations. Sampling strategies and post-excavation analyses for archaeological and environmental materials will also be taught. The aim of the practice component of this module is for students to gain competency in archaeological excavation.</p>	<p><i>Learning activities:</i> This module will be delivered through hands-on workshops, lectures and fieldwork. A competency placement will consist of a minimum of 60 hours of excavation or post-excavation practice in an archaeological site.</p>	<p><i>Assessment:</i> Fieldwork Report (50%) Post-excavation report (50%)</p>
7117NATSCI	<p>VIRTUAL METHODS AND TOPICS IN BIOARCHAEOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> This module consists of two components: 1) Virtual methods and 2) topics. Each component will carry its own assessment and they will run in parallel. This module provides an overview of virtual applications in archaeology: From data collection to analysis using multivariate statistical analyses. The Topics component of the module will provide students an opportunity to explore a topic of interest in the broader field of bioarchaeology.</p>	<p><i>Learning activities:</i> This course will be delivered through lectures and interactive workshops. In addition, students will work with a personal tutor on an in-depth study in the broader field of bioarchaeology. This work may involve critical reading, experiments, data collection and writing a journal style article. The topic chosen cannot be the dissertation topic.</p>	<p><i>Assessment:</i> GIS and GMM report (50%) Report on independent topic (50%)</p>

Built environment

4202BEUG	INTRODUCTION TO LAW (20 c) Semester 2	<i>Module aim:</i> This module will provide the students with a working knowledge of the English legal system and an introduction to the principles of the law including contract, tort and property law.	<i>Learning activities:</i> Lectures and tutorials, supported where appropriate with site visits, guest lectures, videos and webinars. Students should supplement their lecture notes with background reading including journals and digests, together with the material available through electronic databases. Formative assessment with ongoing feedback throughout the module.	<i>Assessment:</i> IN CLASS TEST (50%) EXAMINATION (50%)
4204BEUG	SCIENCE AND MATERIALS (20 c) Semester 2	<i>Module aim:</i> To provide students with an appreciation of the common scientific principles associated with environmental conditions inside buildings, and the properties and behaviour of common building materials. To enable students to apply appropriate scientific and analytical methods to investigate the internal environment in buildings and the performance and behaviour of common building materials.	<i>Learning activities:</i> The module is based on a lecture programme including video and presentations together with a number of practical laboratory sessions. Students are encouraged to develop competence using scientific equipment in an active learning approach. Laboratory work will have an emphasis on the manipulation, interpretation and analysis of the data, which should allow reasoned conclusions and recommendations to be made. Certain key mathematical skills will be integrated within the laboratory practical activities.	<i>Assessment:</i> ONLINE MULTI CHOICE TEST (50%) LAB REPORT FOLIO (50%)

4206BEUG	DESIGN AND SPECIFICATION (20 c) Semester 2	<i>Module aim:</i> To introduce fundamental concepts concerning the design of dwellings in respect of building form, function, historical precedent, building conservation, specification of materials and impact on the environment.	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context. A site visit will be arranged subject to approval.	<i>Assessment:</i> REPORT (70%) PRESENTATION (30%)
4208BEUG	INTRODUCTION TO FACILITIES MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> To provide an in depth awareness of the nature, operations and knowledge and theories within the field of the facilities management profession	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. They help shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> ESSAY (50%) TEST (50%)

4209BEUG	THE WORKPLACE ENVIRONMENT (20 c) Semester 2	<i>Module aim:</i> To introduce the student to the practical challenges of managing the workplace	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> PORTFOLIO (80%) PRESENTATION (20%)
4211BEUG	MANAGEMENT THEORY AND PRACTICE (20 c) Semester 2	<i>Module aim:</i> To enable the student to develop a factual and conceptual knowledge base in current management theory	<i>Learning activities:</i> Lecture and Workshops	<i>Assessment:</i> ACADEMIC REFERENCED ESSAY (50%) EXAMINATION (50%)
4212BEUG	MEASUREMENT AND COSTING (20 c) Semester 2	<i>Module aim:</i> To establish the principles and conventions for the quantification and costing of domestic construction works and associated infrastructure.	<i>Learning activities:</i> • Lectures and tutorial workshops, supported where possible with site visits, guest lectures, videos and webinar. • Students should supplement their lecture notes with background reading; journals, digests, trade literature and also use the material that is available through electronic databases and manufacturers. • Formative assessment with ongoing feedback throughout the module.	<i>Assessment:</i> TAKE OFF QUANTITIES (50%) REPORT (50%)

4214BEUG	ARCHITECTURAL GRAPHICS 2 (20 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of using CAD applications to produce 2D and 3D architectural drawings To develop model making skills using traditional methods and materials	<i>Learning activities:</i> There will be a small number of introductory lectures The main learning activity for this module is via workshop sessions and these will take place in either the Design Studio or an IT suite. Workshop sessions may also be scheduled in the model making laboratory. A site visit will also be included subject to approval.	<i>Assessment:</i> ARCH DRAWINGS + MODEL (70%) GRAPHICAL REPORT (30%)
4215BEUG	BUILDING SERVICES ENGINEERING PROJECT 1 (20 c) Semester 2	<i>Module aim:</i> To introduce the fundamental skills needed for the design process; To equip the student with the fundamental tools, including the necessary IT skills necessary to carry out a building services engineering design project; To develop and refine the student's written, verbal, graphical and presentation skills.	<i>Learning activities:</i> Students will be introduced to the necessary basics of interpreting building drawings and industry standard design methods, including practice with relevant software packages. Students will be taught the theoretical aspects of energy efficient and sustainable engineering solutions for non-complex buildings and will be given the opportunity to apply these to a real building.	<i>Assessment:</i> FEASIBILITY STUDY & Graphic design PROP (40%) Graphic design DOCUMENTATION & PRES (60%)
4216BEUG	ENGINEERING PRINCIPLES (20 c) Semester 2	<i>Module aim:</i> This module introduces the fundamental concepts and principles of mechanical and electrical engineering, heat transfer, thermodynamics and fluid mechanics, and the application of these to engineering problems in the Built environment environment.	<i>Learning activities:</i> The main concepts will be introduced by means of lectures and tutorials, and these will be applied using laboratory work.	<i>Assessment:</i> LAB REPORT FOLIO (50%) EXAMINATION - CLOSED BOOK (50%)

4217BEUG	ARCHITECTURAL ENGINEERING PROJECT 1 (20 c) Semester 2	<i>Module aim:</i> To introduce the fundamental skills needed for the design process; To equip the student with the fundamental tools, including the necessary IT skills necessary to carry out an architectural engineering design project; To develop and refine the student's written, verbal, graphical and presentation skills.	<i>Learning activities:</i> Students will be introduced to the necessary basics of interpreting building drawings and industry standard design methods, including practice with relevant software packages. Students will be taught the theoretical aspects of energy efficient and sustainable engineering solutions for non-complex buildings, and will be given the opportunity to apply these to a real building in conjunction with the necessity for positive building aesthetics.	<i>Assessment:</i> FEASIBILITY STUDY, Graphic design PROP (40%) Graphic design DOCUMENTATION & PRES (60%)
4218BEUG	VALUATION (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of the principal valuation theory and methodology used in professional practice. To build competency in the practical application of valuation theory and techniques.	<i>Learning activities:</i> Lectures, workshops and seminars.	<i>Assessment:</i> VALUATION REPORT (60%) IN CLASS ASSESSMENT (40%)
4219BEUG	INTRODUCTION TO PROPERTY APPRAISAL (20 c) Semester 2	<i>Module aim:</i> The module aims to provide students with an introduction to real estate appraisal, in particular the survey and measurement of buildings, property ownership and the structure of the property markets. Students will also be provided with the opportunity to apply knowledge in a practical context.	<i>Learning activities:</i> Lectures ,Workshops .	<i>Assessment:</i> Portfolio Submission 4500 word (100%)
4220BEUG	CONSTRUCTION MANAGEMENT PRACTICE (20 c) Semester 2	<i>Module aim:</i> To provide the students with an understanding of the role of a Construction Manager both in the workplace and within the Industry.	<i>Learning activities:</i> Lectures, tutorials to support the calculations. Workshops for the practical IT and surveying aspects.	<i>Assessment:</i> Industry Based Scenario (60%) Surveying Practical (40%)

4221BEUG	BUILDING ENGINEERING MATHEMATICS (20 c) Semester 2	<i>Module aim:</i> To introduce the mathematics underpinning building services engineering and architectural engineering disciplines, and to apply these techniques within appropriate vocational contexts.	<i>Learning activities:</i> A combination of lectures, tutorials and workshop sessions in an IT suite. The workshops will enable students to use and apply mathematical software to the solution of engineering mathematics problems.	<i>Assessment:</i> REPORT (40%) EXAMINATION (60%)
4225BEUG	INTEGRATIVE PROJECT (20 c) Semester 2	<i>Module aim:</i> To develop understanding of collaborative group work for a Built environment project. To develop understanding of the role of different professional disciplines in the Built environment environment.	<i>Learning activities:</i> Lectures and project workshop sessions.	<i>Assessment:</i> Group Presentation (60%) Individual Report (40%)
4226BEUG	LAW AND HEALTH & SAFETY FOR THE BUILT ENVIRONMENT (20 c) Semester 2	<i>Module aim:</i> To provide students with an appreciation of the basic principles of English law with particular reference to the Built environment environment. To develop an understanding of the principles of health & safety legislation with particular reference to the Built environment environment.	<i>Learning activities:</i> Lectures, tutorials and workshop sessions.	<i>Assessment:</i> Exam (50%) Report (50%)
4230BEUG	CONSTRUCTION ENGINEERING PRACTICE (20 c) Semester 2	<i>Module aim:</i> To provide the students with an understanding of the role of a Construction Engineer both in the workplace and within industry.	<i>Learning activities:</i> Lectures, tutorials to support the calculations. Practicals will take place either outside using the surveying equipment or inside in an IT suite where the delivery will be practical based on the IT but in a workshop format.	<i>Assessment:</i> Industry Based Scenario (60%) Surveying Practical (40%)

4231BEUG	<p>STRUCTURES AND MATERIALS (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce students to the concepts of structural mechanics and provide an understanding of the basic techniques used to analyse and design structural elements. To apply mathematical and geometrical calculations to the determination of structural properties of sections. To examine and explore the behaviour of construction materials, the relationship between ultimate stress and working stress and the likely modes of failure. Provide a sound rationale for selection and use of materials in the construction of buildings.</p>	<p><i>Learning activities:</i> Lectures, tutorials and laboratory practicals.</p>	<p><i>Assessment:</i> LABORATORY BASED (50%) EXAMINATION (OPEN BOOK) (50%)</p>
4233BEUG	<p>ENVIRONMENTAL PRACTICE (20 c) Semester 2</p>	<p><i>Module aim:</i> To evaluate the impact of construction work on the environment and the contribution of the Built environment environment to the three pillars of sustainability. To introduce students to the global issue of sustainability and how standards and legislation have been introduced to reduce the impact of buildings on the environment. To enable students to understand the scientific principles that are utilised in the design of the internal environment of buildings that ensure occupier comfort, including heating, sound and light. To allow students to undertake laboratory work to attain results that can be used in the design of internal environments within buildings.</p>	<p><i>Learning activities:</i> Lectures, tutorials and environmental science practicals. Industry scenarios and case studies will be used.</p>	<p><i>Assessment:</i> Laboratory Report (50%) MCQ Online (50%)</p>

5201BEUG	<p>PROCUREMENT AND CONTRACTS (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide an comprehensive understanding of contract management, administration and the influence of procuring suppliers and specialists to optimise contract performance.</p>	<p><i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.</p>	<p><i>Assessment:</i> REPORT (50%) EXAMINATION (50%)</p>
5203BEUG	<p>RESEARCH METHODS (10 c) Semester 2</p>	<p><i>Module aim:</i> To understand the academic research process and the differing techniques, strategies and methods used to undertake research in the Built environment environment To develop a research proposal that can be taken forward to the final year research project</p>	<p><i>Learning activities:</i> Directed workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the syllabus material in context. Additional support is also provided by nominated supervisor.</p>	<p><i>Assessment:</i> RESEARCH PROPOSAL (100%)</p>
5204BEUG	<p>COLLABORATIVE INTERDISCIPLINARY PROJECT 2 (10 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to bring together different professions as represented by Level 5 students from the Built environment environment disciplines and to enable them to work collaboratively on a BIM (Building Information Modelling) project. It highlights the interdisciplinary nature of the construction and property roles using industry standard software to support the decision making process in a sustainable environment.</p>	<p><i>Learning activities:</i> Lectures, workshops, group work and presentations</p>	<p><i>Assessment:</i> PORTFOLIO (100%)</p>

5205BEUG	ASSET MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> To examine the effective acquisition, management and maintenance of property as an asset.	<i>Learning activities:</i> Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material. Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.	<i>Assessment:</i> PORTFOLIO (100%)
5211BEUG	CONSTRUCTION PROJECT MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> To introduce students to concepts, procedures and techniques used in the planning and control of construction projects.	<i>Learning activities:</i> Lectures and workshops.	<i>Assessment:</i> CASE STUDY REPORT (50%) EXAMINATION (50%)
5212BEUG	ADVANCED MEASUREMENT AND CONTRACT ADMINISTRATION (20 c) Semester 2	<i>Module aim:</i> To refine and extend abilities in the measurement and quantification of complex buildings. To also demonstrate knowledge, understanding and implement construction contract administrative procedures.	<i>Learning activities:</i> Structured Lectures and Workshops which allow the students to reinforce, develop and apply their knowledge and understanding and obtain specific problem solving help and advice. Assessment is 100% coursework.	<i>Assessment:</i> MEASUREMENT TECHNOLOGY (50%)

5212BEUG	ADVANCED MEASUREMENT AND CONTRACT ADMINISTRATION (20 c) Semester 2	<i>Module aim:</i> To refine and extend abilities in the measurement and quantification of complex buildings. To also demonstrate knowledge, understanding and implement construction contract administrative procedures.	<i>Learning activities:</i> Structured Lectures and Workshops which allow the students to reinforce, develop and apply their knowledge and understanding and obtain specific problem solving help and advice. Assessment is 100% coursework.	<i>Assessment:</i> MEASUREMENT TECHNOLOGY (50%)
5213BEUG	BUILDING REFURBISHMENT AND DESIGN (20 c) Semester 2	<i>Module aim:</i> To demonstrate awareness of a range of factors affecting a building project and to produce detailed design documentation. To further develop fundamental skills in the preparation and production of architectural drawings for a building refurbishment project.	<i>Learning activities:</i> Lectures Workshop sessions in Design Studio Workshop sessions in an IT suite Tutorials to review progress	<i>Assessment:</i> GRAPHICAL REPORT (60%) VERBAL PRESENTATION (40%)
5218BEUG	BUILDING SERVICES ENGINEERING PROJECT 2 (20 c) Semester 2	<i>Module aim:</i> To provide students with the knowledge and skills necessary to interpret the mechanical and electrical building services needs and requirements of a range of simple and moderately complex buildings and develop practical schemes. To develop and refine skills necessary for the development, management and successful completion of a significant project. To develop and refine written, verbal, graphical and presentation skills.	<i>Learning activities:</i> The module is delivered through a large multi-task project which requires the students to produce designs or propose commercial procedures, recommendations, solutions for tasks based on the engineering services needs of a moderately complex building. The specific tasks of the project are selected to reflect the particular aspects of engineering services in which the student specialises. Inter-disciplinary working is actively encouraged and facilitated.	<i>Assessment:</i> FEASIBILITY REPORT (40%) DETAILED Graphic design FOLIO (60%)

5219BEUG	<p>GEOMATICS (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce the principles and techniques involved in land surveying and setting out on site and demonstrate the use of Imaging and Unmanned Arial Systems for the surveying, inspection and monitoring of construction works including data output integration with digital terrain models and BIM.</p>	<p><i>Learning activities:</i> The module will be delivered through a mixture of lectures, workshops and practical work.</p>	<p><i>Assessment:</i> Scenario Based (60%) Surveying Practical (40%)</p>
5221BEUG	<p>BUILDING ENGINEERING COLLABORATIVE PROJECT 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to bring together different professions as represented by Level 5 students from the Built environment environment disciplines and to enable them to work collaboratively on a BIM (Building Information Modelling) project. It highlights the interdisciplinary nature of the construction and property roles using industry standard software to support the decision making process in a sustainable environment. In addition this module provides a vehicle for Building Services and Architectural Engineering students to develop and refine the skills necessary for the management and successful completion of a significant project. This will include attention to building services systems, function, form and aesthetics of buildings.</p>	<p><i>Learning activities:</i> Lectures, workshops, group work and presentations. There are two main themes addressed by this module: 1. The production of a suitable work derived project supported by the other modules within the second year of the programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity using a 3D model on a BIM enabled project, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally. 2. The specialist building engineering part of the module in delivered through a multi-task project which requires the students to produce designs or propose commercial procedures, recommendations, solutions for tasks based on the engineering services needs of a moderately complex building.</p>	<p><i>Assessment:</i> Graphic design PROJECT (50%) PROJECT MANAGEMENT FOLIO (50%)</p>

5222BEUG	ARCHITECTURAL ENGINEERING PROJECT 2 (20 c) Semester 2	<p><i>Module aim:</i> To provide students with the knowledge and skills necessary to interpret the building engineering needs and requirements of a range of simple and moderately complex buildings and develop practical schemes. In this context building engineering refers to the building services systems, function, form and aesthetics of buildings.</p> <p>To develop and refine skills necessary for the development, management and successful completion of a significant project.</p> <p>To develop and refine written, verbal, graphical and presentation skills.</p>	<p><i>Learning activities:</i> The module is delivered through a large multi-task project which requires the students to produce designs or propose commercial procedures, recommendations, solutions for tasks based on the engineering services needs of a moderately complex building. The specific tasks of the project are selected to reflect the particular aspects of engineering services in which the student specialises. Inter-disciplinary working is actively encouraged and facilitated.</p>	<p><i>Assessment:</i> FEASIBILITY REPORT (40%) DETAILED Graphic design FOLIO (60%)</p>
5223BEUG	BUILDING ENGINEERING RESEARCH METHODS (10 c) Semester 2	<p><i>Module aim:</i> To understand the academic research process and the differing techniques, strategies and methods used to undertake engineering research in the Built environment environment</p> <p>To develop a research proposal that can be taken forward to the final year research project</p>	<p><i>Learning activities:</i> Workshops, supported by nominated Supervisor</p>	<p><i>Assessment:</i> REPORT (100%)</p>
5225BEUG	PLANNING AND DEVELOPMENT (20 c) Semester 2	<p><i>Module aim:</i> To develop students' knowledge and critical understanding of the planning framework including the agencies, mechanisms, law and policies, processes and procedures and its practical relationship with real estate.</p> <p>To develop students' knowledge and critical understanding of the development process in the Built environment environment.</p>	<p><i>Learning activities:</i> Lectures, Workshops</p>	<p><i>Assessment:</i> 2500 WORD REPORT (50%) CLOSED BOOK EXAMINATION (50%)</p>

5226BEUG	<p>CONSTRUCTION CONTRACTS (20 c) Semester 2</p>	<p><i>Module aim:</i> To evaluate the apportionment of risk and responsibility are considered under various construction contracts.</p>	<p><i>Learning activities:</i> Lectures and tutorials, supported where possible with site visits, guest lectures, videos and webinar. Students should supplement their lecture notes with background reading; journals, digests, trade literature and also use the material that is available through electronic databases and manufacturers. Formative assessment with ongoing feedback throughout the module.</p>	<p><i>Assessment:</i> REPORT (50%) EXAMINATION (50%)</p>
5251BEUG	<p>STRUCTURAL DESIGN AND DETAILING (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce the use of Eurocodes in the design of timber, structural steel and reinforced concrete structures. To design and detail structural elements in timber, reinforced concrete and structural steelwork using Eurocode 2, 3 and 5.</p>	<p><i>Learning activities:</i> Lectures, tutorials, problem-solving sessions within workshops and tutorials. use of specialist computer software in IT workshops.</p>	<p><i>Assessment:</i> EXAMINATION (50%) Graphic design & DETAILING REPORT (50%)</p>

6201BEUG	COLLABORATIVE INTERDISCIPLINARY PROJECT 3 (10 c) Semester 2	<i>Module aim:</i> This module aims to bring together different professions as represented by Level 6 students on Built environment Environment programmes and to work collaboratively on a large scale development project. BIM (Building Information Modelling) techniques will be utilised within the project. It highlights the interdisciplinary nature of the construction and property industry using softwares to support the decision making process in a sustainable environment.	<i>Learning activities:</i> Lectures, workshops, group work and presentations The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the final year of the programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally. Group presentations will be given to a panel comprising of academic staff and representatives from industry after which formative feedback will be provided.	<i>Assessment:</i> Simulated Project (100%)
6209BEUG	ENGINEERING MEASUREMENT (20 c) Semester 2	<i>Module aim:</i> This module consolidates and builds upon the student's learning to date in the fields of measurement and BIM technologies and processes. Students will examine the most effective quantification techniques for complex construction and engineering projects through analysis of and comparison between available measurement protocols.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> MEASUREMENT REPORT (50%) IN-CLASS TEST (50%)
6213BEUG	DETAILED DESIGN AND PROJECT PRESENTATION (30 c) Semester 2	<i>Module aim:</i> To apply and integrate core architectural technology skills to translate outline design scheme into a detailed building design. To present an end of year project using effective verbal, graphical and written communication skills to a professional standard	<i>Learning activities:</i> Lectures / tutorials Workshop sessions in an IT room & design studio	<i>Assessment:</i> Architectural drawings (40%) Technical Report (40%) Critical review (20%)

6214BEUG	ARCHITECTURAL TECHNOLOGY PROFESSIONAL PRACTICE (20 c) Semester 2	<i>Module aim:</i> To develop an awareness of the context and factors that inform and influence the practice of architectural technology nationally and internationally. To develop an awareness of current topics, practices and professional ethics which inform the discipline of architectural technology.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Powerpoint presentation (60%) Critical reflection (40%)
6217BEUG	REAL ESTATE INVESTMENT (20 c) Semester 2	<i>Module aim:</i> This module aims to introduce students to the principles of investment and develop their knowledge and understanding of real estate as an investment vehicle within the market-place and to evaluate its performance against other investment options. It also provides the opportunity to identify and analyse relevant market data and develop skills needed to advise on real estate investment decisions	<i>Learning activities:</i> Lectures, Tutorials	<i>Assessment:</i> Portfolio (100%)
6222BEUG	BUILDINGS, ENERGY AND SUSTAINABILITY (20 c) Semester 2	<i>Module aim:</i> To investigate the environmental consequences of energy use in buildings with particular reference to building engineering systems and services. To critically evaluate the environmental and economic benefits which are consequent on the specification of various building engineering systems and appropriate low and near zero carbon technologies. To examine processes for the assessment of building energy loads at feasibility and post construction stages.	<i>Learning activities:</i> Lectures and tutorials, occasional site visits,	<i>Assessment:</i> REPORT (50%) EXAMINATION (50%)

6223BEUG	BUILDING SERVICES ENGINEERING PROJECT 3 (20 c) Semester 2	<i>Module aim:</i> To enable the student to work both collaboratively and individually on realistic projects that facilitate the development and integration of a range technical and professional skills within the context of building services.	<i>Learning activities:</i> Lectures, tutorials, seminars, and design studio sessions during which students will work in teams towards a project brief with a member of staff, who will act as client.	<i>Assessment:</i> PORTFOLIO (65%) PRESENTATION (15%) REPORT (20%)
6224BEUG	ARCHITECTURAL ENGINEERING PROJECT 3 (20 c) Semester 2	<i>Module aim:</i> To enable the student to work both collaboratively and individually on realistic projects that facilitate the development and integration of a range technical and professional skills within the context of architectural engineering.	<i>Learning activities:</i> Lectures, tutorials, seminars, and design studio sessions during which students will work in teams towards a project brief with a member of staff, who will act as client.	<i>Assessment:</i> REPORT (20%)
6224BEUG	ARCHITECTURAL ENGINEERING PROJECT 3 (20 c) Semester 2	<i>Module aim:</i> To enable the student to work both collaboratively and individually on realistic projects that facilitate the development and integration of a range technical and professional skills within the context of architectural engineering.	<i>Learning activities:</i> Lectures, tutorials, seminars, and design studio sessions during which students will work in teams towards a project brief with a member of staff, who will act as client.	<i>Assessment:</i> REPORT (20%)
6250BEUG	DIGITAL ENGINEERING DESIGN PROJECT (20 c) Semester 2	<i>Module aim:</i> To develop the student's conceptual design skills and apply them in conjunction with other skills such as detailed design, project management and Health and Safety to act as an engineer in the solution of a digital engineering problem.	<i>Learning activities:</i> Workshops will be used as the vehicle to deliver this module and can involve design studio sessions, seminars, guest lectures and IT sessions using the various industry standard software to develop greater understanding and skills within digital engineering. Students will work in teams and act as a consultancy and be given a design brief by a member of staff, who will act as client.	<i>Assessment:</i> Group Based (30%) Individual Based (70%)

6253BEUG	PROFESSIONAL PRACTICE (10 c) Semester 2	<i>Module aim:</i> To evaluate the major principles and techniques of effective management. To broaden the appreciation of the complexities of modern business in particular factors affecting current and future business practice.	<i>Learning activities:</i> Lectures that will involve various teaching and learning styles i.e. students interaction using CPS or presentations.	<i>Assessment:</i> RESEARCH PAPER (100%)
6254BEUG	CONSTRUCTION ENGINEERING RESEARCH PROJECT (30 c) Semester 2	<i>Module aim:</i> To enable students to complete a substantial piece of individual work and build on their expertise in a Construction Engineering subject. To develop students' research, time management, presentation and written communication skills.	<i>Learning activities:</i> Lectures and tutorials supported by the nominated supervisor. The student is expected to carry out individual study and investigation.	<i>Assessment:</i> Final dissertation report (90%) Presentation of proposal (10%)
7402BEPG	COLLABORATIVE BIM PROJECT (20 c) Semester 2	<i>Module aim:</i> To allow students to follow BIM protocols and practice in a collaborative multidisciplinary project team to achieve project success.	<i>Learning activities:</i> The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of the various stakeholders as relevant to the workplace generally. Key skills are developed through lectures, workshops, individual and group Presentations.	<i>Assessment:</i> Industry case study based (100%)

7405BEPG	ADVANCED OIL AND GAS MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> 1. To examine the technical, economical, financial, commercial and contractual activities in the oil and gas industry. 2. To explore the main challenges facing the oil and gas sector, its responses to these challenges and future directions within the global market.	<i>Learning activities:</i> The module is delivered in taught mode by lectures including discussions using case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)
7407BEPG	LEADERSHIP FOR STRATEGIC EXECUTION (20 c) Semester 2	<i>Module aim:</i> 1. To explore and promote contemporary strategic project management principles. 2. To enable student to understand the importance of managing hard and soft issues.	<i>Learning activities:</i> The module is delivered in taught mode by lectures involving discussions using case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)
7408BEPG	ORGANISATIONAL CHANGE (20 c) Semester 2	<i>Module aim:</i> To develop a coherent understanding of the issues relating to theory and practical applications of change management within organisations and the impact of cultural aspects on organisations and projects.	<i>Learning activities:</i> The module is delivered in taught mode by lectures including discussions using case studies, interactive group work and directed self-study.	<i>Assessment:</i> Portfolio Case Study Related (100%)
7409BEPG	INTEGRATED PROJECT (10 c) Semester 2	<i>Module aim:</i> To allow students to apply the theory and concepts into a project scenario working with a collaborative approach to develop team skills.	<i>Learning activities:</i> Seminars/workshops. Use of case studies, video's and guest lecturers.	<i>Assessment:</i> Presentation Group Based (30%) Portfolio Group and Individual (70%)
7411BEPG	PRINCE2® (10 c) Semester 2	<i>Module aim:</i> To develop the requisite skills and knowledge needed in order to apply the PRINCE2® method to the management of different stages of the project life cycle.	<i>Learning activities:</i> The module is delivered in a series of workshops that may, depending on the material to be covered, form mini lectures including discussion using case studies, interactive group work and directed self-study.	<i>Assessment:</i> PRINCE2® Assessments (100%)

7412BEPG	SUSTAINABLE AND LEAN PRINCIPLES WITHIN CONSTRUCTION (20 c) Semester 2	<i>Module aim:</i> To identify and critically appraise how environmental sustainability and lean principles can be incorporated into a more modern and innovative construction organisation and industry.	<i>Learning activities:</i> Series of lectures and workshops using case studies and interactive group work.	<i>Assessment:</i> Portfolio Case Study Based (100%)
7421BEPG	DESIGN MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> This module aims to enable students to understand, appraise and analyse the complexities of designing and refurbishing buildings by exploring a project's objectives and aspirations from the client's perspective. Students will gain a strategic appreciation and critical application of how to design, refurbish and specify building projects by consistently focusing on and aligning decisions to expected client outcomes and benefits.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> PRESENTATION (30%) PORTFOLIO (70%)
7422BEPG	LAW AND CONTRACT (20 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of the legal principles governing ownership and occupation of real estate. To develop a critical appreciation of the practical application and impact of the legal framework on land and property interests.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> ESSAY (50%) EXAM (50%)
7423BEPG	DILAPIDATIONS (10 c) Semester 2	<i>Module aim:</i> This module aims to enable students to develop a critical understanding and application of the Law of Dilapidations within the context of commercial property.	<i>Learning activities:</i> Workshops only	<i>Assessment:</i> PRESENTATION (100%)

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7425BEPG	LAW (20 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of the legal principles governing ownership and occupation of real estate. To develop a critical appreciation of the practical application and impact of the legal framework on land and property interests.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> EXAM (50%) ESSAY (50%)
7426BEPG	REAL ESTATE MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> This module aims to develop students' knowledge of strategic real estate management theory and examine its practical application. Students will also analyse operational real estate management strategies and their impact on overall performance.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Assignment (100%)
7429BEPG	REAL ESTATE INVESTMENT (20 c) Semester 2	<i>Module aim:</i> This module aims to develop students' knowledge and comprehension of real estate as an investment option within the market-place and to evaluate its performance against other investment vehicles. Students will also gain a critical understanding of selection, pricing and performance measurement models and apply these within the context of strategic portfolio management.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Assignment (100%)
7433BEPG	QUANTITY SURVEYING PROFESSIONAL SKILLS (20 c) Semester 2	<i>Module aim:</i> To allow students to apply the theory, concepts and procedures of quantity surveying professional skills using standard industry.	<i>Learning activities:</i> The central theme of the module is to submerge the student into a "real-life" construction project exploring the many services of a QS throughout the project delivery phase. The module is delivered through a combination of lectures, webinars and workshops.	<i>Assessment:</i> TEST (50%) TECHNOLOGY (50%)

7436BEPG	<p>RISK AND VALUE MANAGEMENT STRATEGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To critically review the construction processes and their inherent health, safety, and commercial risks in a BIM working environment. To design and develop a risk management response strategy in a project life cycle. To design a value management framework suitable for project stakeholders regardless of the varied levels of competencies in BIM. To critically evaluate integrated risk and value management responses in a dynamic project work environment</p>	<p><i>Learning activities:</i> Lectures Workshops Use of case studies and videos.</p>	<p><i>Assessment:</i> PORTFOLIO (50%) EXAM (50%)</p>
7441BEPG	<p>INTEGRATED BIM IN PRACTICE (10 c) Semester 2</p>	<p><i>Module aim:</i> To allow students to develop strategic plans for incorporating BIM in practice, by identifying the business benefits and challenges which surround the application of BIM across multiple disciplines in the construction industry.</p>	<p><i>Learning activities:</i> Fortnightly case study lectures delivered by industry experts, followed by fortnightly reflective workshops to discuss the pertinent aspects of the guest lecture in the previous week.</p>	<p><i>Assessment:</i> CASE STUDY (100%)</p>

<p>7443BEPG</p>	<p>BUILDING ENGINEERING AND DETAILING (20 c) Semester 2</p>	<p><i>Module aim:</i> To enable the student to apply knowledge and understanding from previous and concurrent modules to produce a comprehensive design solution for a large or complex building, that reflects the level of technical and professional expertise expected of a masters graduate in architectural engineering.</p>	<p><i>Learning activities:</i> This module will be based on the design of a complex live or simulated building project. The following learning and teaching methods will be employed: site visits and key lectures as appropriate, supervised studio work, practical IT sessions, tutorials and individual critiques. site visits. Key lectures, plus site visit if required, will provide briefing, background and appropriate information. This may involve guest lecturers or client representatives where necessary. Some initial preparatory studies may be carried out in small groups depending on the nature of the project. Students will be expected to maintain a learning journal throughout the module in the form of a portfolio document to record their design process and demonstrate their skills in critical analysis, synthesis, evaluation and reasoned decision making. The reflective Design Journal will be largely graphical in content containing sketches and annotated drawings with supporting written commentary where appropriate. The use of critiques as formative assessment will enable students to receive feedback on individual development and progress.</p>	<p><i>Assessment:</i> Illustrated Design Report (80%) Presentation (20%)</p>
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Business

4004BPR	Marketing and Human Resource Management (20 c) Semester 2	<i>Module aim:</i> A module which aims to enable students to identify the key responsibilities of the Marketing and Human Resource teams within a business and explain how they interact with other functions within an effective business.	<i>Learning activities:</i> There will be a range of learning activities, in workshops. The content will reflect practitioner led approaches to management, Human Resources and Marketing.	<i>Assessment:</i> Exam (100%)
4007BPR	Writing for PR (20 c) Semester 2	<i>Module aim:</i> To acquire the necessary writing skills for Public Relations communications.	<i>Learning activities:</i> Writing activities: formal, informal register, letters, e-mails, blogs, reports, press releases, etc, focussing on a variety on styles.	<i>Assessment:</i> Portfolio (100%)
4103LBSBW	Marketing for Business (20 c) Semester 2	<i>Module aim:</i> To immerse students into the role and practice of marketing, providing knowledge and understanding of the relevant theories through engagement.	<i>Learning activities:</i> Lectures plus weekly seminars, case studies, group exercises, presentations, self assessment exercises	<i>Assessment:</i> PRESENTATION (50%) EXAM (50%)

4104LBSBW	Finance and Accounting Skills (20 c) Semester 2	<i>Module aim:</i> This module is designed to provide students with an understanding of essential finance and accounting terminology and methods to enable them to perform effectively and efficiently within their future workplace. Using practical examples, students will gain confidence to be able to financial modelling skills using Excel.	<i>Learning activities:</i> In order to simulate the students they will be actively involved in identifying the rationale behind key operational and management decisions of UK and international based companies, throughout the semester. They will create a newly formed business structure, be able to select the locality, operational costs of production, capacity factors, to produce supporting calculations within excel models. Students will be informed of the different financing options available and prepare a supporting venture capital request business plan presentation, which will consider current and expected economic and market conditions. The module is fully supported by blackboard including lecture notes, case studies, internet links and appropriate literature sources. Students will link apply knowledge gained through the other core modules of business operations, marketing and contemporary business issues.	<i>Assessment:</i> EXAM (30%) REPORT (70%)
4105LBSBW	Fundamentals of Management (20 c) Semester 2	<i>Module aim:</i> This module is designed to introduce students to various theories of management and how they have developed. It will highlight various challenges faced by business managers in the 21st century including the various concepts, tools and models used to overcome them. It also aim to help student understand the need to develop personal management capability.	<i>Learning activities:</i> Lecture (introduction of theory, concepts, discussions) Workshop (Group work on analysis and mining for information) Seminars (Case study analysis and current challenges in management)	<i>Assessment:</i> ESSAY (60%) PRESENTATION (40%)

4305BUSBS	CONTEMPORARY BUSINESS ISSUES (20 c) Semester 2	<i>Module aim:</i> This module provides the essential frameworks to understand current issues in business and their impact on companies and society.	<i>Learning activities:</i> Lectures, seminars, workshop, case studies, guest speakers.	<i>Assessment:</i> POSTER (40%) ESSAY (60%)
5006BPR	Professional Development & Research (20 c) Semester 2	<i>Module aim:</i> To develop students' workplace understanding, employability and subject specific skills via a short project with a relevant employer. To prepare students for the Level 6 Dissertation and enable students to develop a research proposal	<i>Learning activities:</i> This module consists of a short, project based placement within an organisation dealing with PR related work. Learning on placement is experiential and reflective. Research methods workshops and self directed activities with the support of a supervisor.	<i>Assessment:</i> Reflection on work related lea (50%) Proposal for final year projec (50%)
5050BUSBM	Digital Business Intelligence (20 c) Semester 2	<i>Module aim:</i> The course aims to introduce students to business intelligence tools that are used to transform structured and unstructured data into actionable insight. Based on data, students will learn how to lead and manage digital initiatives and/or to identify digital opportunities and devise digital strategy to respond to changes in markets and competition.	<i>Learning activities:</i> - problem solving - IT laboratory sessions focused on mastering various business intelligence tools - data collection, cleaning and analysis - case studies - small group discussions - presentation - reporting	<i>Assessment:</i> 1,250 words individual essay (30%) 3,500 words group report (70%)
5059BUSBM	Retail Management (20 c) Semester 2	<i>Module aim:</i> To develop and apply an in-depth knowledge and understanding of the issues of the current retail environment To gain an understanding of the various roles and functions of organisational management in retail To provide the opportunity for students to apply their learning to real world problems in retail	<i>Learning activities:</i> Lecture, Seminar, workshop	<i>Assessment:</i> Essay on External environment (50%) Report on internal strategy (50%)

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5103LBSBW	Digital Business Intelligence (20 c) Semester 2	<i>Module aim:</i> The course aims to introduce students to business intelligence tools that are used to transform structured and unstructured data into actionable insight. Based on data, students will learn how to lead and manage digital initiatives and/or to identify digital opportunities and devise digital strategy to respond to changes in markets and competition.	<i>Learning activities:</i> - problem solving - IT laboratory sessions focused on mastering various business intelligence tools - data collection, cleaning and analysis - case studies - small group discussions - presentation - reporting	<i>Assessment:</i> ESSAY (30%) PEPORT (70%)
5104LBSBW	Research Methods (20 c) Semester 2	<i>Module aim:</i> The module aims to enable students to develop a research proposal on a topic of their choice.	<i>Learning activities:</i> Lectures, seminars to support the development of IT and research skills.	<i>Assessment:</i> RESEARCH PROPOSAL (100%)
6005BPR	Strategic Campaign Management (20 c) Semester 2	<i>Module aim:</i> To explore, develop and apply effective public relations campaigns in the context of wider strategic goals.	<i>Learning activities:</i> A 'campaign room' where the emphasis is on students to be able to understand the practical aspects of campaigns and how they are underpinned by theory.	<i>Assessment:</i> Campaign Structure (60%) Client Campaign (40%)
6057BUSBM	Lean Six Sigma (20 c) Semester 2	<i>Module aim:</i> This module aims to equip students with the skills necessary to embark on a Lean Six Sigma project. Successful learners will receive certificates in Yellow and Green Belt level.	<i>Learning activities:</i> Lectures, seminars and workshops.	<i>Assessment:</i> Case Study DMAIC application (50%) Green Belt Open Book MC (50%)

6103LBSBW	Business Consultancy (20 c) Semester 2	<i>Module aim:</i> The aims of this module are for students to develop an understanding of business problems and issues particularly at the strategic level and provide them with the opportunity to apply key academic theories and models in the development of a solution that meets the client's needs.	<i>Learning activities:</i> The students will be given a real life business issue to resolve. A client will come in and set the problem. The students will then work in teams of consultants, with the module team acting as senior consultants to provide support and advice in the design and development of the solution.	<i>Assessment:</i> presentation (40%) report (60%)
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7005BUSPR	Media Relations (20 c) Semester 2	<i>Module aim:</i> To research, develop and apply effective professional media management methods.	<i>Learning activities:</i> Workshops, moots, guest speakers	<i>Assessment:</i> Press pack compilation (50%) Media interview (50%)
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Business & PR

4005BPR	Creative Media Production (10 c) Semester 2	<i>Module aim:</i> To utilise the advances in Web 2.0 to the advantage of the PR practitioner.	<i>Learning activities:</i> Practicals, demonstrations, discussions, all focused on video production and PR led professional practice	<i>Assessment:</i> Production of a video (100%)
4006BPR	Personal and professional development (10 c) Semester 2	<i>Module aim:</i> To develop skills to support successful academic study and personal development	<i>Learning activities:</i> Group workshops & individual personal development meetings	<i>Assessment:</i> Portfolio (90%) World of Work Bronze (10%)
5004BPR	Event Management (20 c) Semester 2	<i>Module aim:</i> To appraise key issues and develop strategic planning for effective event management	<i>Learning activities:</i> Lectures Practical workshops Case studies Guest speakers	<i>Assessment:</i> Event proposal (100%)
5007BPR	Digital Communication Management (20 c) Semester 2	<i>Module aim:</i> The module aims to give students a framework for understanding and evaluating the landscape in digital communication and the impact on the PR function	<i>Learning activities:</i> Workshops, guest speakers.	<i>Assessment:</i> 2500 word report (100%)

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6001BPR	Integrated Digital Marketing Communications (20 c) Semester 2	<i>Module aim:</i> To develop a theoretical and practical understanding of current issues and trends in digital marketing communications.	<i>Learning activities:</i> This module is delivered through a series of workshops involving theoretical and practical work.	<i>Assessment:</i> Online presence with report (100%)
6006BPR	Working in the creative industries (20 c) Semester 2	<i>Module aim:</i> Understand the skills and needs of creative professionals in terms of their careers and roles in the sector	<i>Learning activities:</i> A range of workshops	<i>Assessment:</i> Portfolio (100%)
7004BUSPR	Digital Communication Management (20 c) Semester 2	<i>Module aim:</i> The module explores digital communication technologies to understand the effects that this application of technology (including social media) is having on the public relations function. The module aims to give students a framework for understanding and evaluating the digital landscape in respect of organisational communication and reputation.	<i>Learning activities:</i> Workshops, online and guest speakers.	<i>Assessment:</i> 4000 word report (100%)

Chemistry

4004APCHEM	PROPERTIES OF MOLECULES (20 c) Semester 2	<i>Module aim:</i> Building on the first semester modules, this will cover more complex organic molecules and their physical attributes and reactivity resulting from molecular structure - for example the way a molecule might dissolve in one solvent, but not in another. The idea of multiple-step reactions and interconversions of molecules are also covered, as an important factor in the industrial production and use of chemicals. Career and employability self-awareness will also be assessed.	<i>Learning activities:</i> Lectures, tutorials and workshops.	<i>Assessment:</i> Examination (50%) Report (40%) Self Awareness Statement (10%)
4005APCHEM	PROPERTIES OF MATTER (20 c) Semester 2	<i>Module aim:</i> This module provides candidates with an outline of some basic principles of inorganic aqueous chemistry and solid state structures. It also indicates how the interaction of radiation with such matter leads to spectroscopic properties widely used in analytical chemistry.	<i>Learning activities:</i> Lectures, workshops, tutorials and seminars	<i>Assessment:</i> Examination (60%) Report (40%)
4006APCHEM	PRACTICAL LABORATORIES 2 (20 c) Semester 2	<i>Module aim:</i> This course will focus on simple organic and inorganic synthesis. It will also build on the areas covered in Practical Labs 1, applying isolation and analytical techniques to the products obtained from the contained chemical syntheses/conversions.	<i>Learning activities:</i> Laboratory classes in Organic and Inorganic synthesis, physical measurement and analytical assay.	<i>Assessment:</i> Practical Exam (40%) Practical Report (20%) Lab book portfolio (40%)

5004APCHEM	UNDERSTANDING MATERIALS AND MIXTURES (20 c) Semester 2	<i>Module aim:</i> The course aims at providing an overview of the relationships between solid state structures and material properties. Different classes of materials will be covered to exemplify this concept. Techniques to characterise materials (and their properties) will be introduced. Emphasis will be placed on the synthetic approaches to inorganic, organic and composite materials.	<i>Learning activities:</i> Lecture, workshops, tutorials	<i>Assessment:</i> Examination (60%) Presentation (40%)
5005APCHEM	STRUCTURE AND ANALYSIS (20 c) Semester 2	<i>Module aim:</i> To develop knowledge, practical experience and the interpretation skills necessary for the quantitative and qualitative analysis of chemical species relevant to chemical industries. This module will also introduce the concepts of molecular modelling and computational analysis	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Report (40%) Examination (60%)
5006APCHEM	PRACTICAL LABORATORIES 4 (20 c) Semester 2	<i>Module aim:</i> Building on both Level 4 practical modules and Practical Labs 3, this course will concentrate on the chemistry underpinning materials - compounds, polymers and copolymers - from the angle of synthesis and reaction/functionalisation. Chromatographic and spectroscopic analytical techniques, including some tandem techniques will be used for assaying laboratory products.	<i>Learning activities:</i> Laboratory classes in organic and inorganic synthesis, physical and analytical assay and computational chemistry.	<i>Assessment:</i> Practical Exam (50%) Practical Report (20%) Lab book portfolio (30%)
6000APCHEM	RESEARCH PROJECT (40 c) Semester 2	<i>Module aim:</i> The course aims to equip the student to undertake practical research in the area of Applied Chemistry and to be able to present the research orally and in written form.	<i>Learning activities:</i> Lectures and practical work. Preparation of a personal development portfolio.	<i>Assessment:</i> Project Dissertation (70%) Oral Exam (30%)

6004APCHEM	MODERN SYNTHESIS (20 c) Semester 2	<i>Module aim:</i> To convey some of the most important modern chemical transformations involved in pharmaceutical, agrichemical and materials science. This will equip the learner with the theoretical knowledge that will be applied in the industrial setting.	<i>Learning activities:</i> Lectures, workshops and tutorials	<i>Assessment:</i> Examination (70%) Report (30%)
6006APCHEM	PRACTICAL LABORATORIES 6 (20 c) Semester 2	<i>Module aim:</i> Small Group Project (2-3 students). The students will work together to research a topic concerning modern materials from the angle of synthesis, property testing or analysis, plan and construct a suitable short piece of laboratory investigation and then carry this out. This will be overseen by an academic experienced in the area of Inorganic, Organic, Physical, Analytical or Computational Chemistry, but will require significant original student input. Poster presentation will be by the group, but individual formal reports will be submitted.	<i>Learning activities:</i> Laboratory projects in Organic, Inorganic, Polymer, Analytical and Computational Chemistry	<i>Assessment:</i> Practical exam (60%) Lab book portfolio (20%) Lab report (20%)

Civil engineering

4203CIV	SURVEYING AND CAD (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to basic techniques for land surveying and setting out. It includes methods of obtaining field measurements for the purpose of producing site drawings, and setting out points using line-of sight. To develop an understanding of the use and application of Computer Aided Design in the Built environment Environment and the development of 2-dimensional drafting techniques and conventions.	<i>Learning activities:</i> Surveying will be taught through lectures and tutorial exercises. Practical sessions will provide hands on experience with surveying equipment. IT workshops will introduce students to CAD and how survey measurements are applied in civil engineering drawings.	<i>Assessment:</i> SURVEYING AND CAD DRAWINGS (50%) EXAMINATION (50%)
4204CIV	INTRODUCTION TO GEOTECHNICS (20 c) Semester 2	<i>Module aim:</i> To gain an entry level understanding of soil and rock mechanics and soil interaction in engineering applications.	<i>Learning activities:</i> Lectures/Tutorials/Practicals.	<i>Assessment:</i> LABORATORY REPORT (30%) EXAMINATION (70%)
4205CIV	HYDRAULICS (10 c) Semester 2	<i>Module aim:</i> To introduce and then consolidate students' knowledge to the concepts, theory and application of fluid mechanics and establish their relevance in civil engineering. To demonstrate and explore key hydraulic phenomena through experimentation. To study engineering design principles of pipe networks.	<i>Learning activities:</i> Lectures, tutorials and laboratory practicals.	<i>Assessment:</i> LABORATORY BASED (100%)

5202CIV	APPLIED MATHEMATICS (10 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of the probability theory and statistics underpinning engineering, and to apply these techniques within an engineering context. To further develop the knowledge and understanding of relevant mathematical techniques underpinning engineering, and to apply these within an engineering context.	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> EXAMINATION (100%)
5203CIV	GEOTECHNICS (10 c) Semester 2	<i>Module aim:</i> To gain an advanced understanding of soil mechanics in engineering applications, and to apply this to the design of foundations and methods for slope stabilisation.	<i>Learning activities:</i> Lectures/Tutorials/Practicals.	<i>Assessment:</i> EXAMINATION (100%)
5204CIV	WATER ENGINEERING (20 c) Semester 2	<i>Module aim:</i> To introduce and then consolidate students' knowledge of the principles of engineering hydrology applied to civil engineering problems. To provide students with the ability to perform and assess a range of hydraulic computations relating to open channel flow commonly used in civil engineering. To provide an introduction to the basic unit processes and operations used in conventional water and wastewater treatment.	<i>Learning activities:</i> Lectures, tutorials and practicals	<i>Assessment:</i> EXAMINATION (70%) REPORT (30%)

5206CIV	CIVIL ENGINEERING PROJECT (20 c) Semester 2	<p><i>Module aim:</i> 1. To enable the student to develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context</p> <p>2. To develop students' understanding of their professional subject area, and their skills in team work in a collaborative environment using industry standard collaborative CAD and design tools.</p> <p>3. To develop student's self awareness skills, and their personal development planning through CPD</p> <p>4. To develop students understanding of Risk Management, Health and Safety and sustainability</p>	<p><i>Learning activities:</i> Lectures, workshops, including group work and presentations Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed by the involvement of employers and stakeholders as relevant to the workplace generally.</p>	<p><i>Assessment:</i> REPORT ON GROUP Graphic design PROJECT (50%) CPD PORTFOLIO (50%)</p>
5207CIV	WORK BASED LEARNING (20 c) Semester 2	<p><i>Module aim:</i> This module develops student knowledge and understanding of the Civil Engineering Profession by making use of the opportunities available within the workplace.</p>	<p><i>Learning activities:</i> Most learning takes place in the workplace, supplemented by lectures and seminar sessions.</p>	<p><i>Assessment:</i> REPORT (<2000 WORDS) (50%) CPD PORTFOLIO (50%)</p>
6202CIV	ADVANCED GEOTECHNICS AND DESIGN (20 c) Semester 2	<p><i>Module aim:</i> To gain an advanced level of design skill in complex geotechnical applications.</p>	<p><i>Learning activities:</i> Lectures and Tutorial sessions.</p>	<p><i>Assessment:</i> Graphic design REPORT (30%) EXAMINATION (70%)</p>

6203CIV	STRUCTURAL DESIGN AND RISK MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> This module is designed to give students an up-to-date knowledge of the structural design of structural members made from a variety of materials. Alongside the structural design they will develop their understanding of Risk Assessment and the associated Risk Management within a construction project environment. Students will develop and consolidate the structural application, design, evaluation and analysis introduced at Level 4 and 5 with more advanced application to, in particular, concrete, steel, masonry building elements/structures, using the current codes of practice including the Eurocodes.	<i>Learning activities:</i> Lectures, workshops and Tutorial sessions.	<i>Assessment:</i> GROUP STRUCTURAL Graphic design & RISK (30%) EXAMINATION (70%)
6204CIV	WORK BASED LEARNING STRUCTURES (20 c) Semester 2	<i>Module aim:</i> This module develops student knowledge and understanding of the Civil Engineering Profession by making use of the opportunities available within the workplace. Structures and Risk Management are the major themes of this module.	<i>Learning activities:</i> Most learning takes place in the workplace, supplemented by lectures and seminar sessions.	<i>Assessment:</i> REPORT (APPROX. 4500 WORDS) (100%)
7001BEPG	RESEARCH METHODOLOGY (10 c) Semester 2	<i>Module aim:</i> To provide an understanding of the academic research process understanding the differing techniques, strategies and methods used to undertake research in the Built environment environment.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> REPORT (50%) REPORT (50%)

7008BEPG	ENVIRONMENT SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of environmental systems and ways in which human activity can effect them. To develop knowledge and understanding of the workings of environmental systems, in particular: ecosystems, resources and human impact on the environment, and to enable the student to make justified technical and management decisions in the light of this knowledge and understanding.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> EXAM (60%) REPORT (40%)
7060BEPG	Materials Technology (20 c) Semester 2	<i>Module aim:</i> To further develop the student's understanding of the behaviour of Civil Engineering Materials under a wide range of service conditions. To develop the student's ability to evaluate new developments in Materials Technology and to compare critically the choice of materials for specific applications.	<i>Learning activities:</i> Lectures, seminars and tutorials	<i>Assessment:</i> EXAM (60%) PORTFOLIO (40%)
7200CIV	CIVIL ENGINEERING PROFESSIONAL PRACTICE (20 c) Semester 2	<i>Module aim:</i> The module will work with students on the development of their professional portfolio, within the context of master's level design and evaluative skills development. Students will develop systems approach to the solution of complex problems, and evaluate sustainability of designs. They will work from this to further development of their Civil Engineering 'attainments'.	<i>Learning activities:</i> Lectures, seminars	<i>Assessment:</i> REPORT (<2000 WORDS) (40%) PORTFOLIO (60%)

7201CIV	<p>WORK BASED LEARNING INNOVATION (20 c) Semester 2</p>	<p><i>Module aim:</i> This module develops student knowledge and understanding of the Civil Engineering Profession by making use of the opportunities available within the workplace. The module will work with students on the development of their professional portfolio, within the context of master's level design and evaluative skills development.</p> <p>Students will develop systems approach to the solution of complex problems, and evaluate sustainability of designs. They will work from this to further development of their Civil Engineering 'attainments'.</p>	<p><i>Learning activities:</i> Most learning takes place in the workplace, supplemented by lectures and seminar sessions.</p>	<p><i>Assessment:</i> REPORT (<2000 WORDS) (40%) PORTFOLIO (60%)</p>
7203CIV	<p>ANALYSIS AND DESIGN OF LARGE STRUCTURES (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to:</p> <ul style="list-style-type: none"> • Appreciate the underlying differences in the behaviour and analysis of steel, prestressed concrete and tensile structures. • Develop understanding of the philosophies of current professional Codes of Practice, and to gain competence in using appropriate methods for the design of steel, prestressed concrete and tensile structures • Instil confidence in the proper design of large span elements in steel, pre-stress concrete and cable tensile structural elements and • Develop understanding of large span steel, pre-stress concrete and tensile structures 	<p><i>Learning activities:</i> Module contents are conducted primarily through traditional lectures with audio-visual aids, handouts, visiting industrial lecturers and an extensive design-based-on-going project of course material. The lectured material provides the theoretical basis for the principles of analysis and design covered in the syllabus. Learning is achieved primarily through the lecture, tutorial and practical design case studies/examples, where individual supervision is provided. Support is also provided through electronic contact.</p>	<p><i>Assessment:</i> REAL PRACTICAL Graphic design STUDY (30%)</p>

7203CIV	ANALYSIS AND DESIGN OF LARGE STRUCTURES (20 c) Semester 2	<p><i>Module aim:</i> This module aims to:</p> <ul style="list-style-type: none"> • Appreciate the underlying differences in the behaviour and analysis of steel, prestressed concrete and tensile structures. • Develop understanding of the philosophies of current professional Codes of Practice, and to gain competence in using appropriate methods for the design of steel, prestressed concrete and tensile structures • Instil confidence in the proper design of large span elements in steel, pre-stress concrete and cable tensile structural elements and • Develop understanding of large span steel, pre-stress concrete and tensile structures 	<p><i>Learning activities:</i> Module contents are conducted primarily through traditional lectures with audio-visual aids, handouts, visiting industrial lecturers and an extensive design-based-on-going project of course material. The lectured material provides the theoretical basis for the principles of analysis and design covered in the syllabus. Learning is achieved primarily through the lecture, tutorial and practical design case studies/examples, where individual supervision is provided. Support is also provided through electronic contact.</p>	<p><i>Assessment:</i> REAL PRACTICAL Graphic design STUDY (30%)</p>
7206CIV	DESIGN AND CONSTRUCTION OF TRANSPORT INFRASTRUCTURE (20 c) Semester 2	<p><i>Module aim:</i> The module will enable students to design and manage transport infrastructure, including rail, airports, ports, roads and road drainage. Students will develop evaluative skills with regard to choice of transport infrastructure and construction management, and be able to design integrated transport systems.</p>	<p><i>Learning activities:</i> Lectures, tutorials, Field assessment of transport.</p>	<p><i>Assessment:</i> EXAMINATION (60%) TRANSPORT Graphic design <2000 WORDS (40%)</p>
7303BEPG	PRINCE2® (10 c) Semester 2	<p><i>Module aim:</i> To develop the requisite skills and knowledge needed in order to apply the PRINCE2® method to the management of different stages of the project life cycle.</p>	<p><i>Learning activities:</i> The module is delivered in taught mode by lectures, workshops, seminars, using case studies, interactive group work and directed self-study.</p>	<p><i>Assessment:</i> portfolio (100%)</p>

7313BEPG	<p>COLLABORATIVE BIM PROJECT (20 c) Semester 2</p>	<p><i>Module aim:</i> To allow students to follow BIM protocols and practice in a collaborative multidisciplinary project team to achieve project success.</p>	<p><i>Learning activities:</i> The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of the various stakeholders as relevant to the workplace generally. Key skills are developed through lectures and seminars which include individual and group presentations.</p>	<p><i>Assessment:</i> PORTFOLIO (100%)</p>
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7325BEPG	<p>River Basin Management (10 c) Semester 2</p>	<p><i>Module aim:</i> To provide a thorough grounding in river basin management within the context of the EU Water Framework Directive (WFD). To explore the WFD, the development of monitoring programmes within water bodies, the 'programmes of measures' for them and River Basin management Plans. To consider the sustainable use of water and critically evaluate developments in measures for sustainable use. To explore current developments in pollution control and the determination of consents for the discharge of polluted water and water impoundment.</p>	<p><i>Learning activities:</i> Lectures and seminars</p>	<p><i>Assessment:</i> EXAM (100%)</p>
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Computing

4002DACOMP	PERSONAL AND PROFESSIONAL DEVELOPMENT (10 c) Semester 2	<i>Module aim:</i> To introduce the notion of becoming a computing professional and working in the computing industry. To consider ethical frameworks and codes of conduct for the computing industry. To encourage personal development planning activities appropriate for career development.	<i>Learning activities:</i> Lectures will be used to support theoretical knowledge. Small group seminars will be used to discuss the context of the lectures for each programme cohort. The World of Work Careers Centre staff will be closely involved in delivering content for and assessing the Self-Awareness statement. Personal Tutors will provide regular support to this module and work with students to help formulate their individual development plan. This module will be delivered online.	<i>Assessment:</i> Examination (80%) Self-awareness statement (20%)
4003DACOMP	DATA MODELLING (10 c) Semester 2	<i>Module aim:</i> To introduce the fundamentals of data manipulation and presentation. To model and manipulate data using spreadsheet and database based applications. To evaluate the advantages and disadvantages of spreadsheet and database based development models.	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning. This module will have online tutorials and labs.	<i>Assessment:</i> Data Modelling Scenario (100%)

4004DACOMP	INTERNET AND WEB TECHNOLOGIES (20 c) Semester 2	<i>Module aim:</i> To introduce students to the most common technologies underlying modern computer networking and communications, to introduce the basic concepts of internet and web technologies, to explore the design issues of modern networked applications.	<i>Learning activities:</i> Learning activities will be through lectures and practical tutorials where students will be encouraged to ask questions and discuss case studies. The practical tutorials will be based around supported labs where students will be encouraged to put the theory gained in lectures and tutorials into practice. This module will have online practical.	<i>Assessment:</i> Website development (50%) Exam (50%)
4013DACOMP	PROBLEM SOLVING FOR INFORMATION SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To develop skills in computational thinking that can be used to develop programs to solve subject specific problems	<i>Learning activities:</i> Learning will largely be based on practical exercises and problem solving activities. Lectures will be used to introduce topics, which will be reinforced through practical work. This module will have online practical.	<i>Assessment:</i> Design Model (40%) Software Implementation (60%)
4102COMP	INTERNET AND WEB TECHNOLOGIES (20 c) Semester 2	<i>Module aim:</i> To introduce students to the most common technologies underlying modern computer networking and communications, to introduce the basic concepts of internet and web technologies, to explore the design issues of modern networked applications.	<i>Learning activities:</i> Learning activities will be through lectures and practical tutorials where students will be encouraged to ask questions and discuss case studies. The practical tutorials will be based around supported labs where students will be encouraged to put the theory gained in lectures and tutorials into practice.	<i>Assessment:</i> Website development (50%) Exam (50%)

4103COMP	PERSONAL AND PROFESSIONAL DEVELOPMENT (10 c) Semester 2	<i>Module aim:</i> To introduce the notion of becoming a computing professional and working in the computing industry. To consider ethical frameworks and codes of conduct for the computing industry. To encourage personal development planning activities appropriate for career development.	<i>Learning activities:</i> Lectures will be used to support theoretical knowledge. Small group seminars will be used to discuss the context of the lectures for each programme cohort. The World of Work Careers Centre staff will be closely involved in delivering content for and assessing the Self-Awareness statement. Personal Tutors will provide regular support to this module and work with students to help formulate their individual development plan.	<i>Assessment:</i> Examination (80%) Self-awareness statement (20%)
4104COMP	DATA MODELLING (10 c) Semester 2	<i>Module aim:</i> To introduce the fundamentals of data manipulation and presentation. To model and manipulate data using spreadsheet and database based applications. To evaluate the advantages and disadvantages of spreadsheet and database based development models.	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.	<i>Assessment:</i> Data Modelling Scenario (100%)
4106COMP	PROBLEM SOLVING FOR COMPUTER FORENSICS (20 c) Semester 2	<i>Module aim:</i> To familiarise students with scripting using a popular language. To enhance students software development and problem solving skills. To develop employability skills including team/group work and communication	<i>Learning activities:</i> Students will participate in lectures, practical tutorials / lab sessions and work in groups.	<i>Assessment:</i> Group software project (80%) Group presentation (20%)

4109COMP	<p>MATHEMATICS AND 2D COMPUTER GRAPHICS (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide mathematical principles in computer graphics. To explain the underpinning concepts within computer graphics. To teach 2D computer graphics operations using a modern graphical API. To develop programming skills in computer graphics.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on mathematics applied to interactive 2D computer graphics. Practical – Tutor-led practical session in the computer laboratory. Workshop – Workshop session in the computer Laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Implementation of 2D graphic (50%) In class test (50%)</p>
4111COMP	<p>PROBLEM SOLVING FOR INFORMATION SYSTEMS (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop skills in computational thinking that can be used to develop programs to solve subject specific problems</p>	<p><i>Learning activities:</i> Learning will largely be based on practical exercises and problem solving activities. Lectures will be used to introduce topics, which will be reinforced through practical work.</p>	<p><i>Assessment:</i> Design Model (40%) Software Implementation (60%)</p>
4113COMP	<p>NETWORK SOFTWARE DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To familiarise students with network protocol programming using a popular programming language. To enhance students software development and problem solving skills To develop employability skills including team/group work and communication</p>	<p><i>Learning activities:</i> Students will participate in lectures, practical tutorials / lab sessions and work in groups.</p>	<p><i>Assessment:</i> Design Model (40%) Software Implementation (60%)</p>

4114COMP	<p>PROBLEM SOLVING FOR COMPUTER SECURITY (20 c) Semester 2</p>	<p><i>Module aim:</i> To enhance students programming skills using a popular programming language. To enhance students software development and problem solving skills To develop employability skills including team/group work and communication</p>	<p><i>Learning activities:</i> Students will participate in lectures, practical tutorials / lab sessions and work in groups.</p>	<p><i>Assessment:</i> Group software project (80%) Group presentation (20%)</p>
4116COMP	<p>COMPUTER SCIENCE WORKSHOP (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to introduce the students to problem solving using previously learnt programming skills.</p>	<p><i>Learning activities:</i> Activities will be based around a given problem topic. The sessions will be computing laboratory based, led by the students, with the support of tutorial staff. Students will form small software development teams to develop from specification through design to implementation and research, where necessary, a solution to the given problem.</p>	<p><i>Assessment:</i> Group work (100%)</p>
4118COMP	<p>PROBLEM SOLVING FOR MULTIMEDIA COMPUTING (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop skills in computational thinking that can be used to develop programs to solve subject specific problems</p>	<p><i>Learning activities:</i> Learning will largely be based on practical exercises and problem solving activities. Lectures will be used to introduce topics, which will be reinforced through practical work.</p>	<p><i>Assessment:</i> Design Model (40%) Software Implementation (60%)</p>

4121COMP	SOFTWARE ENGINEERING WORKSHOP (20 c) Semester 2	<i>Module aim:</i> The module aims to introduce the students to problem solving. Previously learnt programming skills will be brought to bear on problem scenarios, with the students designing and implementing computational solutions for problem solution. Additionally it is intended that the students work in small groups to solve the problem, introducing team working topics.	<i>Learning activities:</i> Activities will be based around a given problem topic. The sessions will be computing laboratory based, led by the students, with the support of academic staff in the workshop. Students will form software development teams to develop from specification through design to implementation and research, where necessary, a solution to the given problem.	<i>Assessment:</i> Group work (100%)
4122COMP	INTRODUCTION TO INTERNET AND WEB DEVELOPMENT (20 c) Semester 2	<i>Module aim:</i> To allow the student to investigate a variety of web development technologies and practice techniques for developing dynamic websites.	<i>Learning activities:</i> A hands-on laboratory session where the student will develop their own dynamic web applications.	<i>Assessment:</i> Web application (50%) Development Report (50%)
4123COMP	PROBLEM SOLVING FOR DATA SCIENCE (20 c) Semester 2	<i>Module aim:</i> To develop skills in computational thinking that can be used to develop programs to solve subject specific problems	<i>Learning activities:</i> Learning will largely be based on practical exercises and problem solving activities. Lectures will be used to introduce topics, which will be reinforced through practical work.	<i>Assessment:</i> Design Model (40%) Software Implementation & Test (60%)
5000DACOMP	RESEARCH SKILLS (10 c) Semester 2	<i>Module aim:</i> To prepare for undertaking a dissertation or research project To understand research methods appropriate for computing disciplines To develop a research proposal underpinning a dissertation or research project.	<i>Learning activities:</i> Theory will be introduced via lectures and practical knowledge will be acquired via tutorials, laboratory exercises and coursework. This module will have online practical.	<i>Assessment:</i> Project Proposal (100%)

5010DACOMP	<p>OBJECT ORIENTED SYSTEMS DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To investigate the underpinnings of object orientated design through the unified modelling language. To implement an object oriented design with a modern language and application programming interface. To utilize a modern integrated development environment in developing object oriented program code.</p>	<p><i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained though lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning. This module will have online practical.</p>	<p><i>Assessment:</i> UML Report (40%) OO Programming (60%)</p>
5019DACOMP	<p>MOBILE AND WEB DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide knowledge of various mobile and web platforms and architectures and gain experience in designing and developing mobile and web applications.</p>	<p><i>Learning activities:</i> Learning activities will be through lectures and practical sessions where students will be encouraged to ask questions and discuss case studies. The practical sessions will be based around supported labs where students will be encouraged to put the theory gained in lectures into practice. This module will have online practical.</p>	<p><i>Assessment:</i> Web application (70%) Responsive web application (30%)</p>
5020DACOMP	<p>SECURE SOFTWARE DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To familiarise students with common software security problems and vulnerabilities, and the methods, tools and techniques that can be used during software development to prevent them, including formal techniques. To provide students with an understanding of techniques that should be applied throughout the software development lifecycle in order to improve software security.</p>	<p><i>Learning activities:</i> Students will participate in lectures, practical tutorials / lab sessions and work in groups. This module will have online practical.</p>	<p><i>Assessment:</i> Software development (80%) Presentation on security task (20%)</p>

5021DACOMP	INFORMATION ASSURANCE (20 c) Semester 2	<i>Module aim:</i> To provide a detailed understanding of the main concepts of Information Assurance. To develop an appreciation of the process of information security management, including risk analysis, control analysis and post-event security. To develop an awareness of the standards relating to information assurance within enterprise environments, including legal and compliance issues.	<i>Learning activities:</i> Students will participate in lectures, tutorials, and lab sessions. This module will be delivered online.	<i>Assessment:</i> Security Analysis (40%) Examination (60%)
5022DACOMP	DATA VISUALISATION (20 c) Semester 2	<i>Module aim:</i> To develop critical awareness of the effective presentation of results/data To develop the skills to produce effective data presentations to highlight the unique properties of specific data sets	<i>Learning activities:</i> Lectures will introduce the underpinning theories of data visualisation, while practical sessions will implement those theories in a practical manner. This module will have online practical.	<i>Assessment:</i> Data Visualisation (50%) Infographic Dashboard Developm (50%)
5023DACOMP	DATA WAREHOUSING AND MINING (20 c) Semester 2	<i>Module aim:</i> To develop an awareness of data warehouse architectures and the development, populating with appropriate data (ETL) and uses of data warehouses To develop facility in the process, tools and techniques of knowledge discovery in data warehouses	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained though lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning. This module will have online practical.	<i>Assessment:</i> Database Development (40%) Data Warehouse Development (60%)

5025DACOMP	<p>ADVANCED WEB DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To present the concepts, methods and techniques used in the development and deployment of web applications and services. To develop the concepts of multi-tier web application development, including: server-side programming, database connectivity and media rich client-side interface development. To introduce wider concepts of web applications such as: legal issues, server hardware and system optimization</p>	<p><i>Learning activities:</i> Lectures will typically include theoretical and practical components, which will prepare the student for the follow up guided lab session. Practical components will cover: web application development, system configuration and the use of media rich content. This module will have online practical.</p>	<p><i>Assessment:</i> Individual Prototype (40%) Group-based Report (60%)</p>
5100COMP	<p>RESEARCH SKILLS (10 c) Semester 2</p>	<p><i>Module aim:</i> To prepare for undertaking a dissertation or research project To understand research methods appropriate for computing disciplines To develop a research proposal underpinning a dissertation or research project.</p>	<p><i>Learning activities:</i> Theory will be introduced via lectures and practical knowledge will be acquired via tutorials, laboratory exercises and coursework.</p>	<p><i>Assessment:</i> Project Proposal (100%)</p>
5101COMP	<p>PROFESSIONAL ISSUES (10 c) Semester 2</p>	<p><i>Module aim:</i> To examine the legal, social, ethical and professional issues that are associated with working in the computing industry</p>	<p><i>Learning activities:</i> Lectures will provide theoretical knowledge of the syllabus. This will be supported by the Blackboard VLE where case studies and examples will be provided. Seminars will provide students the opportunity to formulate collective and individual approaches to solving problems.</p>	<p><i>Assessment:</i> Exam (100%)</p>

5104COMP	<p>OBJECT ORIENTED SYSTEMS DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To investigate the underpinnings of object orientated design through the unified modelling language. To implement an object oriented design with a modern language and application programming interface. To utilize a modern integrated development environment in developing object oriented program code.</p>	<p><i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.</p>	<p><i>Assessment:</i> UML Report (40%) OO Programming (60%)</p>
5105COMP	<p>DIGITAL FORENSICS (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop an understanding of the role of computer forensics analyst through the use of existing applications and investigative techniques.</p>	<p><i>Learning activities:</i> Lectures and practical work. The practical work builds on core forensic computing concepts covered in the lectures. This involves laboratory and user demonstrations of computer forensic techniques.</p>	<p><i>Assessment:</i> Forensic Investigation (50%) Exam (50%)</p>

<p>5107COMP</p>	<p>DATA STRUCTURES AND ALGORITHMS FOR GAMES (20 c) Semester 2</p>	<p><i>Module aim:</i> To study abstract data types (ADTs) and common implementations of these data types. To gain an understanding of how a game application utilises both Parallel and Sequential Algorithms. To develop applications using the Boost/STL C++ containers in order to implement games applications. To understand the application of the data-oriented design and Object-Oriented Design paradigms on Data Structures. To build on programming skills through implementation of algorithms and use of appropriate data structures in problem solving for games development. To recognise and specify how complexity of operations on these ADTs and their overall performance characteristics are affected by both the ADT in question and its implementation strategy</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on data structures and algorithms applied to computer games development. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Extending Game Using DSA (60%) Examination (40%)</p>
<p>5111COMP</p>	<p>GAME PHYSICS AND AI (20 c) Semester 2</p>	<p><i>Module aim:</i> To explain the logical foundations and graph and tree-based approaches representing decisions and paths in games. To gain knowledge of mathematically modelling characters and the environment, using intelligent agent and multi-agent systems. To explain and describe the role of mathematical principles such as numerical analysis and solvers underpinning physical simulation and dynamics. To utilise game-industry standard middleware for the implementation of both domains.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on game physics and AI. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Implementation of AI & Physics (50%) Examination (50%)</p>

5114COMP	<p>ADVANCED WEB DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To present the concepts, methods and techniques used in the development and deployment of web applications and services. To develop the concepts of multi-tier web application development, including: server-side programming, database connectivity and media rich client-side interface development. To introduce wider concepts of web applications such as: legal issues, server hardware and system optimization</p>	<p><i>Learning activities:</i> Lectures will typically include theoretical and practical components, which will prepare the student for the follow up guided lab session. Practical components will cover: web application development, system configuration and the use of media rich content.</p>	<p><i>Assessment:</i> Individual Prototype (40%) Group-based Report (60%)</p>
5115COMP	<p>DISTRIBUTED SYSTEMS (20 c) Semester 2</p>	<p><i>Module aim:</i> To assess a variety of principles, tools and techniques used for the design of distributed computer systems. To evaluate the effect of distribution, benefits and problems, on the design and implementation of computer based solutions, and to design distributed systems using appropriate tools and techniques.</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials, seminar/group work, and practical/lab sessions.</p>	<p><i>Assessment:</i> Design of a distributed system (50%) Exam (50%)</p>
5116COMP	<p>MOBILE COMPUTING (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop an understanding of the theory and practice of building modern mobile computing system. To introduce wireless communication and networking principles the support modern mobile computing systems To provide an in-depth study of the application and network requirements of mobile computing systems.</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions.</p>	<p><i>Assessment:</i> Design of a mobile system (50%) Research on mobile technology (50%)</p>

5118COMP	SECURE SOFTWARE DEVELOPMENT (20 c) Semester 2	<p><i>Module aim:</i> To familiarise students with common software security problems and vulnerabilities, and the methods, tools and techniques that can be used during software development to prevent them, including formal techniques.</p> <p>To provide students with an understanding of techniques that should be applied throughout the software development lifecycle in order to improve software security.</p>	<p><i>Learning activities:</i> Students will participate in lectures, practical tutorials / lab sessions and work in groups.</p>	<p><i>Assessment:</i> Software development (80%) Presentation on security task (20%)</p>
5119COMP	INFORMATION ASSURANCE (20 c) Semester 2	<p><i>Module aim:</i> To provide a detailed understanding of the main concepts of Information Assurance.</p> <p>To develop an appreciation of the process of information security management, including risk analysis, control analysis and post-event security.</p> <p>To develop an awareness of the standards relating to information assurance within enterprise environments, including legal and compliance issues.</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials, and lab sessions.</p>	<p><i>Assessment:</i> Security Analysis (40%) Examination (60%)</p>
5122COMP	KNOWLEDGE-BASED SYSTEMS (20 c) Semester 2	<p><i>Module aim:</i> To provide knowledge, understanding and experience on the development process, tools and techniques for producing knowledge –based and ‘intelligent’ systems.</p>	<p><i>Learning activities:</i> Lectures are aimed at providing students with fundamental concepts on knowledge-based systems, whereas seminars will cover practical aspects of the development of knowledge –based and intelligent systems. Lectures and seminars will prepare the students for the follow up guided lab session. Lab sessions will allow students to put knowledge gained in lectures and seminars into practice.</p>	<p><i>Assessment:</i> System Development (100%)</p>

5125COMP	DATA VISUALISATION (20 c) Semester 2	<i>Module aim:</i> To develop critical awareness of the effective presentation of results/data To develop the skills to produce effective data presentations to highlight the unique properties of specific data sets	<i>Learning activities:</i> Lectures will introduce the underpinning theories of data visualisation, while practical sessions will implement those theories in a practical manner.	<i>Assessment:</i> Data Visualisation (50%) Infographic Dashboard Developm (50%)
5126COMP	DATA WAREHOUSING AND MINING (20 c) Semester 2	<i>Module aim:</i> To develop an awareness of data warehouse architectures and the development, populating with appropriate data (ETL) and uses of data warehouses To develop facility in the process, tools and techniques of knowledge discovery in data warehouses	<i>Learning activities:</i> Learning activities include lectures and tutorials where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained though lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.	<i>Assessment:</i> Database Development (40%) Data Warehouse Development (60%)
5128COMP	INTERACTIVE MULTIMEDIA SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To develop a theoretical knowledge of the concepts, media types and production techniques required to build interactive digital media systems and provide an opportunity to practice that theory. To enable students to apply the principles of multimedia production and project management in digital multimedia communications projects showing an appreciation of the social, ethical and financial implications of these solutions	<i>Learning activities:</i> Formal lectures will deliver theoretical concepts while practical-based workshop sessions, which take place in computer laboratories, will be used to introduce specific techniques and methods used in the development and creation of digital media content.	<i>Assessment:</i> multimedia application dev (50%) Exam (50%)

5130COMP	MOBILE AND WEB DEVELOPMENT (20 c) Semester 2	<i>Module aim:</i> To provide knowledge of various mobile and web platforms and architectures and gain experience in designing and developing mobile and web applications.	<i>Learning activities:</i> Learning activities will be through lectures and practical sessions where students will be encouraged to ask questions and discuss case studies. The practical sessions will be based around supported labs where students will be encouraged to put the theory gained in lectures into practice.	<i>Assessment:</i> Web application (70%) Responsive web application (30%)
6012DACOMP	CLOUD COMPUTING (20 c) Semester 2	<i>Module aim:</i> To allow students to develop new advanced cloud-based software development skills and to combine their existing and new skills in a practical context.	<i>Learning activities:</i> The module will provide both lecture and practical elements. Seminar work will build on existing knowledge of distributed systems, recapping and refocussing on its application to building large scale cloud applications. The practical element will involve hands-on cloud application development using real-world cloud services. Assessment will include a practical element that will also contribute as a learning activity. This module will have online practical.	<i>Assessment:</i> Exam (50%) Report based on specification (50%)
6013DACOMP	DISTRIBUTED AND EMBEDDED SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To provide an overview of designing and engineering distributed computing systems with references to architectures, communication and synchronisation, with the practical focus on distributed embedded systems.	<i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions. This module will have online practical.	<i>Assessment:</i> Distributed software (50%) Examination (50%)

6016DACOMP	ETHICAL HACKING (20 c) Semester 2	<p><i>Module aim:</i> To gain a significant understanding of various security vulnerabilities in and cyber threats to computer systems/applications as well as the importance of cyber security.</p> <p>To assess critically a variety of ethical hacking tools and techniques for the protection and evaluation of computer systems and applications.</p> <p>To promote the use of appropriate security techniques to solve cyber security problems.</p>	<p><i>Learning activities:</i> Include attending lectures, practical sessions and tutorials, as well as reading online resources</p> <p>This module will have online practical.</p>	<p><i>Assessment:</i></p> <p>Report on Hacking Tools (40%) Hacking and Defence Scenario (60%)</p>
6017DACOMP	APPLIED CRYPTOGRAPHY (20 c) Semester 2	<p><i>Module aim:</i> To develop an understanding of various security vulnerabilities in and threats to computer networks as well as the importance of network security.</p> <p>To assess critically a variety of cryptographic algorithms and security techniques for protection of computer networks.</p> <p>To promote the use of appropriate security techniques to solve network security problems.</p>	<p><i>Learning activities:</i> Include attending lectures and tutorials, as well as reading online resources.</p> <p>This module will have online practical.</p>	<p><i>Assessment:</i></p> <p>Securing a network application (40%) Exam (60%)</p>
6018DACOMP	WEBSITE AND E-COMMERCE MANAGEMENT (20 c) Semester 2	<p><i>Module aim:</i> This module extends students abilities beyond web development to website “management” by exploring the use of analytics to monitor user interactions with websites to both improve traffic to the site and increase the conversion of such visitors to customers. While techniques such as search engine optimisation, social media marketing and A/B testing etc. are primarily explored through e-commerce systems, the same techniques are equally applicable to the majority of web offerings.</p>	<p><i>Learning activities:</i> Lectures will concentrate on the necessary theory underpinning these topics, while practical hands-on sessions will develop the capabilities to understand and use multimedia development tools appropriately.</p> <p>This module will have online practical.</p>	<p><i>Assessment:</i></p> <p>E-Commerce Website Development (100%)</p>

6021DACOMP	ADVANCED ANALYTICS (20 c) Semester 2	<i>Module aim:</i> To consolidate and extend prior learning and experience of data science by exploring predictive analytics through the application of machine learning to data sets. To build experience in the process of an analytical exercise.	<i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced analytics, while practical sessions will implement those theories in a practical manner. This module will have online practical.	<i>Assessment:</i> Descriptive Modelling Task (50%) Predictive Modelling Task (50%)
6024DACOMP	ADVANCED TOPICS IN INFORMATION SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To provide an understanding of the underlying technologies and concepts relating to advanced information systems.	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials, practicals and coursework. This module will have online practical.	<i>Assessment:</i> Information System Design (100%)
6103COMP	FORENSIC INVESTIGATORY PRACTICE (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of the role of the expert witness in trials involving computer forensics. Identify a range of appropriate methodologies and tools used during an investigation. Analysis of forensic images and preparation for presentation of results in a court of law.	<i>Learning activities:</i> Lectures and practical work. The practical work builds on core forensic computing and English law concepts covered in the lectures.	<i>Assessment:</i> Forensics report (70%) Evidence presentation (30%)
6104COMP	CLOUD AND MOBILE FORENSICS (20 c) Semester 2	<i>Module aim:</i> To develop an advanced knowledge of mobile device forensics. To gain experience of conducting forensic investigations on a range of mobile devices. To understand the organisation and operation of Cloud Computing systems. To critically assess the opportunities and restrictions of conducting cloud computing forensics.	<i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions.	<i>Assessment:</i> Mobile Phone Investigation (50%) Exam (50%)

<p>6107COMP</p>	<p>REAL-TIME RENDERING (20 c) Semester 2</p>	<p><i>Module aim:</i> To describe the architecture of graphics hardware and processing unit. To explain the interaction between a graphics API, its shader and compute language and the GPU architecture. To explain the principles of advanced computer graphics processes across the various stages of the programmable rendering pipeline. To compare and contrast algorithms used to model key aspects of photo realism in real-time. To outline the mathematical models used to represent visual phenomena such as light, colour, shadow, reflection in real-time. To illustrate how post processing techniques can be used to simulate cinematographic effects in real-time. To develop skills in advanced computer graphics operations using a modern graphical API and its shader/compute system.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on real-time rendering with demonstration. Practical – Tutor-led practical session in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Real-Time Rendering (60%) Examination (40%)</p>
<p>6108COMP</p>	<p>GAME PRODUCTION (20 c) Semester 2</p>	<p><i>Module aim:</i> To describe the principles of the game production cycle and explain the issues relating to game production and approaches to managing game project. To explain the principles and techniques of level design and provide opportunities for students to design and produce game environments with game-spaces. To provide the underpinning knowledge, concepts and techniques of digital storytelling and cinematography for production of machinima and in-game cinematics. To develop the required skills in using appropriate approaches and technologies in producing machinima and in-game cinematics.</p>	<p><i>Learning activities:</i> Lectures – to deliver the concepts, methodologies and techniques on game production and level design. Workshop – Tutor-led workshop activities which will enable the students to practice the methods and techniques to design and prototype a game level. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable workshop work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Level Design and Cinematic (50%) Examination (50%)</p>

6111COMP	ADVANCED TOPICS IN INFORMATION SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To provide an understanding of the underlying technologies and concepts relating to advanced information systems.	<i>Learning activities:</i> Formal theory will be introduced via lectures and practical knowledge will be acquired via tutorials, practicals and coursework.	<i>Assessment:</i> Information System Design (100%)
6112COMP	WEBSITE AND E-COMMERCE MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> This module extends students abilities beyond web development to website “management” by exploring the use of analytics to monitor user interactions with websites to both improve traffic to the site and increase the conversion of such visitors to customers. While techniques such as search engine optimisation, social media marketing and A/B testing etc. are primarily explored through e-commerce systems, the same techniques are equally applicable to the majority of web offerings.	<i>Learning activities:</i> Lectures will concentrate on the necessary theory underpinning these topics, while practical hands-on sessions will develop the capabilities to understand and use multimedia development tools appropriately.	<i>Assessment:</i> E-Commerce Website Development (100%)
6114COMP	INFRASTRUCTURE AND SERVICES (20 c) Semester 2	<i>Module aim:</i> To explore the network environment in modern large organisations and appreciate the complexity of the deployed infrastructure. To understand the complex interactions between network services and the holistic approach that must be adopted to strike a balance between utility and security.	<i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions.	<i>Assessment:</i> Management of Large Networks (50%) Deployment of Network Services (50%)

6115COMP	NETWORK ALGORITHMICS (20 c) Semester 2	<i>Module aim:</i> To develop an understanding on fundamental networking implementation bottlenecks and the general principles of addressing them algorithmically. To design, implement and evaluate techniques for specific bottlenecks as derived from the general principles.	<i>Learning activities:</i> Include attending lectures, practicals and tutorials, as well as reading books and handouts.	<i>Assessment:</i> Algorithm Design and Analysis (50%) Exam (50%)
6117COMP	ETHICAL HACKING (20 c) Semester 2	<i>Module aim:</i> To gain a significant understanding of various security vulnerabilities in and cyber threats to computer systems/applications as well as the importance of cyber security. To assess critically a variety of ethical hacking tools and techniques for the protection and evaluation of computer systems and applications. To promote the use of appropriate security techniques to solve cyber security problems.	<i>Learning activities:</i> Include attending lectures, practical sessions and tutorials, as well as reading online resources	<i>Assessment:</i> Report on Hacking Tools (40%) Hacking and Defence Scenario (60%)
6118COMP	APPLIED CRYPTOGRAPHY (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of various security vulnerabilities in and threats to computer networks as well as the importance of network security. To assess critically a variety of cryptographic algorithms and security techniques for protection of computer networks. To promote the use of appropriate security techniques to solve network security problems.	<i>Learning activities:</i> Include attending lectures and tutorials, as well as reading online resources.	<i>Assessment:</i> Securing a network application (40%) Exam (60%)
6120COMP	GRAPHICS AND DATA VISUALISATION (20 c) Semester 2	<i>Module aim:</i> To use computer Graphic techniques to develop data and information visualisation: To introduce the theoretical concepts of graphical display, both 2D and 3D, leading to the practical development of visualisation solutions using relevant tools and techniques.	<i>Learning activities:</i> Formal lectures will be complemented by hands-on practical laboratory sessions.	<i>Assessment:</i> Visualisation Research (50%) Application (50%)

6121COMP	PARALLEL ALGORITHMS (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to introduce the computational aspects of parallel and distributed computing and apply new techniques, methods and results from the rapidly-developing field of algorithms.	<i>Learning activities:</i> Lectures are supported by seminars.	<i>Assessment:</i> Algorithm Analysis (40%) Exam (60%)
6126COMP	ADVANCED ANALYTICS (20 c) Semester 2	<i>Module aim:</i> To consolidate and extend prior learning and experience of data science by exploring predictive analytics through the application of machine learning to data sets. To build experience in the process of an analytical exercise.	<i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced analytics, while practical sessions will implement those theories in a practical manner.	<i>Assessment:</i> Descriptive Modelling Task (50%)
6126COMP	ADVANCED ANALYTICS (20 c) Semester 2	<i>Module aim:</i> To consolidate and extend prior learning and experience of data science by exploring predictive analytics through the application of machine learning to data sets. To build experience in the process of an analytical exercise.	<i>Learning activities:</i> Lectures will introduce the underpinning theories of advanced analytics, while practical sessions will implement those theories in a practical manner.	<i>Assessment:</i> Descriptive Modelling Task (50%)
6128COMP	INNOVATIONS IN SOFTWARE DEVELOPMENT (20 c) Semester 2	<i>Module aim:</i> To investigate the role and functionality of data warehouses in support of business intelligence. To evaluate the process of extract, transform & loading in the construction of data warehouses. To investigate the differing platforms available for business intelligence reporting. To develop service oriented applications that support business intelligence dashboards.	<i>Learning activities:</i> Learning activities include lectures and practical sessions where students are encouraged to ask questions / discuss scenarios and supported labs where students are encouraged to put theory gained through lectures and tutorials into practice. Directed reading against appropriate industry and research sources further reinforces learning.	<i>Assessment:</i> Investigation concerning ETL (40%) BI Dashboard Dev (60%)

6130COMP	CLOUD COMPUTING (20 c) Semester 2	<i>Module aim:</i> To allow students to develop new advanced cloud-based software development skills and to combine their existing and new skills in a practical context.	<i>Learning activities:</i> The module will provide both lecture and practical elements. Seminar work will build on existing knowledge of distributed systems, recapping and refocussing on its application to building large scale cloud applications. The practical element will involve hands-on cloud application development using real-world cloud services. Assessment will include a practical element that will also contribute as a learning activity.	<i>Assessment:</i> Exam (50%) Report based on specification (50%)
6131COMP	DISTRIBUTED AND EMBEDDED SYSTEMS (20 c) Semester 2	<i>Module aim:</i> To provide an overview of designing and engineering distributed computing systems with references to architectures, communication and synchronisation, with the practical focus on distributed embedded systems.	<i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions.	<i>Assessment:</i> Distributed software (50%) Examination (50%)
7103COMP	ADVANCED TOPICS IN COMPUTER FORENSICS (20 c) Semester 2	<i>Module aim:</i> To develop advanced theoretical and practical research skills in computer forensics. To develop a critical appreciation of both the theoretical and practical issues in the field of computer forensics. To provide critical evaluation of research methods in the development of new computer forensics methodologies, tools, techniques and applications. To provide students with an opportunity to practise research skills, such as scientific writing, presentations, and proposal writing.	<i>Learning activities:</i> Lectures will be supported by tutorials. Students will engage in seminar sessions to present and discuss the results of their research work.	<i>Assessment:</i> Research paper (100%)

7105COMP	<p>SERIOUS GAMES AND GAMIFICATION (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide the underpinning knowledge, concepts and principles of gamification. To provide an opportunity to apply the principles and techniques of gamification to design a game-based solution to a specific domain. To be aware of the game technologies available for creation of a serious game application. To demonstrate an awareness of the serious games industry, its main practitioners and ethical issues.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theory and concepts on serious games and gamification. Workshop – Tutor-led design and development activities which will enable the students to comprehend the principles of serious game design and associated technologies for the implementation of a serious game prototype. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable workshop work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Design and critical analysis (100%)</p>
7107COMP	<p>COMPUTER SYSTEMS TECHNOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To evaluate the effect of distribution, benefits and problems, on the design and implementation of computer based solutions, using performance analysis tools. To assess critically a variety of principles, tools and techniques used for the design of distributed computer systems.</p>	<p><i>Learning activities:</i> Lectures, tutorials, directed reading of books, advanced journals, conference papers and other publications.</p>	<p><i>Assessment:</i> Distributed systems design (40%) Examination (60%)</p>

7110COMP	ADVANCED TOPICS IN NETWORK SECURITY (20 c) Semester 2	<p><i>Module aim:</i> To provide students with an opportunity to experience cutting edge development in Network Security by studying recent academic research in the area.</p> <p>To provide students with an opportunity to practise research skills, such as scientific writing, presentations, and proposal writing.</p>	<p><i>Learning activities:</i> Lectures will be supported by discursive seminar sessions. During these sessions students will also present and discuss the results of their research work.</p>	<p><i>Assessment:</i> Research paper (100%)</p>
7111COMP	RESEARCH TOPICS IN COMPUTER SCIENCE (20 c) Semester 2	<p><i>Module aim:</i> To familiarise students with current research topics in Computer Science. Develop an understanding of research approaches in Computer Science including ethics and codes of conduct.</p> <p>Develop skills in Computer Science Research paper writing.</p>	<p><i>Learning activities:</i> Learning activities will be seminar sessions based around research papers in computer science. A new topic will be introduced every two weeks followed by student-led discussions.</p>	<p><i>Assessment:</i> Research paper (80%) Presentation (20%)</p>
7112COMP	COMPUTATION THEORY (20 c) Semester 2	<p><i>Module aim:</i> To provide a rationale for the major concepts involved in computing: Investigating the underpinnings of computer systems and the concepts upon which programming languages are founded.</p> <p>To build on previous knowledge, in software development, to formalise concepts of computability and complexity.</p> <p>To synthesise problem definitions and likely computability based on common varieties of problems.</p>	<p><i>Learning activities:</i> Lectures followed by tutorial sessions.</p>	<p><i>Assessment:</i> Report (50%) Examination (50%)</p>

7114COMP	<p>USABILITY ENGINEERING (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop an understanding of Usability Engineering as a multi-disciplinary subject, with a special focus on interactivity and usability in computer systems and software development. To develop a user-focused approach to computer systems design. To develop an in-depth understanding of Usability Engineering as a multi-disciplinary subject, with a special focus on interactivity and usability in computer systems and software development. To introduce students to the latest research in HCI, and its application to new technologies.</p>	<p><i>Learning activities:</i> Lectures, seminars of research topics, self-directed study and use of appropriate tool(s), research into HCI and interrelated disciplines.</p>	<p><i>Assessment:</i> System development (40%) Examination (60%)</p>
7115COMP	<p>MULTIMEDIA COMPRESSION, STORAGE AND RETRIEVAL (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop advanced skills in multimedia data handling mechanisms. To critically analyse compression techniques and standards, particularly in relation to still and moving images as well as digitised sound. To relate advanced architectural, operating systems and networking developments to multimedia data, particularly how the timing requirements and data volumes associated with multimedia data storage, retrieval and communication dictate hardware, software and networking developments.</p>	<p><i>Learning activities:</i> Theoretical aspects of the topics are introduced in lectures. These are further discussed in tutorials and seminars and the practical application of this are explored in laboratories.</p>	<p><i>Assessment:</i> Networked multimedia (40%) Examination (60%)</p>
7116COMP	<p>SOFTWARE ENGINEERING DEVELOPMENT WORKSHOP (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide the students with an opportunity to practice the principles of structured development using a set of appropriate software engineering tools, techniques and methods, and consolidate learning from proceeding modules.</p>	<p><i>Learning activities:</i> Self-directed study and use of appropriate tool(s), research into Software Engineering and related disciplines.</p>	<p><i>Assessment:</i> System development (100%)</p>

7117COMP	<p>INNOVATIONS IN SOFTWARE (20 c) Semester 2</p>	<p><i>Module aim:</i> To investigate the role and operation of data warehouses in the field of business intelligence and to apply the process of Extract, Transform & Loading (ETL) in constructing data warehouses.</p> <p>To examine the variations in platform capability when developing mobile applications that aim to replace or augment normal applications and to relate those considerations to the development process.</p> <p>To utilize the principles of Object Orientation (OO) and the capabilities of modern Application Programming Interfaces (API) in the development of Rich Internet Applications (RIA) that strives to make software web based and thusly available as a service.</p>	<p><i>Learning activities:</i> Learning activities will be through lectures and tutorials where students will be encouraged to ask questions and discuss case studies and supported labs where students will be encouraged to put theory gained in lectures and tutorials into practice.</p>	<p><i>Assessment:</i> ETL process investigation (30%) Mobile and RIA Dev (70%)</p>
7119COMP	<p>CONSOLE GAME DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide an overview of the hardware, systems architecture and ecosystem of a modern games console and its associated development kit.</p> <p>To explain the processing models, processor taxonomies and parallel and threaded computation models that exist on modern games consoles.</p> <p>To understand the low-level processes and optimise the memory layout and processing tasks of the core game subsystems on both CPU and GPU.</p> <p>To adapt programmatic game and real-time rendering algorithms and tailor them to a console environment.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on console game development with demonstration. Practical – Tutor-led practical session with hands-on work in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Console Game Application (50%)</p>

7119COMP	<p>CONSOLE GAME DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide an overview of the hardware, systems architecture and ecosystem of a modern games console and its associated development kit. To explain the processing models, processor taxonomies and parallel and threaded computation models that exist on modern games consoles. To understand the low-level processes and optimise the memory layout and processing tasks of the core game subsystems on both CPU and GPU. To adapt programmatic game and real-time rendering algorithms and tailor them to a console environment.</p>	<p><i>Learning activities:</i> Lectures – to deliver the theoretical concepts on console game development with demonstration. Practical – Tutor-led practical session with hands-on work in the computer laboratory. Further exercises – additional exercises for students to work on in their own time. Directed learning – provides additional reading to enable practical work to be completed. Learning materials can be accessed digitally via University Virtual Learning Environment (VLE).</p>	<p><i>Assessment:</i> Console Game Application (50%)</p>
7120COMP	<p>MANAGEMENT OF E-BUSINESS (20 c) Semester 2</p>	<p><i>Module aim:</i> This module develops analytical and research skills in the area of the management of e-commerce, including the technological, business and legal aspects of such. Overall lectures in this module will provide the students with in-depth analyses of various concepts concerned with co-ordinating technological and business strategies in the process of electronically buying and selling goods, services and information that impacts individuals and businesses.</p>	<p><i>Learning activities:</i> Lectures will cover the issues mentioned in the aims and objectives above. In addition to the lectures, learning activities will be facilitated through various assignments (both individual and group), class discussion and case studies.</p>	<p><i>Assessment:</i> E-Business Prototype (50%) Research Paper (50%)</p>
7121COMP	<p>FUTURE INTERNET (20 c) Semester 2</p>	<p><i>Module aim:</i> To discuss the evolution of the current Internet toward addressing future challenges To introduce future networking paradigms and technologies and the strategies to engineer their solutions</p>	<p><i>Learning activities:</i> Students will participate in lectures, tutorials, and practical lab sessions.</p>	<p><i>Assessment:</i> Network Design Task (50%) Exam (50%)</p>

7123COMP	BIG DATA SYSTEMS (20 c) Semester 2	<p><i>Module aim:</i> To allow students to develop new advanced cloud-based software development skills</p> <p>To combine existing and new networking and software development skills in a practical 'Big Data' context</p> <p>To use real-world Cloud-based and locally administered systems to apply their knowledge to 'Big Data' problems</p>	<p><i>Learning activities:</i> Students will learn via lectures, tutorials and practical/lab sessions.</p>	<p><i>Assessment:</i> Big Data System Development (50%) Exam (50%)</p>
7124COMP	APPLICATIONS IN BIG DATA & MACHINE LEARNING (20 c) Semester 2	<p><i>Module aim:</i> The aim of this module is to complete the data science "process" by building data products that feedback and influence the real world using the results of that data science process. In doing so, students gain experience in bringing to fruition the data science process.</p>	<p><i>Learning activities:</i> Lectures will explore the practical application of the tools and techniques of data science to large scale data sets to produce tangible outcomes that feed back to the real world. Practical sessions will implement those ideas to provide experience in building useful applications using these ideas.</p>	<p><i>Assessment:</i> Machine Learning Exercise 1 (50%) Machine Learning Exercise 2 (50%)</p>
7125COMP	APPLICATIONS IN DISTRIBUTED DATABASES (20 c) Semester 2	<p><i>Module aim:</i> The aim of the module is to provide students with hands-on experience of setting up, populating and querying large scale distributed databases using de-facto industry standard tools.</p>	<p><i>Learning activities:</i> Lectures will explore the practical aspects of large scale data storage approaches Practical sessions explore and practice those ideas to provide hands-on experience in building and managing large scale data storage solutions.</p>	<p><i>Assessment:</i> Database setup and population (40%) Database application develop (60%)</p>

7127COMP	<p>DATABASE DESIGN AND TECHNOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To examine critically selected techniques for modelling the data requirements of database applications at the conceptual level. To develop and understand contemporary advanced issues of database design. For example how core concepts in databases may be applied and developed to solve research problems such as handling Big Data and Temporal Data. To develop an informed appreciation of significant, current issues and trends in database systems.</p>	<p><i>Learning activities:</i> Formal lectures will introduce core topics. Tutorials and in-class group activities will provide exercises to develop skills. Laboratory exercises using relational and object related databases.</p>	<p><i>Assessment:</i> Design and evaluation (50%) Survey paper (50%)</p>
7132COMP	<p>COMPUTER NETWORKS (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop the student's understanding of Open Networking Systems (ONS) To develop the student's understanding of Internet architecture, as a major ONS To develop the student's understanding of Telecommunications role in ONS To gain practical experience of communications protocols and architectures.</p>	<p><i>Learning activities:</i> Tutorial and Labs will support the lectures.</p>	<p><i>Assessment:</i> Computer Networks Analysis (60%) Design Investigation (40%)</p>
7133COMP	<p>NETWORK SECURITY (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop an understanding of various security vulnerabilities in and threats to computer networks as well as the importance of network security. To assess critically a variety of generic security technologies for protection of computer networks. To promote the use of appropriate security techniques to solve network security problems.</p>	<p><i>Learning activities:</i> Include attending lectures and tutorials, as well as reading books and handouts.</p>	<p><i>Assessment:</i> Design and analysis (40%) Examination (60%)</p>

7134COMP	REAL-TIME SYSTEMS (20 c) Semester 2	<p><i>Module aim:</i> To provide an in-depth study various modelling methods for real-time software systems. To develop knowledge of the selection and use of appropriate modelling methods for real-time software systems development.</p> <p>To develop practical experience in the use of modelling methods for the analysis and design of real-time software systems.</p>	<p><i>Learning activities:</i> Lectures will be followed by tutor-led practical sessions.</p>	<p><i>Assessment:</i> Real-Time Systems Model (50%) Examination (50%)</p>
7135COMP	NETWORK FORENSICS (20 c) Semester 2	<p><i>Module aim:</i> To develop a critical appreciation of both the theoretical and practical issues in the field of network forensics.</p> <p>To critically appraise the use of computer networks and their importance to computer forensics investigations.</p> <p>To develop the necessary skills, methodologies and processes to conduct a basic network forensics investigation within an organisation.</p>	<p><i>Learning activities:</i> Formal lectures will introduce core topics. Practical labs will provide an opportunity to inspect and analyse network traffic and become familiar with attack signatures.</p>	<p><i>Assessment:</i> Critical Review (50%) Forensic portfolio (50%)</p>
7137COMP	PRACTICAL SYSADMIN SECURITY (20 c) Semester 2	<p><i>Module aim:</i> To allow students to develop new advanced security skills and to combine their existing and new skills in a practical context. Students will use real-world Cloud-based and locally administered systems to apply their knowledge to.</p>	<p><i>Learning activities:</i> The module will provide both theoretical and practical elements. The theoretical work will largely build on existing theoretical knowledge, recapping and refocussing on its application to real systems. The practical element will involve hands-on system configuration and security response. Assessment will include a practical element that will also contribute as a learning activity.</p>	<p><i>Assessment:</i> Hardened system implementation (50%) Secure system design (50%)</p>

7138COMP	<p>SECURE SOFTWARE ENGINEERING (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop students' analysis skills in identifying and understanding security problems and vulnerabilities, and the methods, tools, and techniques that can be used during software development to prevent them. To develop students software development skills by applying a software development lifecycle in order to improve software security and robustness.</p>	<p><i>Learning activities:</i> Students will undertake a software engineering task involving the application of secure software development lifecycles to a software development task. As part of this task, students will be expected to complete a report that demonstrates an understanding of how software should be designed, implemented, and tested to reduce the risk of security vulnerabilities. Students will also be expected to discover, through best practice security testing techniques, and mitigate vulnerabilities in software provided to them as part of this activity. Students will participate in lectures, practical tutorials / lab sessions.</p>	<p><i>Assessment:</i> Software testing and security (100%)</p>
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Creative writing

4030CRWRI	Introduction to Poetry (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to contemporary poetry and dispel inherited myths from previous academic study.</p> <p>2. To develop students' understanding of contemporary poetry techniques, examining different forms, movements and schools of poetry.</p> <p>3. To encourage students to read as widely as possible beyond the given texts of the module.</p> <p>4. To begin to develop students' critical analysis and understanding of contemporary poetry.</p>	<p><i>Learning activities:</i> Students will be given instruction in the vital elements of contemporary and modern poetry; they will discuss their wider reading in seminars, in which they will also undertake writing activities designed to stimulate their own creative process. They will undertake close-readings of poems in order to arrive at a better understanding of craft, technique and voice.</p>	<p><i>Assessment:</i> Portfolio (50%) Essay - 1500words (50%)</p>
4031CRWRI	INTRODUCTION TO SCRIPTWRITING (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the different dramatic storytelling issues that operate in screen, stage and radio narratives.</p> <p>2. To introduce students to correct formatting practices in each of these scriptwriting forms.</p> <p>3. To introduce students to a range of stage, screen and radio genres.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops, Screenings.</p>	<p><i>Assessment:</i> Portfolio (50%) Portfolio (50%)</p>

4034CRWRI	MYTH (20 c) Semester 2	<p><i>Module aim:</i> 1. To give students a grounding in cross-cultural and trans-historical mythic structures and the ways in which they continue to inform creative writing;</p> <p>2. To facilitate the creative writing skills to develop new and original work from existing ideas and concepts;</p> <p>3. To communicate through the written word concrete ideas and abstract concepts, displaying an ability to articulate a critical understanding of Myth, negotiating critical, contextual, historical, conceptual and ethical dimensions</p>	<p><i>Learning activities:</i> Lectures, seminars, tutorials, writing workshops and visiting guest speakers. Classroom-based teaching is supported and enhanced by writing forums on the VLE.</p>	<p><i>Assessment:</i> Story & Commentary (60%) Essay (40%)</p>
5031CRWRI	TREATMENT & SCREENPLAY (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop students storytelling/narrative structural skills and to demonstrate the use of scene cards, step outlines, treatments in the development of a screenplay.</p> <p>2. To develop students understanding of dialogue function and particular requirements of the screenplay form and allow them to further explore its dramatic potential.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Portfolio (50%) Portfolio (50%)</p>
5033CRWRI	APPROACHING YOUR NOVEL (20 c) Semester 2	<p><i>Module aim:</i> 1. To distinguish between the different techniques necessary for the writing of a novel as compared to a short story;</p> <p>2. To develop an understanding of generic forms of the novel;</p> <p>3. To develop an understanding of the market for the proposed novel;</p> <p>4. To foster independent writing ability with peer workshop support;</p> <p>5. To provide practice in the production of work in a form acceptable to the publishing world.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops and preparation for class.</p>	<p><i>Assessment:</i> 1500 Word Essay (40%) 2000 word Portfolio (60%)</p>

5034CRWRI	SHORT PROSE (20 c) Semester 2	<p><i>Module aim:</i> 1. To deepen students' reading across forms of shorter prose (e.g. fiction, memoir, landscape writing) and to cultivate independent reading.</p> <p>2. To further develop the student's ability to apply the narrative techniques in prose writing.</p> <p>3. To expand the student's understanding of the range of prose writing.</p> <p>4. To foster reflective writing about their reading and writing.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops and preparation for class.</p>	<p><i>Assessment:</i> 2000 Word Short Story (60%) 1000 Word critical Essay (40%)</p>
5035CRWRI	POETRY WRITING WORKSHOP:FORM AND SUBSTANCE (20 c) Semester 2	<p><i>Module aim:</i> 1. To enable students to develop an increased awareness of the structural principles of poems, such as line, line breaks, syntax, stanza form, rhythm, metre, sound patterning, tone and narrative perspective, and to experiment with these in their own work.</p> <p>2. To enable students to develop an increased awareness of the different approaches taken by modern and contemporary poets to common subject material such as place, bodily and emotional experience, and to explore these in their own writing.</p> <p>3. To introduce students to poetry written in English from beyond the UK, and to questions of poetry and translation.</p> <p>4. To enable students to participate in workshops, to give detailed and constructive feedback on their peers' work and to receive feedback on their own work.</p>	<p><i>Learning activities:</i> Students will analyse poetic texts closely, concentrating on contemporary and modern poets and exploring the use of structural and formal techniques, poetic form, use of sound and image, and differing approaches to subject matter. They will participate in writing exercises and in workshops, giving and receiving detailed feedback on work and redrafting accordingly.</p>	<p><i>Assessment:</i> Portfolio (70%) Essay (30%)</p>

6031CRWRI	<p>PROSE PORTFOLIO 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. to further develop the student's ability to write independently, preparing the student for the singularity of a writer's life and the need to accept full responsibility for the development of a writing portfolio; 2. to develop the student's ability to organise and sustain self-run writing groups; 3. to further increase the student's ability to synthesise the techniques taught in Levels 4 and 5; 4. to further develop the ability to write to deadlines, maintaining a sense of focus in perfecting a portfolio; 5. to develop further the students' level and quality of contribution.</p>	<p><i>Learning activities:</i> Workshops, private study.</p>	<p><i>Assessment:</i> Portfolio (70%) Reflection & Presentation (30%)</p>
6032CRWRI	<p>INDEPENDENT STUDY IN CREATIVE WRITING (20 c) Semester 2</p>	<p><i>Module aim:</i> To allow students to pursue an independent project in the field of creative writing at an advanced level.</p>	<p><i>Learning activities:</i> Independent study guided by consultation with a tutor.</p>	<p><i>Assessment:</i> Essay (30%) Portfolio (70%)</p>

6036CRWRI	<p>POETRY WRITING WORKSHOP:ADVANCED POETRY 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To further enable students to develop a cohesive and substantial body of work and to submit this to appropriate magazines and competitions which tutors bring up throughout the semester 2. To enable students to conceptualise their own writing in terms of a 'poetics', and to equip them with a language which enables them to discuss the theories and ideas behind the construction of their submitted portfolio. 3. To continue to equip students with a deep and wide-ranging knowledge of contemporary poetry and equip them with the knowledge of submitting and publication they will need for the professional writing world, specific to poetry. 4. To continue to develop students' participation in workshops; moving them further into a robust, in-depth and intellectual discussion of each other's work.</p>	<p><i>Learning activities:</i> Students will analyse critical texts from poets writing about their own work and experiment with how best to articulate their own poetic practice. Students will critique and workshop the work of their peers and take part in and attend masterclasses and guest-readings from renowned poets.</p>	<p><i>Assessment:</i> Portfolio (70%) ESSAY (30%)</p>
6039CRWRI	<p>Digital Writing (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce students to a broad spectrum of digital writing projects that place text in locations real and virtual, thereby inspiring them To encourage an awareness in students of the opportunities afforded by digital technology to their own writing practices. To develop students' digital content skills enabling them to create online writing projects To introduce students to potential career paths writing on digital platforms.</p>	<p><i>Learning activities:</i> Lectures, tutorials visiting speakers and workshops. The first section of the module will introduce students to digital writing projects and through workshops introduce digital content skills, develop students' confidence and generate ideas for digital writing projects. Students will propose an idea for a digital writing project half way through the module and receive support to achieve this in the final weeks of the module.</p>	<p><i>Assessment:</i> Written Portfolio (20%) Practical Portfolio (80%)</p>

6041CRWRI	Script Portfolio (20 c) Semester 2	<p><i>Module aim:</i> 1. To further develop students' scriptwriting technique.</p> <p>2. To advise and encourage students in independent evaluation of each other's scripts, through the drafting and redrafting of a 30-45 minute film or TV series episode, radio play or stage play.</p>	<i>Learning activities:</i> Workshops	<p><i>Assessment:</i> Portfolio - Script (80%) Essay - Commentary (20%)</p>
7021SW	Ongoing Narrative (30 c) Semester 2	<p><i>Module aim:</i> 1) To introduce the concepts behind writing something that has an ongoing narrative</p> <p>2) To create a dynamic world for stories to occur in engaging, complex characters</p> <p>3) To develop the ability to sell an idea to others</p> <p>4) To create work and stories in a group setting across a vast range of different dramatic proprieties</p> <p>5) To emphasise the importance of coming up with story ideas under time pressure</p> <p>6) To outline a feature length work, using narrative theory such as the Hero's Journey and Three Act Structure</p>	<i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, wider reading independently and the discipline of writing regularly	<p><i>Assessment:</i> Presentation (15%) Portfolio 1 (55%) Portfolio 2 (30%)</p>

7021WRIT	Writers' Workshop 1 (30 c) Semester 2	<p><i>Module aim: Aims:</i></p> <ol style="list-style-type: none"> 1. To relate the readerly concerns and research of the first semester more closely to writing practice. 2. To accentuate further the importance of presenting work to professional standards and accuracy and editing to the writing process. 3. To further an original and creative voice as writers by fostering close reading and constructive criticism in a workshop setting. 4. Produce two pieces of original creative writing – with a reminder that across the course of the programme students are encouraged to attempt work in at least two genres. 5. To develop a comprehensive understanding of techniques applicable to research that enriches and advances their work, in particular the importance of the drafting process. 6. To extend the student's range in the light of workshop experience and first semester study. 6. To demonstrate the importance of self-appraisal and introduce peer appraisal 7. To emphasise the importance of self-presentation and oral skills in the writer's life by presenting ideas fluently and cogently before an audience. 	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, the residences and visits from established writers and producers and expert tutors; wider reading and the habit of writing regularly and independently.</p>	<p><i>Assessment:</i> Portfolio 1 (40%) Portfolio 2 (40%) Essay (20%)</p>
7023SW	The Importance of Rewriting and How to Do It (30 c) Semester 2	<p><i>Module aim:</i></p> <ol style="list-style-type: none"> 1) To give students the ability to reappraise their own work 2) To enrich students with screenwriting concepts to write a second draft 3) For students to write industry level script reports on peers' creative work 4) To rework, redevelop, strengthen ideas, concepts and writing of original material 5) To further develop the ability to write an original and exciting treatment 	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, wider reading independently and the discipline of writing regularly</p>	<p><i>Assessment:</i> Essay 1 (20%) Portfolio (40%) Essay 2 (20%) Presentation (20%)</p>

7023WRIT	Writers' Workshop 2 (Drafting, Editing and Appraising) (30 c) Semester 2	<p><i>Module aim:</i> 1) To further develop creative, formal, and technical skills of drafting and editing. 2) To confirm and foster an original and creative voice as writer through sustained attention on the students' own work and that of their workshop peers. 3) To exercise a practical and analytical knowledge of writerly through self and peer appraisal 4) To reinforce a comprehensive understanding of techniques applicable to research that enriches and advances their creative work. 5) To further elaborate skills of scholarly presentation, organisation communication, documentation and evaluation 6) To prepare students for individual work on their portfolio.</p>	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, the residences and visits from established writers and producers and expert tutors; wider reading and the habit of writing regularly and independently.</p>	<p><i>Assessment:</i> Essay 2 (10%) Essay 1 (40%)</p>
7023WRIT	Writers' Workshop 2 (Drafting, Editing and Appraising) (30 c) Semester 2	<p><i>Module aim:</i> 1) To further develop creative, formal, and technical skills of drafting and editing. 2) To confirm and foster an original and creative voice as writer through sustained attention on the students' own work and that of their workshop peers. 3) To exercise a practical and analytical knowledge of writerly through self and peer appraisal 4) To reinforce a comprehensive understanding of techniques applicable to research that enriches and advances their creative work. 5) To further elaborate skills of scholarly presentation, organisation communication, documentation and evaluation 6) To prepare students for individual work on their portfolio.</p>	<p><i>Learning activities:</i> Aims and outcomes are realised through lectures, workshops, tutorials, library visits, the residences and visits from established writers and producers and expert tutors; wider reading and the habit of writing regularly and independently.</p>	<p><i>Assessment:</i> Essay 2 (10%) Essay 1 (40%)</p>

Criminal Justice

4014LAWCJ	Criminal Law and Criminal Justice (20 c) Semester 2	<p><i>Module aim:</i> To provide an examination and evaluation of the links between substantive criminal law and criminal justice</p> <p>To provide understanding of the basic principles by which responsibility in the criminal law is assessed, and the socio-legal context underpinning these principles</p> <p>To provide a critical understanding of the criteria used to assess liability for a range of substantive criminal offences, and the socio-legal context underpinning these criteria</p> <p>To provide an understanding of the policies and principles which support the substantive law and the way in which it is applied in practice by criminal justice agencies</p>	<p><i>Learning activities:</i> Lectures: large group sessions in which students will receive key information on the issues covered in the module relating to criminal law, its socio-legal context, and its application in criminal justice.</p> <p>Workshops: small group sessions in which students will be expected to discuss and evaluate the key issues covered in lectures, by means of tasks and exercises, under the supervision and guidance of a tutor</p> <p>Self-study: students will be expected to undertake self-study and wider reading outside lectures and workshops. Such study is essential in assessing the level of knowledge attained by students during the module, as well as in preparation for the coursework and examination components of the module assessment (both of which will reflect the content of lectures and workshops)</p>	<p><i>Assessment:</i> 2000 word essay (50%) 2 hour online exam (50%)</p>
4019LAWCJ	Criminological Theory (20 c) Semester 2	<p><i>Module aim:</i> To provide a basis for students' understanding of major theoretical positions within criminology and how these influence developments in criminal justice.</p>	<p><i>Learning activities:</i> Lectures Workshops Independent study, critical thinking.</p>	<p><i>Assessment:</i> Seen exam (100%)</p>

4020LAWCJ	Media, Public and Criminal Justice (20 c) Semester 2	<i>Module aim:</i> To introduce students to key issues within the sphere of media, crime and criminal justice. To provide students with a fundamental understanding of the interactions and relationships that exist between the media, the public and issues of crime and justice.	<i>Learning activities:</i> Lectures Workshops Independent study: Critical reflection; note taking.	<i>Assessment:</i> Individual presentation (50%) 2000 words coursework (50%)
5018LAWCJ	Injustices in a 'Just' System (20 c) Semester 2	<i>Module aim:</i> For students to be able to demonstrate an understanding of the injustices that exist within society and the criminal justice system.	<i>Learning activities:</i> Workshop Portfolio Note taking Time management Critical reflection Independent learning Reading	<i>Assessment:</i> Reflective Portfolio (100%)
5021LAWCJ	Criminal Justice Research (20 c) Semester 2	<i>Module aim:</i> This module will 1) Introduce students to the range of research methods used within criminal justice, and the strengths and weaknesses of these approaches. 2) Provide students with an overview of the development of research and evaluation within criminal justice in the last 50 years, and why it is so important 3) Introduce students to essential techniques around writing a literature review and research proposal. 4) Allow students to consider ethical considerations around research and how these can be managed	<i>Learning activities:</i> To include: Lectures Seminars Discussion Research review/critique Independent learning Note taking Literature search	<i>Assessment:</i> 2500 words Research proposal (50%) 2500 words Literature review (50%)

5022LAWCJ	An Introduction to Penology (20 c) Semester 2	<p><i>Module aim:</i> 1. Explore the theories underpinning working with offenders in community and custodial settings</p> <p>2. Critically assess organisation and structure of custodial and community based interventions.</p> <p>3. Examine the occupational cultures of those working in custodial and community settings.</p> <p>4. Provide an insight into the tensions and dilemmas surrounding service delivery in community and custodial settings.</p> <p>5. Compare and contrast in a balanced way the strengths and weaknesses of policies relating to resettlement and through the gate provision.</p>	<p><i>Learning activities:</i> - attendance and participation in lectures and seminars</p> <p>- group work, note-taking, research/reading and active response to feedback</p> <p>- preparation for assessment including weekly note-taking on the literature</p> <p>- Use of the virtual learning environment (Blackboard)</p>	<p><i>Assessment:</i> 2.5 hour unseen examination (100%)</p>
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6012LAWCJ	YOUTH JUSTICE (20 c) Semester 2	<p><i>Module aim:</i> To critically appreciate the position of youth in society today.</p> <p>To critically examine the historical basis and development of youth justice in England and Wales.</p> <p>To critically evaluate the construction and development of youth justice policy in England and Wales, both historically and currently.</p> <p>To critically appreciate key contemporary issues at the different stages in current youth justice practice, including the impact of theory and policy on such practice.</p> <p>To develop the ability to critically analyse youth justice systems in countries outside England and Wales, and compare them to youth justice in England and Wales.</p> <p>To develop students' ability to prepare, organise and complete a pre-sentence report on a hypothetical case study.</p>	<p><i>Learning activities:</i> Lectures - listening, critical reflection, taking notes</p> <p>Workshops - preparation of exercises and arguments, reflection on others' work</p> <p>Assessed presentation - teamwork, organisation of own and others' work and activities, oral presentation of ideas and arguments</p> <p>Pre-sentence report - problem-solving, application of knowledge to a practical scenario, preparation and use of youth justice-related work skills</p>	<p><i>Assessment:</i> Group presentation - 20 mins (30%) Pre-sentence report - 3000 wds (70%)</p>
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6013LAWCJ	Victimology (20 c) Semester 2	<i>Module aim:</i> The overall aim of this module is to develop a more meaningful understanding of victims of crime and to critically explore their role and experiences within the criminal justice system. The module seeks to help students develop a critical appreciation of the conceptual development of victims and victimology as an academic discipline. It also aims to evaluate notions of victimhood and explore challenges for victim service provision. The lectures, seminars, and reading for the module will encourage engagement with competing understandings of victimhood and will seek to prompt students to begin to critically analyse learning material. Placing victims within their appropriate socio-political context will also ensure that students develop a full appreciation of, not only diverse victim experiences, but also the dynamic and multifaceted challenges facing the criminal justice system in providing satisfactory service for them.	<i>Learning activities:</i> Lectures Seminars Self-directed study	<i>Assessment:</i> 2500 word essay (50%) 2 hour exam (50%)
6014LAWCJ	Substance Use, Society and Criminal Justice (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with a broad understanding of the socio-cultural place of substance use. It will investigate different paradigms and perspectives on substance (mis)use and explore relevant drug policy. The module will also seek to provide students with a comprehension of how we practically respond to substance use via treatment interventions.	<i>Learning activities:</i> Lectures/Workshops. Independent study; critical thinking.	<i>Assessment:</i> Seen Exam (100%)

7044LAWCJ	Drugs, Alcohol and Criminal Justice (20 c) Semester 2	<p><i>Module aim:</i> To provide students with a broad critical understanding of the different paradigms and perspectives on substance (mis)use and relevant policy in relation to crime and criminal justice. This will be achieved by the module being broken down into three distinctive teaching blocks. Block 1 aims to set a critical socio-cultural scene in order for students to build up a comprehensive picture of drug and alcohol use within contemporary capitalist society. Block 2 aims to develop students understanding of drug policy and critically consider the rationale and motivations that mould policy developments within this sphere. Block 3 aims to develop students knowledge of how drug and alcohol users are responded to within a criminal justice context. This involves a detailed consideration of a number of interventions and treatment programmes that are currently utilised.</p>	<p><i>Learning activities:</i> 12 lectures 12 tutorials Dedicated assessment guidance Built environment into the teaching programme</p>	<p><i>Assessment:</i> 5000 word essay (100%)</p>
7045LAWCJ	Crime, Power and Victimization (20 c) Semester 2	<p><i>Module aim:</i> To consider various definitions of crime and the relationship between these and the various sources of power within society. To discuss and critically analyse the crimes that can occur as a result of imbalances of power in society, on individual, corporate, national and international levels. To critically analyse the responses to crimes of the powerful, both in the criminal justice process and in wider society.</p>	<p><i>Learning activities:</i> 12 lectures: listening, note-taking, critical reflection 12 tutorials: reading, discussion and presentation of material Private study: reading, researching information sources Assessment: researching, planning and writing the essay Dedicated assessment guidance Built environment into the teaching programme</p>	<p><i>Assessment:</i> 5000 word essay (100%)</p>

7046LAWCJ	Delivering Rehabilitation (20 c) Semester 2	<p><i>Module aim:</i> To critically evaluate, at an advanced level, the role and function of the prison and probation services in relation to the delivery of state punishment and rehabilitation.</p> <p>To critically reflect upon the values and principles that underpin the delivery of contemporary penal policy through the creation of the National Offender Management Service (NOMS).</p> <p>To critically scrutinise the extent to which contemporary penal policy and practice actually delivers a more systematic approach to the management of offenders.</p>	<p><i>Learning activities:</i> Teaching sessions (containing lecture and interactive seminar elements) - oral interaction and note-taking</p> <p>Self-directed study based on critical reflection of course materials provided, as well as wider reading, as preparation for participation in teaching sessions</p> <p>Preparation for the written module assessment using the two activities described above</p>	<p><i>Assessment:</i> 5000 word essay (100%)</p>
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7047LAWCJ	Youth Justice (20 c) Semester 2	<p><i>Module aim:</i> To develop an analytical approach to understanding the treatment and experiences of young people within, and at the hands of, the criminal justice system; to consider the historical basis of the youth justice system and how political influence has played a significant role in the current development of youth justice policy; and to enable</p> <p>critical comparison of youth justice policy and practice in England and Wales.</p>	<p><i>Learning activities:</i> Students will evaluate and analyse information relating to the topics. They will critically consider policy and legislation in relation to young people. Participate in discussion and group exercises to assess seriousness of offences and assess suitability of sentences.</p> <p>Students will also engage in self-directed study based upon critical reflection on course materials provided.</p> <p>Dedicated assessment guidance Built environment into the teaching programme</p>	<p><i>Assessment:</i> 5000 word essay (100%)</p>
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7048LAWCJ	The United Nations, International Security and Global Justice (20 c) Semester 2	<p><i>Module aim:</i> To introduce students to the key features of the United Nations Collective Security System.</p> <p>To enable students to understand and critically evaluate the effectiveness of the United Nations as an actor capable of contributing to international security and global justice.</p> <p>To enable students to understand and critically evaluate the various factors which impinge upon the collective security function fulfilled by the United Nations.</p> <p>The module seeks to introduce students to the work of the United Nations in the maintenance and restoration of international peace and security.</p> <p>Upon completion of the module, students will have an understanding of the legal framework which governs the work of the UN in this area, and be aware of the influence of political factors upon the operation of this framework.</p>	<p><i>Learning activities:</i> 9 Sessions, consisting of a mixture of lecture and interactive seminar elements.</p> <p>Self-directed study based upon critical reflection on course materials provided.</p> <p>Preparation for the written module assessment with one-to-one guidance.</p>	<p><i>Assessment:</i> 5000 words UN Essay (100%)</p>
7049LAWCJ	Contemporary Issues in International Criminal Justice (20 c) Semester 2	<p><i>Module aim:</i> To develop advanced knowledge and critical understanding of the theoretical concepts that underpin policy and practice with regard to issues in the delivery and maintenance of International Criminal Justice. In doing so the module explores competing methods of enacting justice and analyses the issues in dealing with, and responding to, transnational crime.</p> <p>To develop advanced and critical awareness of social and political issues which have an impact on the institutions which form part of international-level criminal justice responses and implementation strategies.</p>	<p><i>Learning activities:</i> Teaching sessions (containing lecture and interactive seminar elements) - oral interaction and note-taking</p> <p>Self-directed learning based on critical reflection on course materials provided, as well as wider reading in preparation for teaching sessions</p> <p>Critical reflection on the choice of topic which will form the subject of the written assessment for the module</p> <p>Dedicated assessment guidance Built environment into the teaching programme</p>	<p><i>Assessment:</i> 5000word Int CJ Essay (100%)</p>

7051LAWCJ	The Police, Policing and the Governance of Security (20 c) Semester 2	<p><i>Module aim:</i> The Police, Policing and the Governance of Security seeks to critically explore the complex and dynamic relationship between policing services/agents and members of the diversity of publics these organisations serve. The module seeks to help students develop a critical appreciation of the historical and conceptual development of modern policing forms, evaluate contemporary policing structures/methods/networks, and explore future challenges for service provision. The lectures, tutorial exercises and reading for the module will encourage students to engage with the evolving and multi-faceted challenges facing the workings of one of the key institutions of criminal justice, whilst also exploring the emerging ethical, moral and practical concerns raised by the increasingly powerful played by the private and quasi-private forms of policing and security management. Developing these themes further the module will draw in contributions from political theory and sociology to help generate a greater understanding of the role the police, as an organisation, in shaping notions of belonging, citizenship and identity.</p>	<p><i>Learning activities:</i> Lectures Tutorials Seminars</p>	<p><i>Assessment:</i> 5,000 word MA Policing Essay (100%)</p>
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Criminology

4103CRIM	Contemporary Issues in Criminology (20 c) Semester 2	<p><i>Module aim:</i> 1. Introduce students to a range of contemporary criminological issues and surrounding academic debates.</p> <p>2. Introduce students to key social divisions that pervade crime, harms and criminal justice.</p> <p>3. Encourage students to explore the different ways key thinkers have attempted to explain contemporary criminological issues.</p>	<p><i>Learning activities:</i> Lectures, note-taking, participatory reading, small group discussions.</p>	<p><i>Assessment:</i> 2500 words (70%) Bibliography (1500 words) (30%)</p>
4104CRIM	Researching Crime and Justice (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to a range of research methods used in criminological research, and their strengths and weaknesses</p> <p>2. To introduce students to the relationship between research, policy, and practice through the use of case studies based upon researchers' and practitioners' own experiences</p> <p>3. To emphasise the politicised nature of criminological research alongside the ethical and methodological challenges faced by criminological researchers</p>	<p><i>Learning activities:</i> A two hour lecture will be used to provide an overview of each topic on a weekly basis. From weeks 7-11, experts from within the department/faculty will deliver a guest lecture on their own research in order to ensure students can understand the political, ethical and methodological challenges posed in real-life research. In the rest of the allocated time, workshops and tutorials will be provided to ensure students can take a lead in exploring issues in more depth with their cohort. Students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for lectures, workshops, and tutorials.</p>	<p><i>Assessment:</i> Research Proposal(2,500 words) (60%) Group presentation (40%)</p>

4105CRIM	Media, Crime and Victimisation (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the main research and theoretical positions that have focused on the relationship between media and crime.</p> <p>2. To foster students' ability to evaluate and interpret media constructions and representations of crime, deviance and victimization.</p> <p>3. To encourage students to reflect upon the role played by the media in constructing and representing crime and victimisation and in creating moral panics.</p>	<p><i>Learning activities:</i> Lectures/workshops, seminars, note taking.</p>	<p><i>Assessment:</i> Reading portfolio 2,000 words (40%) Media Analysis 2,500 words (60%)</p>
5101CRIM	Criminology into Practice (20 c) Semester 2	<p><i>Module aim:</i> 1. To critically understand how criminological theory and research influences policy and practice.</p> <p>2. To critically examine the application of theory and research in developing professional practice,</p> <p>3. To draw on criminological theory and research to contextualise contemporary issues facing practitioners in criminal justice and welfare settings.</p>	<p><i>Learning activities:</i> This module is delivered via workshops (including practitioner-delivered sessions and academic-focused content) and tutorials (including opportunities for students to receive formative feedback).</p>	<p><i>Assessment:</i> Briefing Paper (2,500 words) (50%) Group Presentation(15 minutes) (50%)</p>
5103CRIM	Imagining Crime: Progressive Criminological Theory (20 c) Semester 2	<p><i>Module aim:</i> 1. To critically understand the complexities of progressive theoretical criminology.</p> <p>2. To move beyond standard 'textbook' accounts of crime, deviance and/or social control.</p> <p>3. To critically evaluate the relative strengths and weaknesses of progressive/contemporary accounts of crime and deviance in relation to their more established counterparts.</p>	<p><i>Learning activities:</i> Lectures, seminars, and directed learning tasks.</p>	<p><i>Assessment:</i> Essay (4,500 words) (100%)</p>

5105CRIM	Criminological Research Enquiry (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop critical thinking about the nature of criminological research and research problems.</p> <p>2. To critically evaluate the principles, practice, politics and ethics of quantitative and qualitative methods in criminology.</p> <p>3. To consolidate knowledge of widely used computer packages for quantitative and qualitative data analysis.</p> <p>4. To enhance skills of group-work and communication through digital video capture and classroom discussion.</p>	<p><i>Learning activities:</i> Lectures, classroom workshops, ICT workshops, fieldwork, independent study</p>	<p><i>Assessment:</i> SPSS Data File (40%) Visual Essay (60%)</p>
6101CRIM	Dissertation (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop the ability of students to critically evaluate and interrogate a body of knowledge in a manner conforming to the tenets of disciplined, lucid and critical scholarship</p> <p>2. Critically apply the literature, theory and method developed in 6100CRIM to the data generated by the student</p> <p>3. To use empirical evidence, both quantitative and qualitative to explore the relationship between this evidence and social divisions and social change.</p>	<p><i>Learning activities:</i> Original data collection, fieldwork, archival work, lectures, note taking, one-to one supervision meetings, structured activity arising from the feedback in supervision meetings, constructing draft chapters, integrating the supervisor's comments, writing the final draft.</p>	<p><i>Assessment:</i> Dissertation (9,000 words) (100%)</p>
6103CRIM	Interchange: Community-based learning (20 c) Semester 2	<p><i>Module aim:</i> 1. To work independently on a project in collaboration with a local Voluntary & Community Organisation (VCO);</p> <p>2. To apply relevant perspectives and/ or methodologies to address practical problems;</p> <p>3. To critically reflect on the issues and challenges facing your VCO within broader social/political contexts.</p>	<p><i>Learning activities:</i> Original data collection, fieldwork, one-to-one supervision meetings, regular placement time at the VCO premises, producing drafts of the client report, ongoing communication and negotiation with VCO partner, workshops, tutorials.</p>	<p><i>Assessment:</i> Client Report (6,000 words) (75%) Essay (2,000 words) (25%)</p>

6105CRIM	Victims and Justice (20 c) Semester 2	<i>Module aim:</i> 1. Explore the discourses of victims and the discipline of victimology within criminology 2. Conceptualize the place of the victim and their demands for justice within contemporary regulatory and criminal justice practices 3. Critically evaluate the role and effectiveness of victims' groups in campaigning for justice	<i>Learning activities:</i> Workshops consisting of lecture input and small group activities; IT Workshops, Tutorial (drop-in) sessions, Guest Speakers	<i>Assessment:</i> Essay (2,500 words) (50%) Visual Essay (Max 10 Slides) (50%)
6111CRIM	Human Rights (20 c) Semester 2	<i>Module aim:</i> 1. To provide a broad overview of the development of international human rights politics since the signing of the Universal Declaration 2. To examine the ideas, theories, and practical implications of human rights in a rapidly globalising world 3. To demonstrate relevance of a human rights approach to social policy development	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Essay (3,000 words) (50%) Seminar Presentation (50%)
6112CRIM	Crime, Media, Culture (20 c) Semester 2	<i>Module aim:</i> 1. To understand the interfaces between crime, media, and culture. 2. To understand a range of identifiable groups connected to notions of crime, deviance and social control as 'cultural constructs'. 3. To appreciate the growing criminological significance of various types of new, popular and entertainment media.	<i>Learning activities:</i> Lectures, Tutorials, Small Group Activities and Directed Learning Tasks.	<i>Assessment:</i> Article Review (1,500 words) (30%) Essay (3,000 words) (70%)

6117CRIM	Criminalisation, Punishment and the State (20 c) Semester 2	<p><i>Module aim:</i> 1. Critically analyse recent criminological theory examining the increasing emphasis on 'crime' and punishment in contemporary statecraft and the management of social inequalities.</p> <p>2. Utilise case studies which illustrate the growing criminalisation of social policy and intersections of punishment across the policy terrains of penology and social policy since the late 1960s.</p> <p>3. Explore the limits of the logic of punishment and the current scope of criminalisation of social problems, locating discussion within a critical consideration of social divisions and state power.</p>	<p><i>Learning activities:</i> Lectures, note-taking, participatory reading, small group discussions, structured use of media resources, structured activities, invited speakers and assessment workshops.</p>	<p><i>Assessment:</i> Essay (2,500 words) (50%) Briefing Paper (2,500 words) (50%)</p>
6119CRIM	Criminology Work Placement 2 (20 c) Semester 2	<p><i>Module aim:</i> This module aims to enable students to develop, apply and analyse the knowledge, skills and attitudes necessary to effectively and successfully undertake a Criminology related work placement</p>	<p><i>Learning activities:</i> Students will be expected to independently manage their work placements and to progress their attainment of agreed workplace objectives with support from their academic supervisor and a link worker in their placement provider. This will include undertaking regular hours at their work placement, ongoing communication and negotiation with their work placement provider; workshops and supervision.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>

<p>6120CRIM</p>	<p>Understanding and challenging Inequalities and Exclusion (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To critically analyse theoretical explanations of inequalities, social exclusion, harm and marginalisation. 2. To utilise a range of contemporary case studies to explore the experiences of excluded and marginalised groups and as a means of developing students' ability to critically apply criminological and sociological theoretical perspectives. 3. To explore the opportunities and barriers to addressing inequality and exclusion, situating discussion within historical, social and political contexts.</p>	<p><i>Learning activities:</i> Lectures, tutorials, small group activities, directed learning tasks.</p>	<p><i>Assessment:</i> ESSAY (50%) ESSAY (50%)</p>
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Dance

4262SSLN	Choreography & Performance 2 (20 c) Semester 2	<i>Module aim:</i> The module aims to enable students to further explore a variety of methods for choreography. To engage students in exploring a range of creative approaches and methods of performance. It will introduce students to research methods.	<i>Learning activities:</i> Creative laboratories Workshops Forums Tutorials Practical workshops, lectures, seminars, tutorials, sharing platforms and forums	<i>Assessment:</i> Choreography (50%) Performance (50%)
4264SSLN	Dance Techniques & the Physical Body 2 (20 c) Semester 2	<i>Module aim:</i> This module aims to provide the opportunity for students to further explore the principles of dance technique, and to present knowledge of their understanding of the physical body.	<i>Learning activities:</i> Practical sessions Lectures Seminars	<i>Assessment:</i> Practical (70%) Presentation (30%)
4267SSLN	Workshop Practices (20 c) Semester 2	<i>Module aim:</i> To provide students with the opportunity to explore skills for leading workshops with young children. To introduce students to the underlying concepts and principles in relation to delivering and evaluating dance workshops.	<i>Learning activities:</i> Lectures tutorials Practical workshops Placement	<i>Assessment:</i> Practical (60%) Evaluation (40%)
5262SSLN	Research Methods (20 c) Semester 2	<i>Module aim:</i> To prepare the student for the dance industry through the introduction to necessary research practices and methodologies and be able to select appropriate methods in relation to research topics.	<i>Learning activities:</i> Why do research?; research design; strategies; frameworks and paradigms; data collection methods; data analysis methods.	<i>Assessment:</i> Presentation (20%) Research Proposal (80%)

5264SSLN	Dance Techniques & the Physical Body 4 (20 c) Semester 2	<i>Module aim:</i> this module aims to provide the opportunity for students to further their exploration and critical application of knowledge and understanding of the physical self.	<i>Learning activities:</i> Practical sessions Lectures Seminars	<i>Assessment:</i> Assessment of Dance Technique (50%) Practical (50%)
5266SSLN	Screen and Site-Based Creative Practices (20 c) Semester 2	<i>Module aim:</i> To develop further awareness of the self as a dance creator and a critical, reflective artist within the genre of site and screen dance.	<i>Learning activities:</i> Workshops Lectures Creative laboratories Tutorials	<i>Assessment:</i> Practical (60%) Evaluation (40%)
5267SSLN	Work-Based Learning for the Dance Practitioner (20 c) Semester 2	<i>Module aim:</i> To provide an opportunity for students to further explore designing and leading dance workshops with a group of young people within a work-related setting. To enable students to design, implement and critically evaluate a short series of progressive dance workshops.	<i>Learning activities:</i> Lectures Tutorials Practical workshops Placement practice	<i>Assessment:</i> Practical (60%) Evaluation (40%)
5268SSLN	Choreography (20 c) Semester 2	<i>Module aim:</i> To further develop the students' knowledge and understanding of choreography. To further expand their creative exploration of movement vocabulary. To develop further an awareness of the self as a dance creator and a critical artist.	<i>Learning activities:</i> Workshops Lectures Seminars Creative workshops Tutorials Forums	<i>Assessment:</i> Practical (60%) Evaluation (40%)
6264SSLN	Dance Techniques & the Physical Body 6 (20 c) Semester 2	<i>Module aim:</i> To further enhance their critical analysis and application of knowledge of the physical self within dance technique. To further develop their coherent technical artistry and identity in preparation for the industry.	<i>Learning activities:</i> Practical sessions Lectures Tutorials	<i>Assessment:</i> Continuous Assessment (50%) Practical (50%)

6267SSLN	Teaching & Facilitating (20 c) Semester 2	<i>Module aim:</i> To provide students with a systematic understanding of key aspects of teaching and learning in relation to themselves as a dance practitioner with a client of their choice. To provide opportunities for students to manage their own learning in a work-related learning environment. To engage students in designing, implementing and evaluating a series of dance workshops.	<i>Learning activities:</i> Lectures Tutorials Practical workshops Placement	<i>Assessment:</i> Practical (60%) Presentation (40%)
6268SSLN	Performance & Technology (20 c) Semester 2	<i>Module aim:</i> To provide opportunities for students to investigate how technology can be used creatively with movement and dance. To enable students to explore the relationship of dance with digital technology in intermedial settings, and in a variety of performance environments. To introduce them to some of the practices currently in the dance industry currently using technology.	<i>Learning activities:</i> Practical workshops IT workshops Lectures Seminars Tutorials IT support sessions	<i>Assessment:</i> Practical (60%) Presentation (40%)
7203SSLN	Independent Negotiated Project (30 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the opportunity to negotiate a part of their programme and to present an individually designed piece of work.	<i>Learning activities:</i> The module will be delivered using a series of lectures, supported by student-led seminars. Students will also have one-to-one tutorials to support the assessment.	<i>Assessment:</i> Portfolio (100%)

7204SSLN	Dance Professional Practice 2 (30 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the opportunity to follow their own investigation into their professional practice, either as a dance creator or dance facilitator; to interrogate their own professional practice and to define their individual focus of professional artistic endeavour.	<i>Learning activities:</i> Practical workshops dominate the module. Lectures and shared choreographic laboratories will lead students to develop observational, evaluative skills. Seminars and tutorials will prepare students in defining their Professional Project Proposal, as well as to develop their presentation skills and to introduce them to viva voce examination.	<i>Assessment:</i> Portfolio (100%)
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Data science

7020DATSCI	Research Methods in Data Science (20 c) Semester 2	<i>Module aim:</i> The module aims to equip students with the research skills necessary to undertake their dissertation project, including the preparation of a research proposal or business case for the activity (depending on the academic/industrial context), consideration of ethical and legal issues, literature review, oral and written presentation skills and project management.	<i>Learning activities:</i> Lectures Seminar discussions Peer to peer presentations Directed Reading Literature searches Writing Assignments	<i>Assessment:</i> Class Test (50%) Project Proposal (50%)
7021DATSCI	Data Mining (20 c) Semester 2	<i>Module aim:</i> The module aims to develop skills in data mining, using methods from computational learning theory and artificial intelligence to extract previously unknown relationships from large data sets.	<i>Learning activities:</i> Lectures Seminar discussions Directed Reading Computer based exercises	<i>Assessment:</i> Report based on data mining (50%) Examination (50%)
7022DATSCI	Big Data Analysis (20 c) Semester 2	<i>Module aim:</i> The module aims to develop skills in big data analysis, including techniques of dimensionality reduction and the application of statistical and machine learning models. In addition it aims to develop the key skill of working with experts from other domains.	<i>Learning activities:</i> Lectures Seminar discussions Directed Reading Computer based exercises	<i>Assessment:</i> Report on big data analysis (40%) Examination (60%)

Drama

4023DRAMA	Theatre: The Big Ideas (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to a range of contemporary and historical theoretical perspectives on performance and playtexts 2. To extend students' critical and theoretical vocabularies 3. To offer students an early opportunity to present argument in an appropriate and scholarly manner	<i>Learning activities:</i> Lectures, seminars	<i>Assessment:</i> Individual blog (100%)
4024DRAMA	Acting the Text (20 c) Semester 2	<i>Module aim:</i> 1. To develop and nurture acting skills through research and performance 2. To identify practical and cognitive strategies for performing a text 3. To recognise the provenance of an extant text within a cultural/historical context	<i>Learning activities:</i> Workshops, Seminars, Rehearsals, Production, Evaluative Skillset viva	<i>Assessment:</i> Presentation (100%)
4025DRAMA	Collaborative Playmaking (20 c) Semester 2	<i>Module aim:</i> 1. To nurture students' understanding of the opportunities and challenges of creating devised performance. 2. To foster each individual student's ability to report, within a group, on the making of devised work. 3. To develop practical skills in the creation of devised performance, particularly in the formation of structures and the treatment of themes.	<i>Learning activities:</i> Workshops; supervised rehearsal; report and feedback; performance.	<i>Assessment:</i> Group report (30%) Performance (70%)

5020DRAMA	The Drama Specialist (20 c) Semester 2	<i>Module aim:</i> 1. To activate and extend students' awareness of the practical processes involved in creating in a specialist area of Drama 2. To establish and maintain an understanding of the particular conventions and stylistic approaches within the chosen Drama specialism 3. To develop student competencies in the language and practice of the specialist area	<i>Learning activities:</i> Seminars, Workshops, Tutorials, Group/Solo practical work	<i>Assessment:</i> Self-generated performance (70%) Journal (30%)
5021DRAMA	Creating Theatre (20 c) Semester 2	<i>Module aim:</i> 1. To engage students in the techniques and processes associated with adaptation and devising for the stage 2. To facilitate students to produce new work for theatrical performance 3. To equip students with the appropriate skills to enable creative work in a collaborative environment 4. To equip and facilitate students' capacity for peer and self-evaluation	<i>Learning activities:</i> Workshops, seminars, tutorials	<i>Assessment:</i> Report (30%) Reflection (70%)
5023DRAMA	Performance: The Big Ideas (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to a range of contemporary performance forms and practitioners. 2. To develop students' ability to write coherently about contemporary performance.	<i>Learning activities:</i> Lecture; seminar; theatre visit; tutorials.	<i>Assessment:</i> Essay - 4500 words (100%)
6021DRAMA	Drama Reflection (10 c) Semester 2	<i>Module aim:</i> 1. To encourage the student to evaluate his/her experience of studying at an undergraduate level 2. To facilitate the development of a career plan 3. To interrogate the landscape of employment and develop strategies for employability Learning Outcomes	<i>Learning activities:</i> Tutorials, vivas.	<i>Assessment:</i> Viva (100%)

6024DRAMA	Drama Festival (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with the opportunity to make a significant contribution, by means of a specific function, to a creative ensemble in the production of works of theatre 2. To consolidate students' artistic, technical and administrative abilities and skills in the context of a public festival of theatre 3. To facilitate and consolidate students' ability to work autonomously as theatre practitioners	<i>Learning activities:</i> Tutorials, rehearsals, creative workshops, performance	<i>Assessment:</i> Festival Contribution (100%)
7004MT	Specialist Crafts (30 c) Semester 2	<i>Module aim:</i> 1. Develop mastery of one or more specialist crafts to professional standard related to the creation and performance of musical theatre 2. Enhance knowledge of aspects of the business and employment market directly related to respective crafts; 3. Identify personal professional development needs and strategies for activating them.	<i>Learning activities:</i> Seminars, Workshops.	<i>Assessment:</i> Creative Portfolio (80%) Statement (20%)
7005MT	Musical Theatre Laboratory 2 (Ensemble) (30 c) Semester 2	<i>Module aim:</i> 1. Share enhanced knowledge and mastery of individual craft through performance or other form of public presentation; 2. Collaborate to professional standard in the design and delivery of a mini-Festival of events, taking at least one significant production role; 3. Evaluate and orally articulate personal practice in the context of individual professional development and ensemble/production collaborations.	<i>Learning activities:</i> Seminars, Workshops.	<i>Assessment:</i> Oral Exam (20%) Presentation (80%)

Education

4202EDSTUD	Education and Society (20 c) Semester 2	<i>Module aim:</i> To introduce students to key concepts and debates in the philosophy and sociology of education To provide students the opportunity to apply these to debates about the role of education in society.	<i>Learning activities:</i> Lectures, seminars, small group activities, blended learning and debates.	<i>Assessment:</i> Portfolio (100%)
4203EDSTUD	Snapshots of Education (20 c) Semester 2	<i>Module aim:</i> To provide students with an understanding of the history and development of the British education system, using a case study approach.	<i>Learning activities:</i> Lectures, seminars, small group activities and debates.	<i>Assessment:</i> Poster (40%) Essay (2500 words) (60%)
4204ECS	Perspectives of Children and Childhood (20 c) Semester 2	<i>Module aim:</i> To enable students to develop their knowledge and understanding of children and childhood from a range of perspectives, and to reflect on sociological, historical, cultural, philosophical economic and political influences.	<i>Learning activities:</i> Lectures Discussions Video clips Data analysis Practical applications Blackboard support activities.	<i>Assessment:</i> Presentation (15 minutes) (50%) Essay (2,000 words) (50%)
4205ECS	Early Childhood Studies; Student Inquiry (Part 2) (20 c) Semester 2	<i>Module aim:</i> To enable students to develop their understanding of key issues, perspectives, concepts and their inter-relationships within ECS through exploratory and research visits, observation, reflection, peer discussion, guided learning and self-directed independent learning. Students will also develop their core academic skills.	<i>Learning activities:</i> Lectures, seminars, PLG discussions/debates, group exercises/ work, Blackboard activities, reflective writing, peer review, reading, private study and research.	<i>Assessment:</i> Portfolio of Tasks (100%)

4206ECS	Pedagogical Approaches (Part 2) - Sustainability; Democracy, Participation & Social Justice (20 c) Semester 2	<i>Module aim:</i> This module builds upon 4203ECS Pedagogical Approaches (Part 1) - Working with Babies, Young Children and Families. Students will be introduced to the research area surrounding Education for Sustainability and understand the origins of the research and philosophy surrounding.	<i>Learning activities:</i> The module will be taught through a combination of lectures, workshops, seminars, tutorials and discussions related to ECS associated field trips. Sessions will focus on the integration of theory and practice and the impact this has upon work with babies, young children and families. The sessions will encourage participative and applied approaches to learning to help students to understand the terms associated with education for sustainability used to support inclusion and anti- bias approaches.	<i>Assessment:</i> Report (Equiv. to 4,500 words) (100%)
4213EDSTUD	Special Educational Needs and Inclusion (20 c) Semester 2	<i>Module aim:</i> The module aims to provide students with knowledge and understanding of the differing educational provision for people with special educational needs/disabilities and the role of the Special Educational Needs Coordinator (SENCO).	<i>Learning activities:</i> Lectures, group work, Blackboard, student directed activity	<i>Assessment:</i> Presentation (40%) Essay (60%)
4222EDSTUD	Key Early Education Principles (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to introduce early year's students to key historical pioneers and how they influenced current practice. The module looks to develop student knowledge of the principles of early years education and their understanding of how these principles are applied by early educators (including parents).	<i>Learning activities:</i> Lectures, workshops, Blackboard activities, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Group Presentation of Poster (40%) Essay (60%)

5204ECS	Exploring Health Literacies within Early Childhood (20 c) Semester 2	<i>Module aim:</i> The module aims to prepare students to empower children to make informed decisions about their own health and, where possible, to act upon those decisions.	<i>Learning activities:</i> Lectures, seminars, group work and problem-solving, independent study	<i>Assessment:</i> Presentation (15 minutes) (50%) Annotated bib (2,000 words) (50%)
5204EDSTUD	Education, Equality and Social Justice (20 c) Semester 2	<i>Module aim:</i> To examine the development of the concept of ethics and justice. To critically evaluate the dynamic relationship between education, social justice and equality.	<i>Learning activities:</i> This module will be taught through a combination of lectures, seminars and group work. Lectures will formally introduce students to the subject matter. Seminars and group work will enable students to clarify and discuss various aspects of their ideas around the subject. Blackboard, private study and independent reading.	<i>Assessment:</i> Essay, Plan & Rationale (30%) Essay (70%)
5205ECS	Professional Approaches within Early Childhood Studies (20 c) Semester 2	<i>Module aim:</i> To provide students with a knowledge of social policy in the UK and how it relates to professional practice with babies, young children and families.	<i>Learning activities:</i> Lectures, Workshops, Group Tutorials, Blackboard Activities	<i>Assessment:</i> Case Study (100%)

5205EDSTUD	Contemporary Issues for Young People (20 c) Semester 2	<i>Module aim:</i> To provide students with an introduction to the nature and importance of the concept of youth To develop a critical understanding of the nature, causes and effects of problems, issues and concerns experienced by young people. To analyse the role of government legislation and initiatives in dealing with the issues faced by young people.	<i>Learning activities:</i> Lectures, seminars, group work, Blackboard activities, reading, private study and Research, pair work to prepare assignment	<i>Assessment:</i> Paired Report (100%)
5206ECS	Exploring Early Years Curricula within ECS: Pedagogical approaches for sustainability (20 c) Semester 2	<i>Module aim:</i> This module will build upon the knowledge and skills gained from the level 4 ECS modules. The aim of the module is to explore the four National Early year's curricula within the UK and develop an awareness of pedagogical approaches for learning. Students will engage with historical and current developments in relation to Education for Sustainability within Early Childhood Education.	<i>Learning activities:</i> Lectures Workshops Independent research Field trip	<i>Assessment:</i> Planning Document (100%)
5207EDSTUD	Project Design & Implementation in Education (20 c) Semester 2	<i>Module aim:</i> Students will be provided with the opportunity to design, develop and implement a project or a set of project activities related to a real-world setting relevant to their future career choice. The module will build upon the student's PDP and provide opportunities for them to reflect upon their own development and future work related targets	<i>Learning activities:</i> This module is delivered through a series of workshops and peer learning group sessions in addition to an extended work related placement or project.	<i>Assessment:</i> Portfolio (100%)

5208EDSTUD	Developing Employability Skills Through Work Based Learning (20 c) Semester 2	<i>Module aim:</i> Students will be provided with the opportunity to undertake a work placement in a specific setting relevant to their future career choice. The module will build upon the student's PDP and provide opportunities for them to reflect upon their own development and future work related targets	<i>Learning activities:</i> This module is delivered through a series of workshops and peer learning group sessions in addition to an extended work related placement or project.	<i>Assessment:</i> Portfolio (100%)
5212EDSTUD	Supporting the Individual and the Family (20 c) Semester 2	<i>Module aim:</i> This module aims to develop students' understanding of the impact of disability upon families where a member has a disability or life limiting condition. The roles and responsibilities of a range of professionals who work with and support individuals and families will be explored.	<i>Learning activities:</i> Lectures, group work, on line activities, visiting speakers, tutorials	<i>Assessment:</i> Presentation (50%) Essay (50%)
5223EDSTUD	Creativity and Discovery Learning in the Early Years (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to explore practical and theoretical knowledge and understanding of creativity and how it can be supported in the Early Years.	<i>Learning activities:</i> Practical workshops, off site visits, lectures, group and individual tutorials, Blackboard activities and directed reading, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Group Presentation (40%) Portfolio of Task (60%)
5224EDSTUD	Atypical Development and Disability in the Early Years (20 c) Semester 2	<i>Module aim:</i> This course will help students to develop an understanding of atypical development, disability and specific educational needs in the early years.	<i>Learning activities:</i> Lectures, seminars, debates, Blackboard activities and directed reading, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Group Presentation (50%) Essay (50%)

6204ECS	Working Therapeutically within Early Childhood Studies (20 c) Semester 2	<i>Module aim:</i> To provide students with a knowledge and understanding of therapeutic practice with children and their carers in the UK	<i>Learning activities:</i> Lectures, Workshops, Group Tutorials, Blackboard Activities	<i>Assessment:</i> Essay 4,500 words (100%)
6205ECS	Social Work within Early Childhood Studies (20 c) Semester 2	<i>Module aim:</i> To provide students with a knowledge of social work with children and families in the UK.	<i>Learning activities:</i> Lectures, Workshops, Group Tutorials, Blackboard Activities	<i>Assessment:</i> Case Study 4,500 words (100%)
6206ECS	Global Dimensions: Sustainable Futures Across Early Years Curricula (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to bring together two critical areas of research in order to explore and extend research inquiries around relationships and responsibilities that can shape more sustainable futures. Research studies into early childhood education have confirmed the importance of these formative years in the formulation of identity, willingness to learn, as well as engagement with the world. Students will develop their understanding of Education for sustainability considered within 5206ECS and students are encouraged to engage in systematic personal inquiry in order to document their understanding of the terminology from an international perspective.	<i>Learning activities:</i> Formal lectures, group discussions and debates within lecture sessions, individual and group tasks, directed independent activities, directed reading and individual research.	<i>Assessment:</i> Presentation (15 minutes) (50%) ESSAY (2,500 words) (50%)

6207EDSTUD	Education in Fiction, Film and the Media (20 c) Semester 2	<i>Module aim:</i> To provide students with the opportunity to explore how education has been represented in fiction, film and the media To consider the implications of these representations for educational thought and practice	<i>Learning activities:</i> Learning will take place via interactive workshops. Students will be expected to take an active part in workshop activities include debate, discussion, group work and presentations. Weekly reading will accompany each workshop.	<i>Assessment:</i> Group Presentation (50%) Written Coursework (50%)
6208EDSTUD	Informal and Non-formal Education (20 c) Semester 2	<i>Module aim:</i> To provide students with the opportunity to critically engage with a range of informal and non-formal educational practices. This includes consideration of the social, political and cultural significance of these forms of educational provision.	<i>Learning activities:</i> Learning for the module will take place in the form of interactive workshops. Students will be expected to take a full part in workshop activities including group work, presentations, discussion and debates. Weekly reading will be provided to inform the workshop activities and discussion.	<i>Assessment:</i> Written Coursework (100%)
6209EDSTUD	Supporting Vulnerable Children and Young People in Education (20 c) Semester 2	<i>Module aim:</i> The module aims to develop students understanding and knowledge of the issues and potential consequences vulnerable children and young people may experience in education.	<i>Learning activities:</i> Lectures; workshops; tutorials	<i>Assessment:</i> Group Presentation (50%) Literature Review (50%)
6213EDSTUD	Mental Health and Wellbeing (20 c) Semester 2	<i>Module aim:</i> This module aims to develop students' understanding of the issues and factors that impact upon the mental health and well-being of individuals.	<i>Learning activities:</i> Lectures, workshops, seminars, blackboard, student directed activity	<i>Assessment:</i> Portfolio (100%)

6223EDSTUD	Philosophy with Children (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to provide an opportunity for students to learn more about the theory and methods for facilitating children's thinking and supporting their philosophical enquiry.	<i>Learning activities:</i> Lectures, seminars, workshops, debates, Blackboard activities, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Presentation (40%) Essay (60%)
6224EDSTUD	Drama and Imagination in the Early Years (20 c) Semester 2	<i>Module aim:</i> This module aims to provide a practical and theoretical exploration of the role and relationship between imagination and drama in educational practice.	<i>Learning activities:</i> Workshops, lectures, Blackboard activities, group and individual tutorials, independent reading and research and private study.	<i>Assessment:</i> Individual Presentation (50%) Essay (50%)
6232EDSTUD	Mathematics in Historical, Cultural and Educational Contexts (20 c) Semester 2	<i>Module aim:</i> To explore aspects of the history of mathematics and how these influence current mathematical thinking. To explore issues in mathematics education, teaching and learning.	<i>Learning activities:</i> Lectures, guided reading, group-working research	<i>Assessment:</i> Portfolio (100%)
7002ECSMA	Early Childhood Education Curricula in an International Context (20 c) Semester 2	<i>Module aim:</i> To develop a critically reflexive lens in exploring ideologies within a framework of curriculum theory in an international context.	<i>Learning activities:</i> Workshops Guest lectures Online forum contribution Tutorials	<i>Assessment:</i> Portfolio of Tasks (100%)

7002EDGLOB	Competing Philosophies of Education (20 c) Semester 2	<i>Module aim:</i> The module aims to provide students with: A sense of the breadth of issues that concern philosophers of education and the range of views that philosophers of education have taken on these issues. An introduction to important debates and traditions within the philosophy of education as a discipline and how these relate to on-going issues in globalization and social change.	<i>Learning activities:</i> This module will be delivered via a combination of seminars, workshops and tutorials	<i>Assessment:</i> Portfolio (100%)
7003ECSMA	Democracy and Participation in Early Childhood Education (20 c) Semester 2	<i>Module aim:</i> To develop a critical understanding of the rationale, issues and debates related to enhancing the democratic participation of diverse groups of young children in a range of education and care contexts in order to plan for future research and practice.	<i>Learning activities:</i> Workshops Online sources / tasks Tutorials Guest speakers	<i>Assessment:</i> Presentation (25%) Literature Review (75%)
7004EDGLOB	Educational governance (politics, power & education) (20 c) Semester 2	<i>Module aim:</i> The module aims to provide a critical perspective of different systems of educational governance within the context of political, cultural, social and economic influences. The module also examines the sources and use of power within educational settings.	<i>Learning activities:</i> This module will be taught through a combination of lectures, seminars and group work. Lectures will formally introduce students to the subject matter. Seminars and group work will enable students to clarify and discuss various aspects of their ideas around the subject. Blackboard, private study and independent reading	<i>Assessment:</i> Portfolio (100%)

7005ECSMA	Global Issues, Childhoods and Education (20 c) Semester 2	<i>Module aim:</i> To critically examine contemporary global issues affecting children and their families drawing on key debates in education and care.	<i>Learning activities:</i> The workshops will aim to promote discussion, analysis and provide a critical overview of policy and research on issues affecting children and their families globally. Students will take responsibility for identifying and reviewing key literature on policy, practice to present and discuss with the group. Formative sessions will allow students and tutors to engage in a peer review of proposed focus for their case study.	<i>Assessment:</i> Case Study (100%)
7005EDGLOB	Adult and Continuing Education & Lifelong Learning (20 c) Semester 2	<i>Module aim:</i> The course aims to enable students to: Critically analyse a range of approaches to adult and continuing education and lifelong learning. Develop a critical understanding of the impact of cultural contexts in shaping the form and content of adult and continuing education.	<i>Learning activities:</i> Lectures for key concepts Seminars Workshop Emphasis on visual and oral presentation of material	<i>Assessment:</i> Panel Discussion (70%) Rationale (30%)
7006EDGLOB	International Practice of Education (20 c) Semester 2	<i>Module aim:</i> This module will enable students to: Critically explore the diversity of approaches taken to organising and providing education across Europe and beyond. This will be achieved through both academic study and practical experience.	<i>Learning activities:</i> Lectures and seminars including discussion and analysis of research studies and literature.	<i>Assessment:</i> Reflective Report (100%)

Electrical/electronic engineering

4175CSD	The Digital Platform & Cyberspace Technology (20 c) Semester 2	<i>Module aim:</i> The digital platform describes and defines the landscape within which much of the social media and lifestyle management environment exists. This module will explore that landscape and how apps and devices communicate and manage information and data in cyberspace.	<i>Learning activities:</i> A series of structured lectures, tutorials and practical tasks will provide a varied range of learning activities.	<i>Assessment:</i> Report (70%) Lab (30%)
4176CSD	Designing Software Apps (20 c) Semester 2	<i>Module aim:</i> This module aims to provide a thorough understanding of the principles of programme design. This module goes on to introduce the fundamental principles of how to design apps that are functional, effective and attractive. Mobile devices and smartphones have become the de facto vehicle for apps. The module will also explore the design of apps within the Android environment. The module will develop students' practical programming capability to build mobile based applications and generate effective user and technical documentation.	<i>Learning activities:</i> A series of structured lectures and practical tasks will provide a varied range of learning activities.	<i>Assessment:</i> Report (70%) Lab (30%)
4203AMP	Audio Production Technology (20 c) Semester 2	<i>Module aim:</i> To provide a solid understanding of the concepts upon which audio production is achieved	<i>Learning activities:</i> Lectures supporting the practical sessions. There are also demonstrations of the practical work. Student work groups are also included in the activities.	<i>Assessment:</i> Technical specification (50%) Build and test (50%)

4205AMP	Sound Technology (20 c) Semester 2	<i>Module aim:</i> To introduce the principles of sound systems and sound waves, which can be applied to a wide range of acoustics and audio subjects.	<i>Learning activities:</i> Attend all lectures, tutorial and practical sessions. Engage with on-line learning materials via Blackboard. Research and produce the output for the practical assignment	<i>Assessment:</i> Room & equipment calculations (70%) Acoustics (30%)
4206AMP	Radio and Podcasting (20 c) Semester 2	<i>Module aim:</i> Maintain and extend a sound theoretical approach to the application of radio production and its technology in practice. Use a sound methodological approach to audio editing. Identify, review and select techniques, procedures and methods to undertake editing tasks. Plan for effective project implementation and deployment of edited work via radio outlet	<i>Learning activities:</i> Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Written Pitches for delivery (30%) Production of Documentary/Show (70%)
4209AMP	Introduction to Post Production (20 c) Semester 2	<i>Module aim:</i> Maintain and extend a sound theoretical approach to the application of technology in audio video post-production practice. Use a sound methodological approach to video editing. Identify, review and select techniques, procedures and methods to undertake editing tasks. Plan for effective project implementation of edited work.	<i>Learning activities:</i> Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Portfolio (100%)
4302ELE	Microprocessors and Software (20 c) Semester 2	<i>Module aim:</i> Provide an overview of the operation of modern microprocessors/microcontrollers and the mechanisms used to represent and process information. Design and implement applications written in both low level and high level languages.	<i>Learning activities:</i> Lecture, demonstration and practical activities applying topics discussed.	<i>Assessment:</i> Exam (70%) Application design (30%)

4304ELE	Digital and Analogue Electronics (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to transistors and the small-signal equivalent circuits, the use of operational amplifiers and the operation of combinational and sequential digital logic circuits.	<i>Learning activities:</i> A combination of lectures and practical work.	<i>Assessment:</i> Exam (70%) Portfolio (30%)
4316ELE	Engineering Mathematics 1b (10 c) Semester 2	<i>Module aim:</i> To provide a foundation in engineering mathematics for its application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> Online Assessment (100%)
5176CSD	Smart Device Project (20 c) Semester 2	<i>Module aim:</i> To enable students to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences with an emphasis upon the systematic thinking, planning and execution required of engineers in a modern professional environment. The students will be required to design build and test an electronic product to a given specification.	<i>Learning activities:</i> Students will be split into two groups and undertake a supervised laboratory session every fortnight. Lectures and tutorials will take place in the weeks between lab sessions.	<i>Assessment:</i> Project Development (60%) Lit Review/project plan (40%)
5203AMP	Live Performance Operations (20 c) Semester 2	<i>Module aim:</i> To consolidate and extend knowledge of technical operations in the broadcast media and creative industries, with specific regard to the additional challenges encountered in technical management of live performances.	<i>Learning activities:</i> Attend all lectures, tutorial and practical sessions. Engage with on-line learning materials via Blackboard. Research and produce the output for the practical assignment	<i>Assessment:</i> Stage Set-up (80%) Reflective report (20%)

5204AMP	Broadcast Studio Operations (20 c) Semester 2	<i>Module aim:</i> To introduce students to professional technical practices and equipment as used in broadcast media and creative industries, including: managing and organising tasks, people and resources; working to specifications; and applying safe systems of work	<i>Learning activities:</i> Attend all lectures and practical sessions. Engage with on-line learning materials via Blackboard. Research and produce the output for the practical assignment	<i>Assessment:</i> Production - Studio Radio Prog (50%) Production - Studio TV Prog (50%)
5205AMP	Sound for TV, Film and Games (20 c) Semester 2	<i>Module aim:</i> To introduce students to audio equipment used in TV & Film recording, and the practical issues arising from location and studio recording. To gain experience of both hardware and software audio devices deployed in digital audio recording for TV, Film and gaming industries	<i>Learning activities:</i> Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Foley, ADR and music tracks (50%) Audio soundtracks (50%)
5209AMP	CGI and Special Effects (20 c) Semester 2	<i>Module aim:</i> To provide the student with a competency in a state of the art software animation/effect package. To develop techniques for video editing and post production	<i>Learning activities:</i> Lectures, Practical sessions and demonstrations.	<i>Assessment:</i> CGI related material (100%)
5301ELE	Digital and Embedded Systems (20 c) Semester 2	<i>Module aim:</i> The module aims to broaden the students' knowledge and understanding of digital circuit design, and examines modern microcontroller architectures and the interface requirements to external systems. It also aims to provide students with practical skills necessary to design, analyse and implement electronic circuits controlled by microcontrollers and finite state machines	<i>Learning activities:</i> Lecture, demonstration and practical activities applying topics discussed.	<i>Assessment:</i> Exam (70%) D&E Systems Assignment (30%)

5302ELE	Electric Machines (20 c) Semester 2	<p><i>Module aim:</i> This module is intended to achieve the following programme aims within the field of Electrical Engineering</p> <p>To further develop circuit analysis skills relating to three-phase ac circuits.</p> <p>To introduce the three-phase power system and transmission lines.</p> <p>To enhance knowledge and understanding of the broad scientific and technological principles underpinning operation of rotating electrical machinery and transformers.</p> <p>To develop understanding of the steady-state operating principles of single-phase, three-phase transformers, DC and AC machines rotating machines.</p> <p>To rehearse practical skills in the use of mathematical methods for modelling and analysing problems, and the use of relevant test and measurement equipment by undertaking experimental laboratory work.</p>	<p><i>Learning activities:</i> A series of lectures tutorials and practical lab sessions</p>	<p><i>Assessment:</i> Exam (70%) Practical lab report (30%)</p>
5306ELE	Electrical Engineering Practice 2 (20 c) Semester 2	<p><i>Module aim:</i> To enable students to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences with an emphasis upon the systematic thinking, planning and execution required of engineers in a modern professional environment. The students will be required to design build and test an electronic product to a given specification. The product will incorporate elements covered elsewhere on the course, including analogue electronics and a programmable device such as a microcontroller or FPGA.</p>	<p><i>Learning activities:</i> Students will be split into two groups and undertake a supervised laboratory sessions every fortnight, lectures and tutorials will take place in the weeks between lab sessions.</p>	<p><i>Assessment:</i> Project Development (60%) Lit Review/project plan (40%)</p>

5308ELE	Programming and Windows Applications (20 c) Semester 2	<i>Module aim:</i> To develop students practical programming capability to build windows based applications. To develop the students ability to generate effective user and technical documentation	<i>Learning activities:</i> Lecture and practical sessions. Students will be encouraged to work both independently, and within groups.	<i>Assessment:</i> Examination (70%) Report (30%)
6204AMP	Audio Restoration and Digital Enhancement (20 c) Semester 2	<i>Module aim:</i> To enable students to apply modern digital techniques for the analysis reconstruction / transfer / identification and enhancement of a variety of audio signals and artefacts.	<i>Learning activities:</i> Lectures, Practical sessions and demonstrations including student work groups	<i>Assessment:</i> Report on methodologies (30%) enhance & isolation techniques (70%)
6207AMP	Media Delivery and Monetization (20 c) Semester 2	<i>Module aim:</i> How media is consumed Has changed enormously since the advent of computers and on-line media. The primary focus of this module is how to effectively implement marketing strategies using databases and the Internet that allow television companies to interact with viewers on an individual basis, enhancing audience loyalty and profitability. The module also introduces aspects of playout systems, including their selection, configuration and use.	<i>Learning activities:</i> The module will be delivered via lectures supported by tutorial activity and lab work. Videos, guest speakers will be used where appropriate. Additional reading will be prescribed to develop depth of knowledge and understanding of selected topics.	<i>Assessment:</i> Project (50%) Streaming Demonstration (50%)
6301ELE	Signal Processing (20 c) Semester 2	<i>Module aim:</i> This module is intended to provide students with a good appreciation of the mathematical concepts necessary to apply digital signal and image processing algorithms to a range of engineering problems.	<i>Learning activities:</i> A series of lectures and tutorials, with some laboratory activities using MATLAB.	<i>Assessment:</i> Exam (70%) Matlab exercises (30%)

6302ELE	Embedded Systems (20 c) Semester 2	<i>Module aim:</i> To provide both the theoretical and practical skills in the design and development of advanced embedded systems.	<i>Learning activities:</i> Lecture, demonstration and practical activities applying topics discussed.	<i>Assessment:</i> Exam (70%) Embedded Systems Project (30%)
6305ELE	Power Electronics, Drives and Systems (20 c) Semester 2	<i>Module aim:</i> To develop intellectual ability to select and apply appropriate mathematical methods for modelling and analysing problems and produce solutions to problems through the practical application of electrical power engineering.	<i>Learning activities:</i> A series of lectures, tutorials and lab sessions	<i>Assessment:</i> Final exam (80%) Lab report (20%)
7300ELE	Modelling and Control of Electric Machines and Drives (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of principles and acquire working knowledge of mathematical modelling of electrical machines. To introduce the principles of control of variable speed electric drives using power electronic converters. To introduce the concept of vector control as applied to induction machines.	<i>Learning activities:</i> Lectures supported by handouts. Practical sessions will use software packages for development of the simulation software. An individual student report is required for each of the two courseworks.	<i>Assessment:</i> Simulation of induct machines (50%) Simulation of AC mach dynamics (50%)
7300ELEM	Modelling and Control of Electric Machines and Drives (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of principles and acquire working knowledge of mathematical modelling of electrical machines. To introduce the principles of control of variable speed electric drives using power electronic converters. To introduce the concept of vector control as applied to induction machines.	<i>Learning activities:</i> Lectures supported by handouts. Software packages will be used for the development and simulation of electrical machines. An individual student report is required for each of the two courseworks.	<i>Assessment:</i> Simulation of induct machines (50%) Simulation of AC mach dynamics (50%)

7302ELE	Control Systems (20 c) Semester 2	<i>Module aim:</i> This module aims to let students learn state space control method for dynamic system modelling, control, analysis and simulation.	<i>Learning activities:</i> Lectures supported by handouts. Tutorials supported by handouts. An individual student report is required for the coursework.	<i>Assessment:</i> Exam (70%) System design Matlab/Simulink (30%)
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7302ELEM	Control Systems (20 c) Semester 2	<i>Module aim:</i> This module aims to let students learn state space control method for dynamic system modelling, control and analysis.	<i>Learning activities:</i> Lectures supported by handouts. Tutorials supported by handouts and using appropriate software. An individual student report is required for the coursework.	<i>Assessment:</i> Exam (70%) System design Matlab/Simulink (30%)
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7305ELE	VLSI Devices, Fabrication and Testing (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of the state-of-the-art CMOS devices and systems. To gain knowledge in the fabrication and testing of microelectronic devices. To enhance knowledge in latest consumer electronic products.	<i>Learning activities:</i> Lectures supported by handouts & tutorials where appropriate. An individual student report is required for the coursework.	<i>Assessment:</i> Exam (70%) Report (30%)
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7305ELEM	VLSI Devices, Fabrication and Testing (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of the state-of-the-art CMOS devices and systems. To gain knowledge in the fabrication and testing of microelectronic devices. To enhance knowledge in latest consumer electronic products.	<i>Learning activities:</i> Lectures supported by handouts & tutorials where appropriate. An individual student report is required for the coursework.	<i>Assessment:</i> Exam (70%) Report (30%)
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7308ELEM	Power Systems Modelling and Analysis (10 c) Semester 2	<i>Module aim:</i> To develop an understanding of the power system component modelling for steady-state analysis and the types of problems encountered in power system analysis. To consider the principles of voltage and reactive power control in power systems.	<i>Learning activities:</i> Lectures supported by handouts. Tutorials illustrating by numerical examples topics covered at lectures.	<i>Assessment:</i> Examination (100%)
7309ELE	Embedded Systems (20 c) Semester 2	<i>Module aim:</i> To provide both the theoretical and practical skills in the design and development of advanced embedded systems..	<i>Learning activities:</i> Lectures, Tutorials, Practical activities	<i>Assessment:</i> Examination (70%) Laboratory demo and report (30%)
7309ELEM	Embedded Systems (20 c) Semester 2	<i>Module aim:</i> To provide both the theoretical and practical skills in the design and development of advanced embedded systems..	<i>Learning activities:</i> Lectures, Tutorials, Practical activities	<i>Assessment:</i> Examination (70%) Laboratory demo and report (30%)
7314ELEM	Wireless Networks and Data Analytics (20 c) Semester 2	<i>Module aim:</i> To develop an understanding of ad hoc and sensor networking concepts, protocol design, and coding techniques.	<i>Learning activities:</i> Lectures, Tutorials, Practical activities	<i>Assessment:</i> Exam (70%) Assignment (30%)
7317ELEM	Transmission Media (10 c) Semester 2	<i>Module aim:</i> To introduce the use of the electromagnetic spectrum in telecommunications systems, the choices available and consequences for system design	<i>Learning activities:</i> Lectures and tutorials based on case studies and practicals	<i>Assessment:</i> Case study report (100%)
7318ELE	Networks and Protocols (20 c) Semester 2	<i>Module aim:</i> To develop an extensive knowledge of network architectures and the protocols used therein	<i>Learning activities:</i> A series of lectures, tutorials and practicals	<i>Assessment:</i> Exam (60%) Report (40%)

7318ELEM	Networks and Protocols (20 c) Semester 2	<i>Module aim:</i> To develop an extensive knowledge of network architectures and the protocols which are used therein.	<i>Learning activities:</i> By a series of lectures, labs, tutorials and assignments.	<i>Assessment:</i> Report (30%) Exam (70%)
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Engineering

6111MECH	Structural Integrity (10 c) Semester 2	<i>Module aim:</i> To enable students to develop an understanding of the performance of materials and structures subjected to load in terms of deformation based failure, fracture and fatigue.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (70%) Portfolio (30%)
7202DRO	Advanced UAV Technology and Operations (40 c) Semester 2	<i>Module aim:</i> To provide an in-depth, quantitative, qualitative and critical understanding of the technology deployed in UAV systems. To be able to model such systems and design elements of them. To fully comprehend the boundaries and limitations of such systems. To be able to safely deliver well planned UAV missions.	<i>Learning activities:</i> The module will be taught by a combination of lectures; practical laboratory based sessions, centred around setting up and maintaining drones, fitting and testing payloads; workshop sessions involving mission planning for way-point flying; fieldwork involving testing actual drones and mission plans in the field centred initially around basic exercises then expanding to mimicking typical operations.	<i>Assessment:</i> Perform an analysis (25%) Prepare a formal proposal (50%) Prepare a report (25%)
7203DRO	UAV Operations and the Law (10 c) Semester 2	<i>Module aim:</i> To provide a comprehensive and in depth understanding of legal issues, relevant regulations and responsibilities relating to UAV operation. To give a sound current picture of the status of pan-European regulation. To present an awareness of the world-wide situation.	<i>Learning activities:</i> The module will be principally delivered by means of a series of lectures interspersed with seminars which will deal with a range of case studies and scenarios. Students will be required to undertake significant guided reading.	<i>Assessment:</i> Legal/regulatory assessment (100%)

7341ELEM	Professional and Leadership Skills (10 c) Semester 2	<i>Module aim:</i> To develop awareness of the legal and ethical framework surrounding the activities of a professional engineer, including: personnel, health, safety, and risk (including environmental risk) issues; To develop awareness of the Emotional Competence Framework for a professional engineer; To develop specific set of personal and social competency skills appropriate for a professional engineer, including adaptability, creativity and innovation, creativity diversification, leveraging diversity, political awareness, communication, conflict management, leadership, collaboration and cooperation, team capabilities.	<i>Learning activities:</i> This module will be delivered through a combination of formal lectures, seminars, and practical group activities.	<i>Assessment:</i> Social & personal competencies (100%)
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English literature

<p>4102ENGL</p>	<p>Digital Victorians: Investigating the Victorians in the 21st Century (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To introduce 21st century critical and methodological approaches to studying 19th-century literature and culture 2. To provide a practice-based foundation in using Digital Humanities tools, methods and resources 3. To have a critical understanding of aspects of Victorian culture and their legacy for our own time</p>	<p><i>Learning activities:</i> Serial reading: Facebook group week-by-week reading & discussion of novel in instalments (Charles Dickens, Great Expectations); tweeting in character Charting & mapping 'distant' reading and analytics (Google Books; 19th Century Collections Online; British Library 19th Century Newspapers) Comparing printed and e-copies of novel with magazine serial editions (Dickens Journals Online) Comparing digital archives with traditional archives (Punch Database and LJMU periodical collections) Picturing the Victorians: Walker Art Galley & creating an interactive gallery (pinterest/instagram) Mapping Slavery: Liverpool, Slavery & Abolition (Museum of Slavery; Legacies of Slavery Database; protest & poetry; designing a walking tour Adapting/Recreating/Subverting the Victorians: Lloyd Jones, Mister Pip</p>	<p><i>Assessment:</i> Reading journal/reflection (40%) Creative output & reflection (60%)</p>
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4104ENGL	Literature in Context: Britain in the 1950s (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to interdisciplinary perspectives on reading and interpreting literary and other texts within the cultural/historical moment of their production, through working on primary materials, and on critical and contextual writing.</p> <p>2. To assist students to develop in a self-reflective way a range of core skills essential to successful study at university level (including study, numerical, team-working and presentational skills).</p> <p>3. To introduce them to standard academic practice in written presentation.</p>	<p><i>Learning activities:</i> Lectures, seminars and tutorials; group work; private study, written work and Blackboard activity.</p>	<p><i>Assessment:</i> 2500 Word Essay (50%) Self Awareness Statement (10%) 1500 words portfolio (40%)</p>
4105ENGL	World, Time and Text (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to ways of reading texts in a series of historical, politico-geographical, and intertextual contexts.</p> <p>2. To develop students' awareness of key methods in the study of English.</p> <p>3. To enable students to recognise the historical and geographical diversity of forms and concerns of literature in English.</p> <p>4. To develop students' skills in analysing texts and articulating critical responses to Texts.</p>	<p><i>Learning activities:</i> Lectures, seminars and tutorials; group work; private study, written work and Blackboard activity- wiki project.</p>	<p><i>Assessment:</i> 2000 word Critical analysis (60%) 2000 Word Essay (40%)</p>

4114ENGL	Literature in Context: Britain in the 1950s (V2) (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to interdisciplinary perspectives on reading and interpreting literary and other texts within the cultural/historical moment of their production, through working on primary materials, and on critical and contextual writing.</p> <p>2. To assist students to develop in a self-reflective way a range of core skills essential to successful study at university level (including study, numerical, team-working and presentational skills).</p> <p>3. To introduce them to standard academic practice in written presentation.</p>	<p><i>Learning activities:</i> Lectures, seminars and tutorials; group work; private study, written work and Blackboard activity.</p>	<p><i>Assessment:</i> 1500 WORD PORTFOLIO (50%) 2500 WORD ESSAY (50%)</p>
5108ENGL	Poetry Matters (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop the appropriate critical vocabulary to enhance the understanding of poetry.</p> <p>2. To introduce students to a range of poetry from different periods, in different forms and from different cultural locations.</p> <p>3. To identify the aesthetic qualities of different poetic traditions.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops and tutorials; private study, written work and Blackboard activity.</p>	<p><i>Assessment:</i> 1500 word critical analysis (40%) 2 hour exam (60%)</p>

5114ENGL	The Victorians: Realism and Sensation (20 c) Semester 2	<p><i>Module aim:</i> 1. To extend students' familiarity with a range of Victorian texts including novels, poetry and essays.</p> <p>2. To discuss the parallel developments of sensation fiction and realism and how this fed into conceptions of 'high', 'low' and 'middlebrow' literature.</p> <p>3. To explore how the Victorian age was characterized by rapidly developing scientific discourses and popular interest in them (popularization)</p> <p>4. To understand how contemporary understanding of genre and cultural prestige were inherited from the Victorian period.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshop, Walker Gallery Trip.</p>	<p><i>Assessment:</i> Short Analysis Essay (40%) Research Essay (60%)</p>
5124ENGL	Migrants to the Screen (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the field of adaptation studies.</p> <p>2. Building on their existing understanding of postcolonial studies – encountered in 'Literary and Cultural Theory' and 'World, Time and Text' (both Level 4) as well as, in some cases, other modules – to enable students to critically engage with contemporary literary and non-literary representations of migrants and migration.</p> <p>3. To enable students to explore intersections between adaptation studies and postcolonial studies.</p>	<p><i>Learning activities:</i> Lectures; seminars; workshops; tutorials and private study.</p>	<p><i>Assessment:</i> 1500 Word Close Analysis (50%) 3000Word Essay (50%)</p>

5125ENGL	Life Stories: Telling Tales and Keeping Secrets in Auto/Biographical Writing (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the diversity of auto/biographical writing</p> <p>2. To equip students with the critical vocabulary and analytical tools to explore and analyse auto/biographical texts</p> <p>3. To understand key critical topics in auto/biographical narratives, including the relations of subjectivity and form; the intersections of gender, race, class and embodiment in life stories; identity and performativity; narrative exchange, transaction and pacts; the 'art' of disclosure and secrecy.</p> <p>4. To explore these questions in an interdisciplinary context with reference to a wide range of literary, cultural and visual texts from the 19th to the 21st centuries.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops and offsite field trips to art gallery and film screening.</p>	<p><i>Assessment:</i> 1500 Word Critical Reflection (30%) 3000 Word Essay (70%)</p>
6114ENGL	Tales of the Market: Capitalism and Critique (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to narratives of capitalism in fiction and non-fiction.</p> <p>2. To develop an interdisciplinary knowledge of the key concepts of capitalist critique and examine their relevance in making sense of significant cultural texts.</p> <p>3. To critically read how the desires, contradictions and failures of the market are expressed through significant cultural texts.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Blog Discussion</p>	<p><i>Assessment:</i> Blogs (40%) Critical essay (60%)</p>

6117ENGL	World Literature: Writing from the Periphery (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the concept of 'world literature' through a selection of texts from the twentieth to the twenty-first centuries in relation to the rise and expansion of a global modernity</p> <p>2. To examine on-going critical debates around key areas of research in the global humanities: a singular modernity, the politics of translation, the periphery and the world system</p> <p>3. To compare literary and critical perspective on the political and aesthetic stakes of the concept of world literature in relation to current global affairs</p>	<p><i>Learning activities:</i> Lectures, Seminars, independent study</p>	<p><i>Assessment:</i> Short position paper (30%) 3000 word essay (70%)</p>
6122ENGL	Transitions: Identities in the Interwar Years (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the impact of World War One and increasing concerns about a second World War on understanding of class, gender, sexual and regional identities during the period 1918-1939.</p> <p>2. To explore the range of literary forms deployed to represent and challenge emergent conceptualisation of identity, including the novel, popular fiction, middlebrow writing, poetry, autobiography, periodical publishing.</p> <p>3. To assess the relationship between changing cultural hierarchies and reconfigurations of identity.</p>	<p><i>Learning activities:</i> Lectures Seminars Library Research task</p>	<p><i>Assessment:</i> Report 1500 Words (40%) Essay 2500 Words (60%)</p>

7102ENGL	English Project Development (30 c) Semester 2	<p><i>Module aim:</i> To promote reflection on students' theoretical and methodological orientation and help them situate their own work in relation to advances within the field;</p> <p>To help students acquire skills and confidence in chairing discussion and presenting their own ideas;</p> <p>To prepare for the writing phase by mapping out the different elements of the project and organising them into an appropriate structure</p>	<p><i>Learning activities:</i> Presentations, seminars, workshops, one-to-one tutorials.</p>	<p><i>Assessment:</i> Literature Review, 3000 words (50%) Presentation report & plan (50%)</p>
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Fashion

4102FC	Fashion Practice (20 c) Semester 2	<p><i>Module aim:</i> 1. To increase students' understanding of the discipline of fashion and promote individual focus through the execution of fashion related activities.</p> <p>2. To embed the use of a robust and logical Design Process in the creation of original fashion outcomes from independently researched sources and to encourage experimentation in the practice of related processes and procedures.</p> <p>3. To enable students to articulate and present ideas and information comprehensibly in visual and oral forms.</p> <p>4. To foster analytical debate with critical and contextual dimensions related to student's discipline.</p> <p>5. To encourage students to engage with development of employability skills by completing a self-awareness statement.</p>	<p><i>Learning activities:</i> This module will build on the introductory modules in semester 1 delivery giving students the opportunity to apply new skills and develop a deeper understanding of their pathway topics. Students will be able to translate project briefs to start to develop their own signature within project outputs using a wide range of materials and techniques linked to specialist knowledge.</p>	<p><i>Assessment:</i> Artefact (50%) Artefact (40%) Self-awareness statement (10%)</p>
4104FC	Visual Direction and Technical Development (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop and extend knowledge of materials and technical processes in a fashion context.</p> <p>2. To extend visualisation and communication skills using the breadth of key resources available to present work in a variety of visual formats.</p> <p>3. To explore and propose a variety of research methods to support students practice.</p> <p>4. To enhance students understanding of digital and craft based processes.</p>	<p><i>Learning activities:</i> This module is divided between technology and visualisation and underpins all studio module/s and outputs. Student will undertake a range of technical workshops and seminars to gain valuable insight into practices for their specialist area. Students will learn key skills for presentation and portfolio development as well a core understanding of technical processes.</p>	<p><i>Assessment:</i> Artefacts (50%) Artefacts (50%)</p>

4106FC	Contextual Practice and Development (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop key concepts and ways of thinking about fashion practices in both design and communication with relation to context and culture.</p> <p>2. To engage in debate and analysis to broaden and deepen knowledge and understanding of contemporary fashion practices resulting in a written assignment.</p> <p>3. To facilitate an investigation into the relation between content and visual presentation with the opportunity to present the results through a digital project.</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars, workshops, group critiques and tutorials.</p>	<p><i>Assessment:</i> Essay (60%) Artefacts (40%)</p>
5102FC	Fashion Design Context (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop the opportunity to understand in depth research methods and design processes from concept to translation.</p> <p>2. To produce a body of work in relation to market level and professional practice.</p> <p>3. The ability to develop a range of design applications, which explore design concepts, material and context.</p> <p>4. To explore the potential of a range of technical approaches for both traditional and contemporary applications.</p> <p>5. To develop an understanding of time management skills to produce outcomes in sequence and on time.</p>	<p><i>Learning activities:</i> During this module students will research, design and produce a Design work building on skills undertaken in semester 1 and culminating in a collection of garments designed and manufactured to a professional level with in-depth research and analysis. Work will take place within the context and environment of the professional designer and the finished work should be viable for sample presentation to relevant industries. On-going informal feedback will be available in the weekly practical sessions. A progress review is timetabled mid-semester. Practical, seminar and one to one tutorials are the core delivery methods for this module.</p>	<p><i>Assessment:</i> Artefacts (60%) Artefacts (40%)</p>

<p>5104FC</p>	<p>Creative Direction and Technical Application (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To develop and investigate a range of visual and conceptual approaches to research methods for creative processes. 2. To examine traditional and contemporary technical approaches in-depth for use within studio practice. 3. To examine and explore appropriate design tools and processes for portfolio presentation/s. 4. To explore links and synergies between industry and studio practice to inform and guide studio project work. 5. To promote exploration and experimentation in approaches to media to create new ways of working.</p>	<p><i>Learning activities:</i> These are tailored to the 2 parallel pathways and this module is designed to underpin practical studio activities with a foundation in technical skills required for level 5 (Practical, seminar and one to one tutorials are the core delivery methods for this module). Designers Attend lectures and workshops to cement and underpin more advanced pattern cutting and manufacturing skills. Keep technical file for fashion / textile skills. Attend lectures, seminars and workshops to expand CAD skills. Produce more advanced garment / textile samples in accordance with the design work produced in design modules running parallel to this. Communicators Attend lectures, seminars and workshops to cement and underpin more advanced CAD skills. Keep technical file for CAD technology/Photography skills and other technical specialist areas. Produce a more advanced body of work in accordance with the work produced in studio modules running parallel to this.</p>	<p><i>Assessment:</i> Artefacts (50%) Artefacts (50%)</p>
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5106FC	Contextual Critical Investigation and Personal Portfolio (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop student initiated contextual topics and relevant research methodologies in relation to studio practice and wider contexts of contemporary fashion design and communication theoretical concepts.</p> <p>2. To engage in critical debate and analysis underpinned by a deepening knowledge and understanding of contemporary fashion issues through a written assignment leading to a proposal for Level 6 Research Project.</p> <p>3. To develop a digital platform which effectively communicates issues concerning career directions and research interests based on student initiated field of interest.</p> <p>4. To explore career and fashion research interests leading to a reflective report (digital format) integrating present and future plans concerning professional engagement.</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars, group critique, group presentations and tutorials. Guest speakers and study visits will enhance the module.</p>	<p><i>Assessment:</i> Essay (60%) Artefacts (40%)</p>
5108FC	Fashion Direction (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop the opportunity to understand in depth research methods and structures within students own work in relationship to creative industries.</p> <p>2. To produce a body of work in context to market level and professional practices.</p> <p>3. The ability to develop a range of visual communication applications, which explore material and context.</p> <p>4. To explore the potential of a range of technical approaches for both traditional and contemporary applications to reflect industry practice.</p> <p>5. To develop an understanding of time management skills to produce outcomes in sequence and on time.</p>	<p><i>Learning activities:</i> This module is designed to introduce students to key areas within fashion communication in an industry context. Teaching will take the form of lectures, seminars and practical sessions underpinned with a focus on market level and customer awareness. The areas covered are broad and will bring all tasks taken in level 5 semester 1 together through a variety of projects which may be live or set projects.</p>	<p><i>Assessment:</i> Artefacts (60%) Artefacts (40%)</p>

6102FC	Final Major Project/s (40 c) Semester 2	<p><i>Module aim:</i> 1. Foster and develop a range of critical research and development skills. 2. To examine specific markets to situate individual practice. 3.To produce a body of work that demonstrates a broad understanding of professional practical outputs within the fashion industry. 4. To articulate and reflect on design processes in relation to the student's individual project brief. 5. To encourage a deep understanding of technical process and application to a range of creative outcomes.</p>	<p><i>Learning activities:</i> This module consists of lectures, seminars, fieldwork and a major practical project defined by set projects and or an individual learning agreement.</p>	<p><i>Assessment:</i> Artefacts (40%) Artefacts (60%)</p>
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6104FC	Professional Practice (30 c) Semester 2	<p><i>Module aim:</i> 1. To equip students with a range of research methods to inform graduate career and postgraduate study options. 2. To support the generation of creative solutions with skill and application to portfolio content. 3.To produce graduates with a deep understanding of professional practice in their chosen field of study. 4. To offer students the opportunity to engage with and undertake external projects / competitions to enhance their understanding of industry practice. 5. To provide opportunities to build and develop digital platforms for visual and written formats.</p>	<p><i>Learning activities:</i> Students will be taught through a programme of lectures, tutorials and workshops. The learning outcomes for the module will be achieved through Personal Development work based learning / market reports. Portfolio is a key component and is expected to be developed to a professional standard. Students may be expected to work both independently and in teams and demonstrate an ability to use available resources effectively.</p>	<p><i>Assessment:</i> Portfolio (50%) Report (30%) Artefacts (20%)</p>
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Film studies

4024FILM	Film Criticism (20 c) Semester 2	<i>Module aim:</i> 1. To develop critical skills in film studies by outlining the different critical approaches to cinema. 2. To apply a number of critical concepts to the study of film. 3. To understand the historical development of film criticism.	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Literature Review (40%) Essay - 2500 Words (60%)
4025FILM	Documentary: Film and Reality (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to the different formats of documentary 2. To investigate the problems of representing the historical world on screen 3. To assess the ethical implications of different forms of representing reality	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Essay - 1500 words (40%) Essay - 2500 words (60%)
4027FILM	Introduction to Filmmaking 2 (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to the basic principles of single camera factual filmmaking 2. To introduce students to the organisation, planning, management and production of factual film 3. To encourage students to critically reflect on their own factual filmmaking	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Dossier (30%) Film Project (70%)

5021FILM	Film Adaptation (20 c) Semester 2	<p><i>Module aim:</i> 1. To investigate the relationship between film and source texts (namely novels, comic books, graphic novels, scripts, plays, computer games, other films etc.)</p> <p>2. To explore the theoretical issues surrounding the relationship of form to content in narrative fiction film as they are highlighted in the process of adaptation</p> <p>3. To facilitate the adaptation of a text into a film script.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Essay - Script (50%) Exam (50%)</p>
5023FILM	Short Filmmaking (20 c) Semester 2	<p><i>Module aim:</i> 1. To offer practice-based learning that provides an opportunity for students to plan, manage, and produce a short film.</p> <p>2. To develop technical skills associated with filmmaking.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Portfolio (30%) Film (70%)</p>
5025FILM	Working in Film (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop an understanding of the working practices of the British film industry in the sectors of film funding, production, distribution and exhibition.</p> <p>2. To make students aware of work experience opportunities in film and related fields.</p> <p>3. To develop a personal career experience plan.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Essay - 1500 Words (30%) Portfolio (70%)</p>
5026FILM	Audiovisual Essay (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to the growing field of the audiovisual essays and videographic criticism.</p> <p>2. To introduce students to the concepts of practice based research illustrating how to manipulate, edit and produce audiovisual content for academic work.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> Portfolio - Proposal (10%) Artefact (65%) Portfolio - Reflection (25%)</p>

6030FILM	World Cinema (20 c) Semester 2	<i>Module aim:</i> 1.To provide a selective overview of world cinema. 2. To examine cinemas of the world historically and aesthetically. 3. To develop a critical understanding of films from different cultural contexts.	<i>Learning activities:</i> Lectures, Seminars, Workshops, Screenings.	<i>Assessment:</i> Exam (50%) Essay (50%)
6031FILM	Writing for Film (20 c) Semester 2	<i>Module aim:</i> 1. To introduce a range of writing skill adopted by the film industry. 2. To practice different modes of writing and other skills such as file management, recording videos for vlogs, and photo editing skills. 3. To critically reflect on writing styles in relation to different audiences	<i>Learning activities:</i> A series of lectures and workshops.	<i>Assessment:</i> Artefact 1 (40%) Artefact 2 (60%)
6038FILM	Professional Writing for Film (10 c) Semester 2	<i>Module aim:</i> 1. To introduce a range of writing skill adopted by the film industry. 2. To practice different modes of writing and other skills such as file management, recording videos for vlogs, and photo editing skills. 3. To critically reflect on writing styles in relation to different audiences	<i>Learning activities:</i> A series of lectures and workshops.	<i>Assessment:</i> Artefact (100%)

Forensic science

4104FSBMOL	FORENSIC SCIENCE (20 c) Semester 2	<i>Module aim:</i> To introduce students to a wide range of scientific areas and methods used in forensic science. Information on relevant legislation and interpretation will be presented.	<i>Learning activities:</i> lectures, problem based learning workshops, practical classes, self-study, site visit	<i>Assessment:</i> Exam (50%) Portfolio (50%)
4105FSBMOL	MOLECULAR BIOSCIENCE FOR FORENSIC SCIENCES (20 c) Semester 2	<i>Module aim:</i> To introduce biomolecular science to forensic science students providing the building blocks for further study in this area.	<i>Learning activities:</i> lectures, problem based learning workshops, practical classes, self-study	<i>Assessment:</i> exam (60%) Practice (40%)
4307NATSCI	INTRODUCTION TO ARCHAEOLOGY (10 c) Semester 2	<i>Module aim:</i> This module will provide an introduction to the discipline of archaeology. Students will be introduced to the concepts of science based archaeology and cultural history. An introduction to fieldwork will be provided.	<i>Learning activities:</i> The learning activities in this module will consist of lectures, practicals, a workshop and excavation field work.	<i>Assessment:</i> Examination (100%)
4308NATSCI	FORENSIC FIELD SKILLS (20 c) Semester 2	<i>Module aim:</i> To introduce basic legal concepts, rules of evidence handling, basic archaeological techniques and outdoor crime scene protocols	<i>Learning activities:</i> Material will be delivered through lectures, practicals workshops, a seminar and a residential fieldtrip	<i>Assessment:</i> Notebook (60%) online test (40%)

5103FSBMOL	ANALYTICAL FORENSIC SCIENCE (20 c) Semester 2	<i>Module aim:</i> The aims of this module are to build on the theory, and provide further practical experience of the forensic analytical techniques taught in the forensic chemistry module at level 4. In addition to this, the module aims to provide students with more experience of interpreting different types of chromatograms and spectra and further analytical chemistry knowledge to provide background information for the chemistry based modules offered at level 6.	<i>Learning activities:</i> Interactive lectures, practical sessions workshops and tutorials	<i>Assessment:</i> Exam (50%) Report (50%)
5105FSBMOL	FORENSIC METHODS (20 c) Semester 2	<i>Module aim:</i> To develop practical skills in crime scene processing and investigation, recovery and packaging of evidence within current policy requirements.	<i>Learning activities:</i> Workshops, lectures, practicals, off site,	<i>Assessment:</i> Practice (50%) portfolio (50%)
5312NATSCI	EXCAVATION AND ANALYTICAL TECHNIQUES (20 c) Semester 2	<i>Module aim:</i> To provide an introduction to field-based project management and research skills	<i>Learning activities:</i> This module will consist of lectures, practicals, workshops, group work and field excavation and post excavation work.	<i>Assessment:</i> Statistics report (30%) Group work Portfolio (40%) Fieldwork report (30%)
5313NATSCI	FORENSIC HUMAN IDENTIFICATION (20 c) Semester 2	<i>Module aim:</i> To examine the causes and extent of genetic and phenotypic variation in modern human populations. To examine the methods used to reconstruct life patterns and individual identification from skeletal remains.	<i>Learning activities:</i> The module is delivered using lectures, workshops and practicals.	<i>Assessment:</i> Online practical assessment (40%) Essay (60%)

6103FSBMOL	EXPERT WITNESS (20 c) Semester 2	<p><i>Module aim:</i> This module looks at forensic science and related professions and the role of the expert witness.</p> <p>The aim of this module is to develop knowledge and practical experience of the role of an expert witness within the context of Forensic Science.</p>	<p><i>Learning activities:</i> Lectures Practical based sessions Courtroom presentation Case Studies Problem based learning</p>	<p><i>Assessment:</i> report (50%) presentation (50%)</p>
6312NATSCI	ADVANCED FORENSIC ANTHROPOLOGY (20 c) Semester 2	<p><i>Module aim:</i> To provide practical and theoretical experience in anthropological techniques.</p>	<p><i>Learning activities:</i> Material will be delivered through a selection of lectures, practicals, and workshops</p>	<p><i>Assessment:</i> Lab Practical/Test (50%) Skeletal Report and Discussion (50%)</p>
7101FSBMOL	TRACE EVIDENCE ANALYSIS (20 c) Semester 2	<p><i>Module aim:</i> Trace Evidence such as paint, glass and fibres play a pivotal role in criminal investigations. It is essential for forensic scientists to be able to identify, differentiate and analyse different types of trace evidence as well as to be able to interpret the results of their analysis. Analysis of the majority of trace evidence begins with advanced microscopic methods and in some cases can end with chemical composition determination.</p> <p>The aims of this module are to provide students with the theoretical knowledge and practical experience required by a forensic scientist to identify and examine trace evidence. In addition to, the ability to discuss, appraise and assess the results obtained.</p>	<p><i>Learning activities:</i> Lectures, Mini Project, Workshops, Tutorial, Case Study</p>	<p><i>Assessment:</i> Mini Project Report (50%) Case Study Presentation (50%)</p>

7102FSBMOL	FIRE INVESTIGATION (20 c) Semester 2	<p><i>Module aim:</i> Understand fundamental scientific principles of fire science, fire dynamics and material science and demonstrate their application to fire investigation. Critical consideration of all potential ignition sources Interpretation of the physical evidence remaining after a fire and determination of the origin and cause of a fire - interpretation of smoke/ fire damage patterns. Current best practice for Fire Scene Examination and documentation. Evidence identification and correct methods for preservation, collection and packaging. Laboratory analysis and interpretation of case samples.</p>	<p><i>Learning activities:</i> Lectures Practicals Portfolio from practicals Analysis of evidence and report writing</p>	<p><i>Assessment:</i> exam (40%) portfolio (60%)</p>
7103NATSCI	EXCAVATION (20 c) Semester 2	<p><i>Module aim:</i> This course aims to teach students the key skills and perspectives required to gather, assess and present forensic evidence from fieldwork centred on excavation. It will provide them with transferable skills in forensic field survey, site management, excavation and related data analysis.</p>	<p><i>Learning activities:</i> Field course, Lectures, Practical and Seminars</p>	<p><i>Assessment:</i> Field Notebook (50%) Report presentation (50%)</p>
7104FSBMOL	BIOANALYTICAL TECHNIQUES (20 c) Semester 2	<p><i>Module aim:</i> To provide students with an understanding of advanced molecular techniques relevant to forensic science including nucleic acid and protein based techniques. To enable students to understand and perform appropriate interpretation methods To develop critical awareness of the limitations of these techniques and their use in the criminal justice system.</p>	<p><i>Learning activities:</i> Lectures, laboratory investigations, workshops and seminars. Private study</p>	<p><i>Assessment:</i> Journal style report (50%) Examination (50%)</p>

7105NATSCI	TAPHONOMY AND TRAUMA ANALYSIS (20 c) Semester 2	<p><i>Module aim:</i> The aims of this module are: to provide students with an extensive understanding of the human bones' biomechanics and the bones reaction to forces and different kinds of environments for a taphonomic history of the remains.</p> <p>It provides the student with a broad appreciation of different types of weapons to reconstruct the dynamic of a traumatic event by the skeletal evidence. In addition the student will learn how to cast bones and evidence of trauma for disposal both in museums and in courtroom.</p>	<p><i>Learning activities:</i> In addition to lectures, the students will be involved in seminars where they will read and discuss recent papers related to the main topics of the programme.</p> <p>Practical sections will be provided to practise and test the skills learned during the module</p>	<p><i>Assessment:</i> Oral presentation 1 (40%) Oral presentation 2 (60%)</p>
7106NATSCI	HUMAN IDENTIFICATION AND FORENSIC DNA (20 c) Semester 2	<p><i>Module aim:</i> The students comprehensively analyse the problems related to the identification of an unknown subject from both skeletal and genetic features.</p> <p>The module provides an in-depth critical understanding of the techniques and the methodology involved in the skeletal identification of human remains in the field of Forensic Anthropology. The aim of this module is also to introduce the students in the use of a DNA typing approach for the identification of human remains.</p>	<p><i>Learning activities:</i> In addition to lectures, the students will be involved in seminars where they will read and discuss recent papers related to the main topics of the programme.</p> <p>Practical sections and workshops will be provided to practise and test the skills learned during the module</p>	<p><i>Assessment:</i> Oral presentation (60%) Genetics portfolio (40%)</p>

Geography

4304NATSCI	NATURAL RESOURCES AND HAZARDS (20 c) Semester 2	<i>Module aim:</i> To provide an understanding of the environmental and human impacts associated with the exploitation of natural resources and naturally occurring hazards.	<i>Learning activities:</i> A range of practical techniques in the field and the laboratory are introduced in this module, supported by a lecture programme. Workshops are included to assist with interpretation of environmental data collected in the field and analysed in the laboratory.	<i>Assessment:</i> Exam (50%) Field/Laboratory Report (50%)
4305NATSCI	ENVIRONMENT SOCIETY AND SUSTAINABILITY (20 c) Semester 2	<i>Module aim:</i> To examine the relationship between environment, society, and sustainability in the context of increasing concerns about human impacts on the environment. To focus on issues in relationship to population, economic growth, resource use and distribution, and social welfare. To outline different scientific, technological, social, and political approaches to handling 'real world' issues.	<i>Learning activities:</i> The module will include lectures and practicals, as well as fieldwork activities to illustrate topics discussed in class, and workshops with practitioners to foster debate and discussion. Case study material will be worked through individually or in small groups	<i>Assessment:</i> Sustainability portfolio (60%) Examination (40%)
4306NATSCI	METHODS IN GEOGRAPHY 2 (20 c) Semester 2	<i>Module aim:</i> To provide students with practical skills in the methods used by geographers to collect, present and interpret primary and secondary data. To develop both quantitative and qualitative practical skills and field based observational skills.	<i>Learning activities:</i> Lectures, practical workshops, tutorials and fieldwork	<i>Assessment:</i> Field Notebook (60%) Survey Data Presentation (40%)

5211NATSCI	<p>CONSERVATION TECHNOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> Provide students an understanding and awareness of the use and application of up to date technology in conservation</p>	<p><i>Learning activities:</i> This module will be taught through lectures to teach students about the technology and their applications in conservation, computer practicals to teach student how to process and analyse the data collected, workshops to look at building and setting up the technology and fieldtrips to allow the student to gain experience in using the technology</p>	<p><i>Assessment:</i> Technology Report (50%) Sales Presentation (50%)</p>
5306NATSCI	<p>PROJECT DESIGN AND MANAGEMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce practical project design and management in theory and through structured learning exercises including a small-scale group project.</p>	<p><i>Learning activities:</i> This module comprises mixed learning methods. Key concepts are delivered in lectures. Tutorials, group work and workshops are integral to developing practical skills and enhancing learning so that coursework is embedded as part of learning activity. Workshops are used to provide a forum for discussion of key concepts and to explore methodologies.</p>	<p><i>Assessment:</i> Project Portfolio (60%) Project Design (40%)</p>
5307NATSCI	<p>CLIMATE CHANGE (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide a knowledge and understanding of the physical causes of contemporary climate change, set within a longer-term palaeoclimate context. To develop skills in acquiring and interpreting climate model output at varying temporal and spatial resolutions, and to analyse the potential environmental and socio-economic impacts of future scenarios. To develop the ability to critique internationally important issues relating to the scientific and social aspects of climate change.</p>	<p><i>Learning activities:</i> The module's learning activities comprise lectures and practicals in equal measure. Practical sessions will consist of paper-based, laboratory-based, and computer-based exercises to provide a sound theoretical and practical understanding of climate change as a physical and social science.</p>	<p><i>Assessment:</i> Climate Impacts Report (50%) Exam (50%)</p>

5308NATSCI	URBAN GEOGRAPHY (20 c) Semester 2	<i>Module aim:</i> To introduce the analytical frameworks from which to conceive of and engage with issues of contemporary cities, urban spaces, processes and stakeholders as well as physical processes affecting the urban environment. To provide a baseline of knowledge from which students can critically engage with issues of sustainability at the urban settlement level. To critically analyse the dimensions and causes of, and responses to, specific problems at a range of spatial scales within cities.	<i>Learning activities:</i> Lectures, workshops, seminars and fieldwork	<i>Assessment:</i> Portfolio /media log poster (50%) Exam (50%)
5309NATSCI	VOLCANOES EARTHQUAKES AND SOCIETY (20 c) Semester 2	<i>Module aim:</i> To provide students with a broad understanding of volcanic processes, earthquakes, deformation and faulting and the resulting hazards and mitigation.	<i>Learning activities:</i> The module will be delivered via a combination of lectures, practical sessions, workshops and GIS integration.	<i>Assessment:</i> Exam (50%) Report (50%)
6305NATSCI	GEOFORENSICS (20 c) Semester 2	<i>Module aim:</i> Introduce students to the key skills and perspectives required to collect, critically evaluate and present geoforensic evidence. It will provide students with transferable skills in forensic field survey, site management, laboratory and geo-data analysis applicable to many situations in professional environmental science.	<i>Learning activities:</i> Field course, Lectures, Workshops and Seminars.	<i>Assessment:</i> Field report and notebook (50%) Presentation (50%)
6306NATSCI	ENVIRONMENTAL MODELLING AND GIS (20 c) Semester 2	<i>Module aim:</i> To provide students with a critical understanding of different environmental modelling techniques To develop skills in the selection and application of appropriate models to investigate a range of environmental phenomena To explore the rich integrating role of Geographic Information Systems in environmental modelling	<i>Learning activities:</i> The module integrates lectures, computer-based practicals (including GIS), and fieldwork.	<i>Assessment:</i> Modelling report (70%) Exam (30%)

6307NATSCI	ENVIRONMENTAL CHANGE (20 c) Semester 2	<i>Module aim:</i> To examine, interpret and evaluate the evidence for Quaternary environmental change using appropriate proxy techniques and dating methods.	<i>Learning activities:</i> This module comprises mixed learning methods. Key concepts are delivered in lectures and these themes are closely connected to the practical work. Field trips and laboratory classes are integral to developing practical skills, enhancing learning and to generate data so that coursework is embedded as part of learning activity. Workshops are used to provide a forum for discussion and revision sessions. Informal formative feedback is provided regularly in practical classes. Students are provided an opportunity to present and discuss draft reports for formative feedback in a workshop in advance of the report submission.	<i>Assessment:</i> Field and Practical Report (50%) Exam (50%)
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<p>6308NATSCI</p>	<p>RIVER MONITORING AND MANAGEMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> To introduce and analyse the main water-related legislative and management frameworks that environmental regulators and consultants work within. To study the application of scientific principles to the management of contemporary river management issues. To evaluate the methodologies used to investigate, monitor, manage and improve river environments. To develop the practical skills and knowledge required by professional environmental regulators and consultants working in river management.</p>	<p><i>Learning activities:</i> Teaching on this module is in the form of lectures, practicals and field work. Important environmental legislation and river pollution issues and management approaches are explored through lectures and workshops hosted by LJMU staff and professional environmental consultants. Field visits to two project sites allow appropriate field investigations of river management issues. Students work in teams to conduct a range of tasks (field work and data gathering, data analysis and report writing). Learning and assessments are focussed on the development of consultancy-style reporting skills. Report 1 is best described as an Executive Briefing Note. Students are required to produce a concise but scientifically robust short communication in which they communicate the results of their field investigations to decision makers. Report 2 is a larger scientific report to be presented in the style required by environmental consultants.</p>	<p><i>Assessment:</i> Executive Briefing Note (40%) Consultancy Report (60%)</p>
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7002SCSUCR	<p>COASTAL HAZARDS, POLICY AND PLANNING (30 c) Semester 2</p>	<p><i>Module aim:</i> To identify a range of climate and non-climate related coastal hazards and consider their impacts on coastal environments and populations. To examine the threats to coastal ecosystems and communities from pollution. To develop an understanding of risk, vulnerability, adaptation and resilience applied to a coastal context. To appraise integrated approaches to coastal management and the contribution of policy and legislation on sustainable practice. To synthesise evidence and critically discuss coastal issues within a relevant policy framework.</p>	<p><i>Learning activities:</i> Lectures, practicals, workshops, seminars, field trips.</p>	<p><i>Assessment:</i> Coastal Hazard Report (50%) Coastal Issues Seminar (20%) Coastal Policy Critique (30%)</p>
7119NATSCI	<p>ENVIRONMENTAL GIS AND REMOTE SENSING (20 c) Semester 2</p>	<p><i>Module aim:</i> To provide knowledge and understanding of GIS and remote sensing with reference to a variety of environmental science applications and to familiarise students with a range of data types and industry-leading software.</p>	<p><i>Learning activities:</i> The module will be taught by a combination of lectures, workshops and computer-based practicals. Lectures will introduce the theory and case studies. Practical will allow use of industry-leading software in various case study applications with data from a range of remote sensing and other sources. Workshops will allow more interactive development of student projects under supervision.</p>	<p><i>Assessment:</i> Portfolio of practicals (60%) Project poster presentation (40%)</p>

7120NATSCI	PROGRAMMING FOR ENVIRONMENTAL SCIENTISTS (20 c) Semester 2	<i>Module aim:</i> To provide students with program comprehension and program-generation skills in both Matlab and Python coding languages and the knowledge and understanding of the usefulness of programming in environmental science.	<i>Learning activities:</i> The module will be taught by a combination of lectures, workshops and computer practical sessions. The coding portfolio assessments will relate to practicals in which students will need to produce their own code. The final part of the coding portfolios will involve students manipulating data for a specific environmental science application.	<i>Assessment:</i> Portfolio of Matlab code (50%) Portfolio of Python code (50%)
7121NATSCI	RESEARCH METHODS (20 c) Semester 2	<i>Module aim:</i> - To train students in the process of planning and executing an independent research project using appropriate methodological design. - To familiarise students with qualitative, quantitative and mixed-methods of data collection and analysis. - To develop research reporting skills through written and oral methods.	<i>Learning activities:</i> Lectures, problem solving, practical work, workshops and discussions.	<i>Assessment:</i> Portfolio of research work (100%)

Graphic design

4104GD	Images (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce the role of images in visual problem solving. 2. To encourage experimentation with a range of materials, processes and media associated with image making. 3. To introduce the role of semiotics within visual communication. 4. To foster drawing and image-making techniques as a means of personal visual expression.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of workshops, tutorials, seminars, and contextual lectures. 2. Projects are based around a variety of practical workshops. 3. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work). 4. Formative feedback is given during review activities at the end of each project. 5. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
4105GD	Words (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce the role of text in visual communication. 2. To encourage experimentation with the relationship between text, typography and image. 3. To explore the role of semiotics within visual communication. 4. To foster the relationship of image and text as a means of personal visual communication.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of workshops, tutorials, seminars, and contextual lectures. 2. Projects are based around a variety of practical workshops. 3. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work). 4. Formative feedback is given during review activities at the end of each project. 5. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>

4106GD	Discourse (20 c) Semester 2	<p><i>Module aim:</i> 1. To support students making module choices for Level 5 that are relevant to their individual interests and aspirations.</p> <p>2. To support students completing self-awareness statement.</p> <p>3. To allow students to undertake a research based design project around their interests and aspirations.</p> <p>4. To support students independent enquiry and analysis.</p> <p>5. To introduce a variety of presentation formats and skills.</p>	<p><i>Learning activities:</i> 1. This is a research-based module with a practical designed outcome supported by a programme of tutorials, seminars, and contextual lectures.</p> <p>2. Project proposals are informed by the students' area of interest diagnosed via PDP activities and the written assignment undertaken at the end of semester 1 for the module What?</p> <p>3. The practical outcome is supported by studio-based activities and guidance (workshops, tutorials etc).</p> <p>4. The final assessment for this module is 80% Artefact (comprising designed research outcome, project proposal and supporting research and development work), 15% Reflection (comprising PDP form and supporting blog). Self awareness statement is an additional 5%.</p> <p>5. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Artefact (75%) Reflection (20%) Self Awareness Statement (5%)</p>
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5104GD	Graphic Design and Identity (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the relationship between typography, representation and the formation of Identity.</p> <p>2. To recognise the historic and contextual relationship between identity and graphic design practice.</p> <p>3. To examine a range of visual and conceptual approaches that explore the Influence of context and audience on the design process.</p> <p>4. To examine how the use of new approaches in graphic design, such as dynamic and fluid identities, relate to broader issues in contemporary culture.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of studio-based tutorials, seminars, crits and lectures designed to foster a strong studio culture and develop the studio space as the nucleus of creative endeavour.</p> <p>2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work) .</p> <p>3. Formative feedback and feed-forward is given during review activities at the end of each stage of the project.</p> <p>4. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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5105GD	Graphic Design and Context (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the current social and economic context of graphic design practice.</p> <p>2. To support students to recognise their emerging position within graphic design practice and the broader creative profession.</p> <p>3. To offer students the opportunity to propose and develop a practical project relevant to their emerging aspirations and/or interests.</p> <p>4. Introduce independent self-directed learning.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of studio-based tutorials, seminars, crits and professional development activities such as studio visits and guest lectures.</p> <p>2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work).</p> <p>3. Formative feedback is given at an early stage of the module to support students diagnosing their area of interest and possible project proposals.</p> <p>4. On-going informal feedback will be available via project tutorials, seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
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5108GD	Illustration (Creative Practice) (20 c) Semester 2	<p><i>Module aim:</i> 1. To critically assess the strengths and weaknesses of different approaches to creative practice.</p> <p>2. To apply a range of research methods and study skills appropriate to the development of illustration practice.</p> <p>3. To explore a sustained and coherent approach to the development of visual material over a sequence of images.</p> <p>4. To offer students the opportunity to present a body of work that articulates the development of their current practice.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of studio-based tutorials, seminars, crits and lectures.</p> <p>2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work).</p> <p>3. Formative feedback and feed-forward is given during review activities at the end of each stage of the project.</p> <p>4. On-going informal feedback will be available via seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
5109GD	Illustration (Context) (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the current working, social and cultural environment of illustration practice.</p> <p>2. To support students to recognise their emerging position within graphic design practice and the broader creative profession.</p> <p>3. To offer students the opportunity to propose and develop a practical project relevant to their emerging aspirations and/or interests.</p> <p>4. Introduce independent self-directed learning.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of studio-based tutorials, seminars, crits and professional development activities such as studio visits and guest lectures.</p> <p>2. The final assessment for this module is 100% Portfolio (comprising finished project work and supporting research and development work).</p> <p>3. Formative feedback is given at an early stage of the module to support students diagnosing their area of interest and possible project proposals.</p> <p>4. On-going informal feedback will be available via project tutorials, seminars and critiques.</p>	<p><i>Assessment:</i> Portfolio (100%)</p>

5110GD	<p>Future Thinking (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To support students to identify, examine and propose areas of research interest in preparation for further research and self-directed study at Level 6. 2. To support students to formulate, present and justify a research proposal. 3. To identify appropriate methods for documenting and presenting a variety of graphic work online. 4. To support students to recognise the relationship between portfolio presentation and their practice.</p>	<p><i>Learning activities:</i> 1. Research skills workshops, seminars and tutorials support the development of a research proposal. 2. Students are assigned a supervising tutor direct independent research. 3. Students present their final proposal via seminar presentations. 4. Students evaluate and reflect on their portfolio of work through seminars review sessions. 5. Web skills workshops and studio-based design surgeries support the design and production of an online portfolio. 6. The final assessment for this module is 50% Presentation (comprising proposal presentation, 1000 word written proposal and supporting visual material, 50% Reflection (comprising reflective online portfolio). 7. On-going informal feedback will be available via project tutorials, seminars and interim presentations.</p>	<p><i>Assessment:</i> Presentation (50%) Reflection (50%)</p>
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6103GD	<p>Future Focus (40 c) Semester 2</p>	<p><i>Module aim:</i> 1. To offer students the opportunity to propose and undertake an individual programme of study relevant to a future within professional practice or postgraduate study related to graphic design and/or illustration. 2. To examine contemporary issues and explore potential future developments within the profession. 3. To examine the relationship between portfolio presentation and students' individual ideology and/or future career aspirations. 4. To support independent, self-directed study.</p>	<p><i>Learning activities:</i> 1. This is a practical studio based module supported by a programme of individual tutorials, group seminars, skills based workshops and interim crits. 2. Students are assigned a supervising tutor and engage in a negotiated self-directed or self-initiated project(s). 3. PDP activities and web design workshops support the synthesis of content and the design and production of an online portfolio. 4. The final assessment for this module is 75% Portfolio (comprising finished project work, supporting research and development work, learning agreement(s) and critical evaluation); 25% Reflective portfolio presentation of all Level 6 coursework. 5. Formative verbal feedback is given in response to the presentation of work-in-progress at interim crits. 6. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Portfolio (75%) Reflection (25%)</p>
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7004MAGDI	<p>Research & Practice 2 (Graphic Design & Illustration) (30 c) Semester 2</p>	<p><i>Module aim:</i> To produce an illustrated and designed written project of 6-8,000 words (or equivalent) that is related to the student's specific research interests and/or relevant to a specific area of design To build on the research and critical skills acquired in other areas of the Programme. To explore various modes of articulating and presenting ideas within written and visual forms.</p>	<p><i>Learning activities:</i> Staff lectures and presentations will introduce various modes of writing and appropriate presentation formats. Students will be required to formulate a proposal via a poster presentation and evaluate its merits through group critique. The subject and format of the project will be discussed and agreed through tutorials with staff Modes of writing will be explored through practical writing workshops. The development and production of the project will be largely self-directed but supported by regular personal tutorials, practical advice from key academic staff and practical workshop assistance where appropriate. The final outcome is based around an illustrated and designed written publication of no more than 8,000 words including an abstract and bibliography (in Harvard Referencing format).</p>	<p><i>Assessment:</i> Presentation (20%) Dissertation (80%)</p>
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Health and social care

5400HSCIFC	Research Methods for Health and Social Care (20 c) Semester 2	<i>Module aim:</i> to enable the student to examine how research is conducted in health and social care	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> developing a research question (30%) research protocol (70%)
6400HSCIFC	Future Innovators (20 c) Semester 2	<i>Module aim:</i> For students to gain a critical understanding of project management in a variety of contexts	<i>Learning activities:</i> Learning activities will adopt a broken lecture format that will include a combination of formal teaching, group discussion, small group work and workshop style activities.	<i>Assessment:</i> Funding Application (100%)

History

4100HISENG	Practices of History (20 c) Semester 2	<i>Module aim:</i> Explain and contextualise primary source material. Critically analyse and comprehend secondary source material. To teach transferrable group-working skills Demonstrate Level 4 written communication skills.	<i>Learning activities:</i> Workshop sized classes Flipped Tutors	<i>Assessment:</i> Weekly Reports 1500w (50%) Reflective World of Work piece (10%) Group Project (40%)
4101HIST	Exploring History (20 c) Semester 2	<i>Module aim:</i> 1. To teach transferrable group-working skills 2. To encourage independent learning 3. To teach transferable project management skills 4. To deliver a focused, immersive research experience	<i>Learning activities:</i> Group-led Workshops with Personal Tutor support.	<i>Assessment:</i> Project (90%) Self Awareness Statement (10%)
4102HIST	The Faces of Britain (20 c) Semester 2	<i>Module aim:</i> 1. Set out the basic parameters and features of British political, social and cultural history through the nineteenth- and twentieth-centuries which account, through time, for our sense of national, local and social identity. 2. Explore the meaning of 'identity', where it comes from, what are its foundations, how is it made and reformed over time and relative to context. 3. Outline the key features of British culture and society to act as a foundation for future studies.	<i>Learning activities:</i> Each topic will be introduced by a one hour lecture; this will be followed by a two hour seminar. For the purposes of the seminar, the cohort will be divided across the teaching team in order to facilitate greater discussion within smaller groups. The tutor responsible for the lecture will provide a variety of primary and secondary sources that will form the basis of the seminar discussion, along with guided questions to shape and lead the debate.	<i>Assessment:</i> Seminar Reports (50%) Unseen Exam (50%)

4105HIST	The American Age: People, Politics and Power (20 c) Semester 2	<p><i>Module aim:</i> 1. Broaden your understanding of key moments in America's history that have shaped its development as a nation</p> <p>2. Provide you with the opportunity to engage with a variety of sources and historical tools to better understand America's past</p> <p>3. Support your developing a methodical, analytical and critical approach to the study of history</p>	<p><i>Learning activities:</i> Weekly reading to prepare for seminars and lectures Collating and interpreting source material Preparing for and delivering group presentation Attending and engaging with weekly taught sessions Workshops on poster presentations and exam technique Production of a poster – applying techniques learnt in class and drawing on the skills of your group to bring an issue related to America's history to life in a visual and academic manner.</p>	<p><i>Assessment:</i> Group Poster Project (50%) 2 hour unseen exam (50%)</p>
5102HIST	Research Paper (20 c) Semester 2	<p><i>Module aim:</i> 1. To allow students undertake an in-depth and defined research paper on a topic arising from studies undertaken in another module or modules at Level 5.</p> <p>2. To develop the ability of students to plan, implement and complete a substantial piece of written work under the guidance of a supervisor who has subject expertise.</p> <p>3. To develop the ability of students to discern, analyze and present a range of sources in a clear and articulate manner.</p>	<p><i>Learning activities:</i> Tutorial</p>	<p><i>Assessment:</i> Research Paper (5000 words) (100%)</p>

5104HIST	Global France: Nation, Empire and Society in Modern French History (20 c) Semester 2	<i>Module aim:</i> This module introduces students to key debates and themes in the history of modern France. Students will examine the elaboration of a particular idea of 'Frenchness' in the course of the period and the challenges to it both within France and abroad; the development of French imperialism, the significance of the French 'civilising mission' & its adaptation over time; the wars of decolonisation and their impact upon French politics, society and culture; the impact of 'Americanisation' on modern day France; France as a post-colonial power and the social and cultural impact of decolonisation.	<i>Learning activities:</i> Lectures, Seminars.	<i>Assessment:</i> Essay 2500 words (50%) 2 hour Unseen Exam (50%)
5105HIST	The Soviet Experiment, 1917-1991 (20 c) Semester 2	<i>Module aim:</i> 1. An understanding of the early Soviet state and its relationship to society. 2. Knowledge and skills to understand, identify and critically assess different kinds of source material. 3. Analytical, written and communication skills developed through workshops and assessments.	<i>Learning activities:</i> Workshops, tutorials	<i>Assessment:</i> 4 x Gobbets (40%) Long Essay (60%)
5106HIST	Colonial Africa, 1880-1994 (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to modern African history 2. To develop students' understanding of colonial rule in Africa 3. To develop students' understanding of decolonisation in Africa	<i>Learning activities:</i> Lectures, seminars and tutorials	<i>Assessment:</i> Essay (2500 words) (50%) 2 hour Unseen Exam (50%)

5111HIST	From Shogun to Showdown: Japan, 1853-1941 (20 c) Semester 2	<i>Module aim:</i> 1. To examine the programme themes of 'nation, state & power', 'globalism', 'culture, locale and identity' and 'technology, economy & society' in the context of a non-European, late-developing country: Japan since the Meiji Restoration. 2. To examine the overarching theme of 'continuity and change' in the context of Japan's modernisation 3. To explain the emergence of Japan as a major economic and military competitor of the western powers by the 1930s.	<i>Learning activities:</i> lectures and workshops	<i>Assessment:</i> Essay (50%) Unseen Exam (50%)
5114HIST	Supernatural Britain (20 c) Semester 2	<i>Module aim:</i> 1. Examine various supernatural/paranormal phenomena and place them in context. 2. Develop an understanding of the meanings and interpretation of supernatural/paranormal phenomena. 3. Foster an appreciation of the way in which the supernatural/paranormal have been represented in texts and images.	<i>Learning activities:</i> Each topic will be introduced by a one hour lecture, followed by a one hour seminar. These seminars will involve students searching digital collections and other online databases to discover sources that they will, with the assistance of the tutor choose to analyse in the assessments.	<i>Assessment:</i> Source Review (50%) Seen Exam (50%)
6106HIST	We would not know there was a war on. Life on the British Home Front During the Second World War. (20 c) Semester 2	<i>Module aim:</i> 1. To provide an insight into the people's experience of living day-by-day in Britain during the Second World War. 2. To encourage students to challenge the popular history and meta-narratives associated with the past with a view to engaging with a period from a more down-to-earth perspective. 3. Introduce students to the theoretical approach of cultural history, especially in relation to how people situate themselves within society irrespective of the greater events being played out around them.	<i>Learning activities:</i> Weekly lectures will provide background and contextual setting against which students will consider a range of primary source material in seminars. The seminars will provide a structured framework where sources will be dissected by students and used to stimulate discussion and debate.	<i>Assessment:</i> Essay (40%) Exam (60%)

6107HIST	Laws of War (20 c) Semester 2	<p><i>Module aim:</i> 1. Display a good understanding of the development of the historical development of the laws of armed conflict.</p> <p>2. Engage in historical debate on the success and failures of the international humanitarian law regime.</p> <p>3. Understand the relationship between societal change, mass culture and the practice of war.</p>	<i>Learning activities:</i> 1 x 3 Hour Lecture/workshop per week.	<i>Assessment:</i> Online Quiz (40%) Essay, 3000 Words (60%)
6115HIST	Queer Britain (20 c) Semester 2	<p><i>Module aim:</i> To investigate the formation of queer identities in Britain, 1880-1980. To achieve a detailed command of varying historical interpretations. To utilise a range of primary and secondary materials to assess how queer identities were formed, expressed and managed in Britain, 1880-1980.</p>	<i>Learning activities:</i> Lectures, Seminar, off-site field trip.	<i>Assessment:</i> Oral presentation (50%) Exam (50%)
6120HIST	When the Sun Set in the East: End of Empire in Southeast Asia (20 c) Semester 2	<p><i>Module aim:</i> 1. To apply historiographical themes in the study of decolonisation to a set of case-studies in the Southeast Asia region. 2. To examine the programme themes of 'nation, state and power', 'structure and agency' and 'culture, locale and identity' in relation to decolonisation in the developing world, and specifically in Southeast Asia. 3. To demonstrate variety and diversity in the experience of decolonization, particularly in Southeast Asia.</p>	<i>Learning activities:</i> Lectures and document-based workshops.	<i>Assessment:</i> Essay, 4000 words (100%)

6121HIST	International Fieldwork in History (20 c) Semester 2	<p><i>Module aim:</i> To provide students the opportunity to conduct a focused piece of independent work in an international context, under supervision, on an area congruent with the themes and substance of the History programme. To provide a vehicle for the improvement and development of a variety of transferable skills and abilities appropriate to the task in hand, from identification of</p> <p>Page 2 of 3</p> <p>appropriate topic/s through to the development of a study programme tailored to the needs of the student and the presentation of a clear, coherent and robust piece of reflective written work.</p> <p>To complement other modules via the opportunity to apply theories, methodologies or techniques to a substantive topic of particular interest to the student her/himself.</p> <p>To encourage students to monitor and reflect critically on their own learning.</p>	<i>Learning activities:</i> Workshops, off-site fieldwork trip	<i>Assessment:</i> Essay (50%) 2 x fieldwork analyses (50%)
6123HIST	The United States and the Middle East, 1801 - 2005 (20 c) Semester 2	<p><i>Module aim:</i> To enable the students to understand and articulate different interpretations of the 'Middle East' and the longevity of US engagement with the region. analysing how/why this has evolved over time</p> <p>To enable students to appraise and debate key primary sources on US foreign policy.</p> <p>To enable students to understand how categories of analysis – religion, orientalism, national security, etc – can be used to assess US policies and attitudes towards the Middle East.</p>	<i>Learning activities:</i> Seminars and Workshops.	<i>Assessment:</i> 10 minute presentation (40%) 2500 word essay (60%)

7102HIST	<p>Research Proposition and Development: Identification and Analysis of Primary Sources (30 c) Semester 2</p>	<p><i>Module aim:</i> To engage in independent and critical thinking, and to develop and engage with theoretical concepts in relation to a range of primary sources; To develop a knowledge of recent advances within the field and situate the proposed work accordingly; To develop and deploy strategies for identifying and accessing relevant research resources; To develop methodologies appropriate to specific research tasks within the field of modern history; To develop the ability to present and defend arguments and interpretations in an appropriate and scholarly manner; To define an appropriate area of research, map out appropriate methodologies, theoretical frameworks and resources and to modify an outline research project through discussion, reflection and feedback.</p>	<p><i>Learning activities:</i> The module is based around weekly sessions which take the form of seminars. The structure of the sessions will vary, depending on the nature of the material and the objectives of that particular session. Thus, students will get the opportunity to sample a variety of primary sources, practices associated with those and the attitude of professional historians. Seminars will cover a specific source and may involve students reporting back to the group on reading which has been assigned the week before, assessing material during sessions, a talk by the tutor on the subject, or a group discussion. In the research seminars, students will be leading the sessions through presentations on their primary source analysis.</p>	<p><i>Assessment:</i> Primary sources essay (80%) Dissertation Plan (20%)</p>
7103IR	<p>The War/Peace Cycle (20 c) Semester 2</p>	<p><i>Module aim:</i> Develop a comprehension of the theory, practice and historical development of the War/Peace Cycle Demonstrate an understanding of the strategic significance of the War/Peace cycle in international relations over the course of the last 200 years Build in-depth knowledge of a particular problem in the War/Peace cycle during the last 200 years.</p>	<p><i>Learning activities:</i> Lectures and Seminars</p>	<p><i>Assessment:</i> 3500 word essay on case study (60%) 1500 word summary (40%)</p>

7105IR	Colonial and post-colonial statebuilding in the 19th to 21st Centuries (20 c) Semester 2	<p><i>Module aim:</i> To engage with the deep history of western statebuilding projects in the non-western world</p> <p>To consider the ways in which western statebuilding projects have been shaped and transformed by the initiative of non-western social actors</p> <p>To consider the continuities and changes across the colonial and post-colonial eras of statebuilding experiments.</p>	<i>Learning activities:</i> Workshops	<p><i>Assessment:</i></p> <p>Research Essay (80%) Conference Presentation (20%)</p>
7106IR	US Democracy Promotion in the Contemporary World (20 c) Semester 2	<p><i>Module aim:</i> 1. To consider the US government's use of democratisation as a stability building measure within the context of critical peacebuilding literature.</p> <p>2. To enable students to identify how US administrations and key government departments included the language and practice of democracy promotion in key decision making through examining primary source material and secondary sources.</p> <p>3. To enable students to present and defend arguments and interpretations in an appropriate and scholarly manner.</p>	<i>Learning activities:</i> The sessions will be organised in 2 hour workshops and will include a series of mini-lectures, practical exercises, roundtable discussions and a conference at the end of the semester.	<p><i>Assessment:</i></p> <p>Conference Presentation (20%) Journal Article (80%)</p>

7109IR	International Theories and the Non-western World (20 c) Semester 2	<p><i>Module aim:</i> To critically examine the problem of eurocentrism in international relations and the rise of non-western thoughts as a response To appraise original texts and classic writings of non-western international thoughts To explore the historical and socio-political origins of non-western international thoughts To critically assess the rigour and theoretical status of non-western international thoughts To examine the influences of non-western thoughts on the real practice of international relations To analyse the impacts of the non-western world on the western societies</p>	<p><i>Learning activities:</i> Weekly lectures will provide background and contextual setting against which students will consider a range of primary source material in workshops. The workshops will provide a structured framework where sources will be dissected by students and used to stimulate discussion and debate.</p>	<p><i>Assessment:</i> 1500 word text analysis (40%) 3000 word Essay (60%)</p>
7110IR	International Politics and Development in Asia-Pacific (20 c) Semester 2	<p><i>Module aim:</i> To critically assess the social, economic and political forces that shape contemporary Asia-Pacific To understand the trajectories of state-formation of major powers in the region, such as China, Japan, Korea and the Southeast Asia To critically examine the longue duree history that has produced the international politics of the region To explore variegated developmental forces, such as social revolution and economic reforms in different countries that have shaped the region To critically evaluate the region's role in world politics.</p>	<p><i>Learning activities:</i> Weekly lectures will provide background and contextual setting against which students will consider a range of primary source material in seminars. The seminars will provide a structured framework where sources will be dissected by students and used to stimulate discussion and debate.</p>	<p><i>Assessment:</i> Issue Analysis 1500 words (40%) Question-based Essay 3000 word (60%)</p>

7111IR	Latin America and the Cold War (20 c) Semester 2	<p><i>Module aim:</i> To provide students with an understanding of the impact of the Cold War in Latin America.</p> <p>To enable students to understand the intersection between domestic and international dynamics across different countries in Latin America.</p> <p>To enable students to think beyond traditional approaches to the 'bipolar conflict' associated with the Cold War.</p>	<i>Learning activities:</i> Workshops	<p><i>Assessment:</i> 3 x 700 words Portfolio (50%) 2400 word Research Essay (50%)</p>
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Human resources

4150BUSHR	Social, Political, Economic and Legal Context of HR (20 c) Semester 2	<i>Module aim:</i> This module will use 'lived history' case studies to demonstrate how history and sociology has impacted on HR practice and employee legislation. It will recognise the significance of the EU, state, trade union and employers and how they have historically shaped the contemporary employment relationship. It will explore how politics has sculptured HR practice over the decades and review who are the key actors/agencies. This will cover the differing influences opposing political parties have had on the UK and EU and how this has impacted on organisations, HR and the population.	<i>Learning activities:</i> A series of workshops with individual activities and case scenarios to explore the social, political, economic and legal context of HR	<i>Assessment:</i> Test (30%) Group Presentation (70%)
4160BUSHR	HR PRACTITIONER SKILLS (20 c) Semester 2	<i>Module aim:</i> To develop key skills and behaviours areas in HR practitioners to enhance employability and give a more practical toolkit to support theoretical perspectives. <i>Learning Outcomes:</i> After completing the module the student should be able to: 1Manage themselves and relationships at work in ways consistent with professional codes of practice. 2Understand how to conduct interviews and meetings in respect of: Job appointments; Performance Review; Employee engagement, Discipline and Grievance. 3Review own performance in respect of best practice examples.	<i>Learning activities:</i> Learning Activities: Workshop format, plus guided activities using BlackBoard: - Case studies that are introduced in class that students discuss 'virtually'; - Role plays to practice interview skills and provide peer review feedback. Skills development – formative feedback recorded in learning logs to form part of the portfolio assessment	<i>Assessment:</i> LearningSkillsPortfolio (90%) Self Awareness (10%)

4170BUSHR	Management Practice (20 c) Semester 2	<i>Module aim:</i> To develop an awareness of integrated business from a cross functional perspective, making the HR student more business savvy	<i>Learning activities:</i> Workshops, seminars, tutorials, case studies and business simulation	<i>Assessment:</i> Portfolio (60%) Reflection (40%)
4220BSPTHR	Social and Legal Framework for Business and HR (30 c) Semester 2	<i>Module aim:</i> This module will use 'lived history' case studies to demonstrate how history and sociology has impacted on HR practice and employee legislation. It will recognise the significance of the EU, state, trade union and employers and how they have historically shaped the contemporary employment relationship. It will explore how politics has sculptured HR practice over the decades and review who are the key actors/agencies. This will cover the differing influences opposing political parties have had on the UK and EU and how this has impacted on organisations, HR and the population.	<i>Learning activities:</i> A series of workshops with individual activities and case scenarios to explore the subject matter of the module	<i>Assessment:</i> Presentation (70%) Test (30%)
5140BUSHR	Development, Coaching and Performance (20 c) Semester 2	<i>Module aim:</i> To introduce students to the theoretical concepts of development, coaching, and performance. To provide students with the practical skills needed to manage development and performance.	<i>Learning activities:</i> Lectures to introduce academic / theoretical concepts of development and performance Seminars to focus on small group work which will further embed ideas and concepts introduced and discussed in lectures, with a strong focus on case studies / practical exercises.	<i>Assessment:</i> Group Business report (100%)

5150BUSHR	Introduction to Research Methods (20 c) Semester 2	<p><i>Module aim:</i> The module aims to develop student skills in the research process. Students will learn the whole research process through attending lectures, conducting online exercises and discussions, and participating in workshops. Students will work on a real research problem which will develop their skills in designing and implementing quantitative and qualitative research projects.</p> <p>In addition, the module aims to prepare students for their level six independent Impact report, by enabling them to critically review and summarise literature and independently conduct a research project utilising quantitative and qualitative research tools. Furthermore, this module aims to equip students with the skills needed to analyse qualitative and quantitative data using softwares (e.g. SPSS for quantitative and NVivo for qualitative).</p> <p>The students learning will be assessed through a 2500 word research proposal.</p>	<p><i>Learning activities:</i> The module will be taught through lectures, online activities, and interactive workshops. The lectures are designed to disseminate the required research methods knowledge, the online sessions are intended to allow students to get more engaged with relevant videos, exercises and group discussions. Finally the workshops will allow the students to practice their acquired research skills and get instant feedback from their instructor.</p>	<p><i>Assessment:</i> Research Proposal (100%)</p>
5160BUSHR	Advanced Selection Practice (20 c) Semester 2	<p><i>Module aim:</i> To design and deliver Assessment Centre activities to measure core competencies and to create effective feedback on performance in the activities undertaken</p>	<p><i>Learning activities:</i> Participative workshops with practical sessions where the students design and deliver a full Assessment Centre with participant feedback.</p>	<p><i>Assessment:</i> Practice (100%)</p>
5210BSPTHR	Work Psychology (30 c) Semester 2	<p><i>Module aim:</i> The aim of the module is to understand people's behaviour, thoughts and emotions related to their work. This knowledge can then be used to improve the understanding and management of people (including self)</p>	<p><i>Learning activities:</i> A series of workshops with individual activities and case scenarios to critically analyse and explore individual behaviour in the workplace</p>	<p><i>Assessment:</i> Group Presentation (50%) Report (50%)</p>

5222BCPDHR	Organisational Performance & Employee Relations (20 c) Semester 2	<i>Module aim:</i> The module will explore professional HRM Practice and combine academic theory and practitioner skills to core concepts such as; employee relations, disciplinary and grievance, reward, performance management and ethical HRM. The module will be the second step in the CPD Certificate in HRM programme and will provide the knowledge requirements of the CIPD Certificate Intermediate Standards equipping students with the academic content required to achieve Associate Membership CIPD.	<i>Learning activities:</i> Participative lectures to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.	<i>Assessment:</i> Report (40%) Test (60%)
6150BUSHR	Organisational Development & Change Management (20 c) Semester 2	<i>Module aim:</i> To acquire knowledge about issues and dimensions of organisational development To recognise the importance of people change factors in a determining appropriate organisational development intervention to improve an organisation To appreciate the key issues to be achieved when implementing an organisational development strategy To be able to apply theoretical knowledge to practical situations involving an organisation's responses to organisational development	<i>Learning activities:</i> Lectures, seminars, case studies, group discussion, on line discussion and group chat forums, group presentation as informal half way point.	<i>Assessment:</i> report (100%)
6160BUSHR	Dissertation and Impact Report (20 c) Semester 2	<i>Module aim:</i> To enable participants to produce an impact project that investigates a Human Resource Management (HRM) issue, by using a body of contemporary knowledge to identify the impact that the research can or has made to the HRM arena.	<i>Learning activities:</i> Sharing different sections of their report with the class Getting feedback on their work Action learning activities	<i>Assessment:</i> Impact Report (100%)

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6170BUSHR	Strategic HR Competencies (20 c) Semester 2	<i>Module aim:</i> The module will review strategic HR practitioner competencies and behaviours. Students will explore various challenges in contemporary HR and critically evaluate practical role-play and documentation associated with this.	<i>Learning activities:</i> Participative workshops with practical sessions reviewing theory, case studies and group work. Students will also be involved in designing and delivering an employment tribunal role play with participant feedback.	<i>Assessment:</i> Employee Relations Simulation (100%)
6210BSPTHR	Strategic HR (30 c) Semester 2	<i>Module aim:</i> To use academic literature to critically appraise an organisational context and make recommendations using a Strategic HRM framework	<i>Learning activities:</i> Participative workshops to identify key areas of theory and develop critical skills to analyse use of theory and literature within an organisational context	<i>Assessment:</i> Presentation (25%) Report (75%)
6230BSPTHR	The Employment and Legal Relationship (30 c) Semester 2	<i>Module aim:</i> To analyse perspectives on and practice of employee engagement and employment relations in contemporary organisations.	<i>Learning activities:</i> Workshops to analyse concepts and practice, including the use of case studies and discussion of contemporary organisational approaches within an academic framework. Supported Learning through Black Board.	<i>Assessment:</i> Report 1 (100%)
7003BUSMHR	Strategic HR and Leadership (20 c) Semester 2	<i>Module aim:</i> To enable students to critically evaluate HR's role within an organisation and its contribution to HR strategy	<i>Learning activities:</i> Students will learn through the use of relevant, up-to-date case studies and critical debate	<i>Assessment:</i> Exam (100%)

7005BUSMHR	Managing and Developing Talent (20 c) Semester 2	<i>Module aim:</i> to critique management strategies, particularly organisational strategy dedicated to attracting, managing and retaining talent. To examine the barriers, challenges and opportunities available to HRM to maximise talent potential in the workforce. an on line component will be provided to deepen subject knowledge around case examples; students will be required to lead as well as contribute to others' questions raised from case examples on the discussion board and in class. Further, to use and critique digital HR systems like Oracle and Nexus in order to appreciate and develop digital HR knowledge and skills.	<i>Learning activities:</i> lectures; discussion groups; on line discussion; case study work; presentations; digital practice using Oracle and other HR digital systems.	<i>Assessment:</i> essay (100%)
7006BUSMHR	Development and Performance Strategies (10 c) Semester 2	<i>Module aim:</i> To critique development and performance strategies. To examine the issues and opportunities surrounding these two complementary, yet distinct HR functions.	<i>Learning activities:</i> Workshops to encourage small group discussion	<i>Assessment:</i> In class test (100%)
7013BUSIHR	OD in an International Arena (20 c) Semester 2	<i>Module aim:</i> to explore the stages of OD and how the challenges and opportunities of running an OD project in an international environment.	<i>Learning activities:</i> lectures, case studies, production of indigenous theory to more make OD more culturally relevant to a global market, discussion both on line and in class.	<i>Assessment:</i> 3000 essay (100%)

7014BUSIHR	International Consultancy Skills (10 c) Semester 2	<p><i>Module aim:</i> 1 Critically assimilate the relationship between the organisation's business model and its performance. 2 Critically analyse the context of the economy and how it impacts on people and organisations globally. 3 Critically evaluate the role, behaviours and attitudes of HR consultants in a changing commercial environment.</p>	<p><i>Learning activities:</i> Workshop format. Students will be required to apply their knowledge within varying organizational contexts, and to review and evaluate contemporary literature/research. Case studies will be used to assist in this process and students will discuss approaches used in known organizations. Blackboard discussion groups and on line provision of session materials.</p>	<p><i>Assessment:</i> Commercial proposal (100%)</p>
7015BUSIHR	Strategic Management (20 c) Semester 2	<p><i>Module aim:</i> To critically appraise organisational strategy and context recognising market positioning and organisational capacity.</p>	<p><i>Learning activities:</i> Participative workshops to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.</p>	<p><i>Assessment:</i> Case Study (100%)</p>
7016BUSIHR	Change Management (10 c) Semester 2	<p><i>Module aim:</i> To evaluate approaches to organisational change and critically appraise organisational mechanisms and behavioural responses to the management of change.</p>	<p><i>Learning activities:</i> Participative workshops to identify key areas of theory and literature. Practical and participative workshops developing critical skills to analyse use of theory and literature within an organisational context.</p>	<p><i>Assessment:</i> Report (100%)</p>

Journalism

4034JOURN	Reporting Skills (20 c) Semester 2	<i>Module aim:</i> To hone sourcing, reporting and interview skills developed in semester one and to apply these skills to the reporting of courts, councils and other such institutions.	<i>Learning activities:</i> Lectures on the reporting process and workshops in which students will develop practical skills using appropriate sources of information. Seminars to critically analyse good practice and journalistic processes. Visits to crown court and council meetings.	<i>Assessment:</i> Portfolio (100%)
4035JOURN	Understanding News Media (20 c) Semester 2	<i>Module aim:</i> 1. A knowledge of the historical context of today's news media 2. An understanding of today's news media industry 3. A knowledge of the main theoretical concepts that apply in understanding the news media	<i>Learning activities:</i> Lectures and seminars	<i>Assessment:</i> Essay - 2000 Words (50%) Test (50%)
4036JOURN	Sports Journalism Skills (20 c) Semester 2	<i>Module aim:</i> 1. Develop the knowledge and skills required to produce match/event reports across a number of sports. 2. Work in a number of simulated environments that replicate those that a sports journalist would routinely face. 3. Develop the skills and ethical awareness required to enable them to perform as responsible working sports journalists. 4. Reflect and analyse the journalistic processes undertaken in production elements and discuss issues involved in the practise of sports journalism.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Portfolio (100%)

4037JOURN	Sport and Society (20 c) Semester 2	<p><i>Module aim:</i> 1. Integrate relevant theoretical approaches related to the study of sports journalism..</p> <p>2. Contextualise the development of sports journalism and the historic aspects that have shaped the role today.</p> <p>3. Critically analyse how sports journalism deals the issues such as homophobia, gender and race.</p> <p>4. Identify relevant examples of how national identity and issues of nationalism are presented within certain aspects of sports media.</p> <p>5. Communicate both verbally and in written form on a range of themes that have relevance to sports journalism and the wider society.</p>	<p><i>Learning activities:</i> Lectures and seminars.</p>	<p><i>Assessment:</i> Presentation (50%) Essay (50%)</p>
5033JOURN	Multi-Media News Practice (20 c) Semester 2	<p><i>Module aim:</i> 1. To build on students' previous learning to prepare them to work independently and as part of a newsroom team as multi-skilled researchers, reporters and producers in radio, television and online news, and, current affairs programming in a multi- platform environment.</p> <p>2. An introduction to editorial and production roles and skills for news and current affairs programmes.</p> <p>3. To develop Mobile newsgathering skills using smart technology</p> <p>4. To develop students' ability to critically evaluate, analyse and reflect upon their learning.</p>	<p><i>Learning activities:</i> Lectures, and News days</p>	<p><i>Assessment:</i> Porfolio (50%) Test (40%) Essay (10%)</p>

5034JOURN	UK Law and Ethics for Journalists (20 c) Semester 2	<i>Module aim:</i> 1. A critical understanding of law and ethics as it affects journalism. 2. Familiarise students with industry codes of practice. 3. Develop a thorough understanding of the regulatory, theoretical and practical issues involved in reporting legal proceedings. 4. Develop the ability to critically analyse problems of law and ethics and present appropriate solutions.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Essay - 2000 Words (50%) Exam (50%)
5035JOURN	Magazine Journalism (20 c) Semester 2	<i>Module aim:</i> To introduce students to long-form journalistic writing and enable them to produce and critically evaluate such work To introduce students to print design through the form of magazines. To enable students to understand the process of sub-editing and print production. To introduce students to industry standard design software.	<i>Learning activities:</i> Lectures, workshops and directed independent learning	<i>Assessment:</i> Portfolio (60%) Artefact (40%)
5037JOURN	International Law and Ethics for Journalists (20 c) Semester 2	<i>Module aim:</i> 1. A critical understanding of law and ethics as it affects journalism. 2. Familiarise students with industry codes of practice in the UK and internationally. 3. Develop a thorough understanding of the regulatory, theoretical and practical issues involved in reporting legal proceedings internationally. 4. Develop the ability to critically analyse problems of law and ethics and present appropriate solutions.	<i>Learning activities:</i> Lectures and seminars.	<i>Assessment:</i> Essay - 2000 Words (50%) Exam (50%)

5039JOURN	Sports Feature Writing (20 c) Semester 2	<p><i>Module aim:</i> 1. Produce features and profiles, opinion pieces, and other articles on a set and coherent theme.</p> <p>2. Research and identify relevant sources needed in the production of sports features.</p> <p>3. Show awareness of the varying types of markets and audiences available for the publication of the type of work produced though out the module.</p> <p>4. Reflect and analyse the journalistic processes undertaken in production elements and discuss issues involved in the practice of sports journalism</p>	<p><i>Learning activities:</i> Lectures and seminars.</p>	<p><i>Assessment:</i> Portfolio (75%) Essay (25%)</p>
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7021JOURN	International Relations for Journalists (20 c) Semester 2	<p><i>Module aim:</i> 1.To allow students to pursue a systematic study of international relations relevant to the work of mainstream news organisations.</p> <p>2. To examine the theory and practice of international relations focusing in particular on cultural, economic and security relations.</p> <p>3. To enable students to draw upon the analyses and insights of IR scholars in gathering and constructing international news</p>	<p><i>Learning activities:</i> Lectures, seminars and tutorials to support coursework preparation.</p>	<p><i>Assessment:</i> Exam (30%) Report (70%)</p>
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7023JOURN	Comparative Media Analysis (20 c) Semester 2	<p><i>Module aim:</i> 1. Gain knowledge and understanding of the main influences on news-orientated media in a variety of countries.</p> <p>2. Analyse and evaluate how these influences affect the performance and influence of the media in different countries</p> <p>3. Analyse and evaluate how social media is impacting on the production and effects of the media in a variety of contrasting countries</p>	<p><i>Learning activities:</i> Lectures, Seminars</p>	<p><i>Assessment:</i> Presentation (40%) Essay (60%)</p>
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7027JOURN	Advanced UK Broadcast Journalism (30 c) Semester 2	<i>Module aim:</i> Students will synthesise their skills or writing, reporting and production whilst working to produce journalism broadcast artefacts both in groups and individually that approach professional UK standards	<i>Learning activities:</i> Seminars and Workshops	<i>Assessment:</i> Portfolio (80%)
7027JOURN	Advanced UK Broadcast Journalism (30 c) Semester 2	<i>Module aim:</i> Students will synthesise their skills or writing, reporting and production whilst working to produce journalism broadcast artefacts both in groups and individually that approach professional UK standards	<i>Learning activities:</i> Seminars and Workshops	<i>Assessment:</i> Portfolio (80%)
7029JOURN	Magazine Production (20 c) Semester 2	<i>Module aim:</i> To introduce students to the area of magazine production and publication, including industry-standard software To hone students' long-form writing skills To develop students' abilities to evaluate, emulate and innovate in the areas of magazine design.	<i>Learning activities:</i> Lectures and Workshops	<i>Assessment:</i> Portfolio (80%) Group Magazine (20%)
7030JOURN	Journalism Project (20 c) Semester 2	<i>Module aim:</i> To allow working journalists or those with considerable experience in journalism to research an aspect of journalistic production in some depth. The project is self-determined and agreed with the module leader.	<i>Learning activities:</i> Tutorials	<i>Assessment:</i> Project (100%)
7031JOURN	Broadcast Journalism Project (10 c) Semester 2	<i>Module aim:</i> To allow students who have completed the Advanced Broadcast Journalism module to enhance their professional practice and apply features treatment to a story.	<i>Learning activities:</i> Seminars and tutorials	<i>Assessment:</i> Project (100%)

Law

4100LAWCL	Law of Tort (20 c) Semester 2	<i>Module aim:</i> To analyse, explain and illustrate the ways in which tortious obligations are created and compensated.	<i>Learning activities:</i> Lectures, seminars and on-line tutorials.	<i>Assessment:</i> 2500 words Essay (50%) Exam (50%)
4100LAWPL	Criminal Law (20 c) Semester 2	<i>Module aim:</i> To introduce the student to the underlining principles to criminal liability and any recognizable defences. To introduce the student to the main substantive offences from Homicide to assault offences. To develop and harness the knowledge of the student so that they are able to demonstrate which offence(s) is applicable by source and enunciate the relevant statutory and common law principles that must be established to prove that offence. To encourage the student to demonstrate an ability to use relevant legal material and present an argument which is both coherent and comprehensible.	<i>Learning activities:</i> The teaching of the module will consist of lectures and seminars. The lectures are designed to introduce the student to a particular element of evidential law and then provide a sound basis of knowledge, awareness and application of the principles under review. Conversely, seminars are designed for intensive and detailed student input. Accordingly, students need to be thoroughly prepared in readiness for the seminar otherwise the full benefit will be lost. The study of criminal law does demand a considerable amount of self-study, reading and research, but is an interesting and vibrant subject area and will improve preparation, analytical, decision making skills.	<i>Assessment:</i> 2500 words essay (50%) 2 Hour unseen examination (50%)

4101LAWPL	Public Law (20 c) Semester 2	<i>Module aim:</i> Public Law is basically concerned with the law and politics governing the relations between the various institutions of the UK State, such as Parliament, the judiciary and the Government. It also examines the relations, legal and otherwise between the citizen and the State. It examines notions of constitutionalism and enquires into how we can speak of Constitutional law in the UK by reference to principles such as Parliamentary Sovereignty and the Rule of Law. It then investigates how the Government, or Executive, administers the UK State and also considers the effect this has on us as individual citizens and considers the differing methods, political, administrative and legal, of holding the Executive to account.	<i>Learning activities:</i> A series of lectures and seminar tasks set around the undermentioned topics: 1. Parliament and the Democratic Process 2. UK Constitution and constitutional principles 3. Parliamentary Sovereignty 4. The Rule of Law 5. Membership of the European Union and its impact on the UK Constitution 6. Civil Liberties and the Human Rights Act 1998 7. Administrative law theories and Executive powers 8. Ministerial Responsibility 9. Tribunals 10. Judicial Review	<i>Assessment:</i> 4000 words essay (100%)
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5100LAWCL	Law of Tort (20 c) Semester 2	<i>Module aim:</i> To analyse, explain and illustrate the ways in which tortious obligations are created and compensated.	<i>Learning activities:</i> Lectures, seminars and on-line tutorials.	<i>Assessment:</i> Essay (50%) Exam (50%)
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5102LAWCL	Remedies in Contract, Tort & Restitution (20 c) Semester 2	<i>Module aim:</i> To analyse, explain and illustrate the primary English Common Law remedies in contract, tort and restitution.	<i>Learning activities:</i> Lectures and seminars	<i>Assessment:</i> 2000 words essay (25%) Exam (75%)
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5104LAWCL	Land Law (20 c) Semester 2	<i>Module aim:</i> • To develop a sound understanding of the foundations of Land Law, in terms of statute law, common law and equitable principles. • To develop the key transferable skills of identifying and understanding relevant legal sources, consolidating knowledge through synthesising these sources, logical analysis through applying this knowledge to problem and essay questions in Land Law.	<i>Learning activities:</i> Lectures , Workshops , plus one-to-one coursework feedback sessions.	<i>Assessment:</i> 2000 words essay (25%) Unseen Exam (75%)
5106LAWCL	Sports Law (20 c) Semester 2	<i>Module aim:</i> To provide students with a critical evaluation of the legal framework within which sport operates.	<i>Learning activities:</i> Lectures Seminars Seminar and Exam preparation	<i>Assessment:</i> 2.5 Hour unseen examination (100%)
5107LAWCL	Law of Succession (20 c) Semester 2	<i>Module aim:</i> To provide students with an understanding of the law relating to wills, intestacy, the administration of estates of deceased persons and the practical and technical application of that law.	<i>Learning activities:</i> Interactive lectures Student led case study and problem solving seminars.	<i>Assessment:</i> 2500 words essay (50%) Exam (50%)
5109LAWPL	Law and the Vulnerable Person (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with an understanding and critical awareness of the law relating to the vulnerable person. 2. To provide both a doctrinal and social and legal approach encouraging students to think about law in its wider context. 3. To critically examine conflicting policies and laws affecting the vulnerable person with a particular focus on mental health anti-social behaviour and social housing. 4. To build upon the knowledge of criminal and public law developed as a result of having completed the core modules 'Criminal Law' and "Public Law" at Level 4.	<i>Learning activities:</i> Lectures, seminars, virtual learning support, and additional academic support as necessary	<i>Assessment:</i> 4000 words essay (100%)

5112LAWPL	Law of the Single Market (20 c) Semester 2	<i>Module aim:</i> To convey and understanding of the fundamental freedoms protected by the Single Market. To explore the law relating to the free movement of goods. To demonstrate how EU protects the rights of free moving persons.	<i>Learning activities:</i> Lectures Seminars Workshops	<i>Assessment:</i> 1500 word Essay (40%) 3000 word Portfolio (60%)
6101LAWCL	Remedies in Contract, Tort & Restitution (20 c) Semester 2	<i>Module aim:</i> To analyse, explain and illustrate the primary English Common Law remedies in contract, tort and restitution.	<i>Learning activities:</i> Lectures and seminars	<i>Assessment:</i> 2000 words essay (25%) Exam (75%)

6101LAWFL	Negotiation (20 c) Semester 2	<p><i>Module aim:</i> 1 To increase students' awareness of:-</p> <p>(a) the negotiation process in general; and</p> <p>(b) their own negotiating behaviour and the implicit working assumptions that underlie it.</p> <p>2 To develop students understanding of and how to develop operational frameworks and analytic tools for preparing for and conducting negotiations.</p> <p>3 To help you improve students skills in negotiation, joint decision-making, and joint problem-solving, and to help you to keep refining those skills</p> <p>4 To develop Students employability skills generally in relation to problem solving, teamwork, written communication planning and preparation, acting on initiative, reasoning and information literacy and ICT skills.</p>	<p><i>Learning activities:</i> 1. One 'whole group' lecture, on negotiation;</p> <p>2. One 'whole group' session on preparing for and planning an effective negotiation and mediation (one session on each skill);</p> <p>3. 10 inter-active 'workshops' on negotiation where students will perform and review their performance in each skill;</p> <p>4. Students will act as peer reviewers in these workshops</p> <p>5. Preparation for the above-mentioned sessions documented via a portfolio on Blackboard.</p> <p>6. Formative feedback on the performance of each skill provided by tutors within each practical/workshop.</p> <p>7. Mock assessments of each skill with formative feedback of each skill provided by tutor.</p>	<p><i>Assessment:</i> Performance and Review (100%)</p>
6102LAWBL	Commercial Law (20 c) Semester 2	<p><i>Module aim:</i> To provide a detailed analysis of the various laws relevant to commercial transactions and to examine the various remedies available to buyers and sellers.</p>	<p><i>Learning activities:</i> Lectures Seminars Exam preparation</p>	<p><i>Assessment:</i> 3 Hour unseen Examination (100%)</p>

6102LAWLT	Gender, Sexuality and the Law (20 c) Semester 2	<i>Module aim:</i> Gender, Sexuality and the Law is designed to enable students to critically engage with the law and policy issues relating to issues of gender and sexuality. It aims to provide students with an understanding and critical awareness of feminist jurisprudence and gender theory. Through engagement with the theoretical perspectives, the module aims to enable students to critically evaluate current legal regulation relating to issues of gender and sexuality.	<i>Learning activities:</i> Lectures 20 hours Workshops 10 hours, including a coursework feedback session.	<i>Assessment:</i> Poster (20%) 3500 words essay (80%)
6102LAWPL	Sex, Crime and Society (20 c) Semester 2	<i>Module aim:</i> To develop a knowledge and understanding of the principles, policies and doctrines relating to the criminalisation and de-criminalisation of sexual, and sexually-related, behaviour within society. To provide a critical analysis of the rationale for, and scope of, a selective range of sexual offences in their socio-legal context. To provide a critical awareness of the issues and challenges involved in applying relevant legal principles to legal scenarios.	<i>Learning activities:</i> Lectures, workshops, self-directed study, structured revisions sessions, coursework preparation.	<i>Assessment:</i> 2,500 words coursework (50%) Unseen Exam (50%)
6104LAWCL	Law of Succession (20 c) Semester 2	<i>Module aim:</i> To provide students with an understanding of the law relating to wills, intestacy, the administration of estates of deceased persons and the practical and technical application of that law.	<i>Learning activities:</i> Interactive lectures Student led case study and problem solving seminars.	<i>Assessment:</i> 2500 words essay (50%) Exam (50%)

6106LAWBL	Employment Law (20 c) Semester 2	<p><i>Module aim:</i> 1. Understand the various sources of employment law</p> <p>2. Develop an understanding of fundamental legal principles governing the employment relationship.</p> <p>3. Appreciate and critically assess contemporary issues surrounding employment law.</p> <p>4. Evaluate how political, social and economic issues influence employment law.</p>	<p><i>Learning activities:</i> Lectures improve students' note taking skills</p> <p>Tutorial preparation of set tasks with past examination questions for students to attempt and gain informal formative feedback.</p> <p>Independent study takes the form of directed study following on from lectures and in preparing for seminars.</p> <p>Module materials are available on Blackboard (virtual learning environment).</p>	<p><i>Assessment:</i> 2500 words essay (50%) 2 hour exam (50%)</p>
6106LAWCL	Evidence (20 c) Semester 2	<p><i>Module aim:</i> 1.1 To introduce the student to the important principles that govern evidence, namely that of relevance, admissibility weight, and exclusion.</p> <p>1.2 To introduce the student to the various categories of evidence, the trial process and basic criminal procedure.</p> <p>1.3 To develop and harness the knowledge of the student so that they are able to demonstrate which type of evidence is applicable by source.</p> <p>1.4 To develop a proper awareness and understanding of the applicable rules of evidence and be able to enunciate the underlying principles and policies.</p> <p>1.5 To encourage the student to demonstrate an ability to use relevant legal material and present an argument which is both coherent and comprehensible.</p>	<p><i>Learning activities:</i> The teaching of the module will consist of lectures and seminars. The lectures are designed to introduce the student to a particular element of evidential law and then provide a sound basis of knowledge, awareness and application of the principles under review. Conversely, seminars are designed for intensive and detailed student input. Accordingly, students need to be thoroughly prepared in readiness for the seminar otherwise the full benefit will be lost.</p> <p>The study of evidence offences does demand a considerable amount of self-study, reading and research, but is an interesting and vibrant subject area and will improve preparation, analytical, decision making skills.</p>	<p><i>Assessment:</i> 2,500 words essay (50%) 2 Hour unseen examination (50%)</p>

6107LAWCL	Medical Law and Ethics (20 c) Semester 2	<i>Module aim:</i> To provide students with a conceptual, ethical and legal framework for the analysis of important issues in Medicine and Biotechnology	<i>Learning activities:</i> This Module will be taught by the delivery of lectures and working with small groups on topics/issues raised in the lectures or discussed in the Module Workbook.	<i>Assessment:</i> 2500 words essay (50%) 2 Hour Unseen Examination (50%)
6108LAWPL	The United Nations and International Security (20 c) Semester 2	<i>Module aim:</i> The module seeks to introduce students to the work of the United Nations in the maintenance and restoration of international peace and security. Upon completion of the module, students will have an understanding of the legal framework which governs the work of the UN in this area, and be aware of the influence of political factors upon the operation of this framework.	<i>Learning activities:</i> Lectures Seminars Tutorials	<i>Assessment:</i> 4500 words essay (100%)
6110LAWCL	Animal Welfare and the Law (20 c) Semester 2	<i>Module aim:</i> To enable students to examine the law relating to animals in terms of it's ethical, political and practical implications.	<i>Learning activities:</i> There will be 9 lectures. Students will also attend one or more personal seminar sessions with the team in order to discuss ideas for their work and/or to negotiate a personal essay title.	<i>Assessment:</i> AS1 - Short Communication (40%) AS2- Essay (60%)
6116LAWCL	Law Relating to Financial Crime (20 c) Semester 2	<i>Module aim:</i> To provide a comprehensive understanding of the nature, impact and measures to deal with the range of financial crime	<i>Learning activities:</i> Lectures and Seminars	<i>Assessment:</i> Essay 4500 words (100%)

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6120LAWBL	Corporate Insolvency Law (20 c) Semester 2	<p><i>Module aim:</i> Develop a critical understanding of the role and functions of UK corporate insolvency law.</p> <p>Develop a critical understanding of the alternatives to insolvency that are open to financially distressed companies in the UK.</p> <p>Develop a critical understanding of the terminal options for financially distressed companies in the UK.</p> <p>Develop a critical awareness of the effects of insolvency, for the various parties affected by the collapse of a company, and the extent to which these are addressed by the insolvency regime.</p>	<p><i>Learning activities:</i> Lectures, seminars, workshops</p>	<p><i>Assessment:</i> 4,500 word coursework assignme (100%)</p>
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7129LAWPL	Postgraduate Legal Research Methods (20 c) Semester 2	<p><i>Module aim:</i> 1. Provide students with the opportunity to appraise methodological approaches to researching issues of global crime, justice & security</p> <p>2. Provide students with the skills required to undertake a dissertation at postgraduate level</p> <p>3. Encourage students in the development of their research skills</p>	<p><i>Learning activities:</i> Series of 9 substantive seminars</p>	<p><i>Assessment:</i> Essay (5000 words) (100%)</p>
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7130LAWPL	Postgraduate Legal Research Methods (Socio-legal) (20 c) Semester 2	<p><i>Module aim:</i> 1. Provide students with the opportunity to appraise methodological approaches to researching issues of global crime, justice & security</p> <p>2. Provide students with the skills required to undertake a dissertation at postgraduate level</p> <p>3. Encourage students in the development of their research skills</p>	<p><i>Learning activities:</i> Series of 9 substantive seminars</p>	<p><i>Assessment:</i> Essay (5000 words) (100%)</p>
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7131LAWPL	The United Nations, International Security & Global Justice (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with an appreciation of the role performed by the United Nations in the maintenance of international peace and security. 2. To provide students with a critical understanding of the relationship between the United Nations, states and other international and regional organisations operating in the security sphere. 3. To consider the operation of the United Nations collective security system in relation to contemporary international developments.	<i>Learning activities:</i> Series of 9 substantive seminars	<i>Assessment:</i> 5000 WORD ESSAY (100%)
7132LAWPL	Global Crime & Security (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with an understanding of current global challenges presented by organized crime and terrorism 2. To provide students with knowledge and critical analysis of key themes of global crime and security set against an international backdrop. 3. To provide students with an understanding of the relationship between political and legal responses to global crime and terrorism	<i>Learning activities:</i> Series of 9 substantive seminars	<i>Assessment:</i> 5000 word essay (100%)
7133LAWPL	EU Foreign Security & Justice Policy (20 c) Semester 2	<i>Module aim:</i> 1. Provide students with the opportunity to examine contemporary issues arising from the EU Foreign, Security & Justice Policy 2. Provide students with the opportunity to understand and critically analyse the complexities arising from the EU Foreign, Security & Justice Policy 3. Provide students with the opportunity to consider contemporary global problems through the prism of EU law and policy	<i>Learning activities:</i> Series of 9 substantive seminars	<i>Assessment:</i> 5000 word essay, (100%)

7134LAWPL	Gendered Perspectives on International Law (20 c) Semester 2	<p><i>Module aim:</i> 1. To enable students to gain a critical understanding of gender and feminist theory relating to international law.</p> <p>2. To provide students with the ability to evaluate and critically reflect on contemporary issues in international law that relate to issues of gender.</p> <p>3. To provide students with the opportunity to engage with current debates in the field through the delivery of intellectually-stimulating course content underpinned by research.</p>	<p><i>Learning activities:</i> The teaching and learning style of delivery is seminar-based with students being required to undertake preliminary reading and independent research in order to prepare for and actively participate in group discussion. Students will have opportunities to collaborate with others in their learning cohort in structured seminar sessions. Lecturer-produced materials, where appropriate, will be available for students to access electronically.</p>	<p><i>Assessment:</i> Essay (5000 words) (100%)</p>
7154LAWBC	International Corporate Governance (20 c) Semester 2	<p><i>Module aim:</i> 1.To examine critically the intellectual, practical and theoretical background to the concept of corporate governance in the UK and other international jurisdictions.</p> <p>2.To gain an understanding of the legal nature of corporations, their operations and global corporate governance failures and the reasons for such failures.</p> <p>3.To demonstrate the legal and extra-legal solutions to perceived problems with past and present corporate governance regimes.</p> <p>4.To critically examine proposed future developments in and monitoring of corporate governance.</p>	<p><i>Learning activities:</i> Students will be involved in some or all of the following: Lectures Group work Case studies Case analysis Workshops Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>

7155LAWBC	International Financial Crime (20 c) Semester 2	<i>Module aim:</i> 1. To provide knowledge and understanding of the impact of a range of financial crimes 2. To provide knowledge, understanding and analysis of attempts to curb financial crime and its impact.	<i>Learning activities:</i> Students will undertake some or all of the following: Lectures Case studies Case analysis Research exercises Reading Seminars	<i>Assessment:</i> 4500 word coursework (100%)
7160LAWBC	International Dispute Resolution (20 c) Semester 2	<i>Module aim:</i> 1.To provide a detailed understanding and analysis of the various laws, regulations and systems applicable to the dispute resolution process. 2.To be able to identify potential risk areas of conflict and develop effective processes, procedures and strategies to limit exposure to disputes arising notably within business, corporate or commercial situations. 3.To increase the ability to create and implement action and highlight practices within a framework to put systems in place to help mitigate and manage disputes in both a national and international environment.	<i>Learning activities:</i> Seminars Assessment Preparation	<i>Assessment:</i> 4500 word coursework (100%)
7161LAWBC	International Environmental Law (20 c) Semester 2	<i>Module aim:</i> 1.To provide an understanding of essential elements of environmental law 2.To provide an awareness of the impact of environmental issues both nationally and internationally 3.To provide an understanding of broad theoretical global issues of the relationship between global trade and national regulation 4.To enable students to understand the issues relating to companies and businesses from a national and international regulatory perspective	<i>Learning activities:</i> Students will undertake some or all of the following: Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars	<i>Assessment:</i> 4500 word coursework (100%)

7162LAWBC	International Labour Law (20 c) Semester 2	<p><i>Module aim:</i> 1.To review the global nature of international labour regimes and the regulatory mechanisms</p> <p>2.To understand the link between international labour law; corporate governance and international trade</p> <p>3.To describe each of the rights encompassed by the term international labour and to consider the main legal elements pertinent to each right</p> <p>4.To review the operation of international labour regimes through specific industries, e.g. agriculture, fishing, hazardous industries...etc.</p> <p>5.To place this study within the broader setting of economic policy and commercial application</p> <p>6. To consider the importance of the law, policies and strategies regarding equality</p>	<p><i>Learning activities:</i> Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars Since this is a level 7 module, great emphasis is put on independent learning.</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>
7164LAWBC	International Maritime Law (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce the basics of International Maritime Law.</p> <p>2. To develop a critical understanding of commercial maritime issues.</p> <p>3. To consider the adequacy of the current legal structure of the modern maritime contract.</p> <p>4. To appreciate and critically assess contemporary issues surrounding the commercial vessel in law.</p> <p>5. To consider the adequacy of the published material in Maritime Law.</p>	<p><i>Learning activities:</i> Students will undertake some or all of the following: Lectures Group work Case Studies Case analysis Research exercises Reading Seminars</p>	<p><i>Assessment:</i> 4500 word coursework (100%)</p>

7207LAWGD	EU Law (10 c) Semester 2	<p><i>Module aim:</i> 1. To convey and understand the powers and rights enjoyed and generated by the EU</p> <p>2. To explore the relationship between the EU, its Member States and Citizens and national courts</p> <p>3. To demonstrate how EU law can be applied to the Free movement of Goods and Persons</p> <p>4. To analyse the tools the EU has developed to ensure uniformity of application of EU Law.</p>	<p><i>Learning activities:</i> The first week will consider of an introductory 2 hour lecture. Each week thereafter will consist of a 1 hour seminar based on the content of the previous week, followed by a 2 hour lecture on a new topic.</p> <p>Students will be expected to read extensively outside class, to prepare set questions for discussion and to engage in group work as part of seminar learning.</p>	<p><i>Assessment:</i> Unseen exam (100%)</p>
7209LAWGD	Legal Research Methodologies (10 c) Semester 2	<p><i>Module aim:</i> 1) To provide students with the research tools and skills necessary to undertake and engage successfully in independent legal research study at M level</p> <p>2) To enable students to present legal issues, disputes and attendant intellectual argument in a structured and comprehensible manner sufficient to embark upon preparation for a M level dissertation.</p>	<p><i>Learning activities:</i> Lectures Group work Drafting exercises Presentations Case studies Case analysis Research exercises Reading Seminars</p> <p>Since this is a level 7 module, great emphasis is put on independent learning.</p>	<p><i>Assessment:</i> 2500 word report (100%)</p>

Management

4053BUSBM	Introduction to Accounting & Finance (20 c) Semester 2	<i>Module aim:</i> Provides information to enable the student to understand the financial statements; use key financial measures to analysis performance of a business; identify alternative financing sources; and evaluate short and long-term investment decisions.	<i>Learning activities:</i> Lectures, workshops and seminars where individual activities and group discussion are encouraged. Small group discussion and feedback on case studies and simplified examples of real-word situations.	<i>Assessment:</i> Individual report (50%) Pitch work (50%)
4054BUSBM	Fundamentals of Management (20 c) Semester 2	<i>Module aim:</i> This module is designed to introduce students to various theories of management and how they have developed. It will highlight various challenges faced by business managers in the 21st century including the various concepts, tools and models used to overcome them. It also aim to help student understand the need to develop personal management capability.	<i>Learning activities:</i> Lecture (introduction of theory, concepts, discussions) Workshop (Group work on analysis and mining for information) Seminars (Case study analysis and current challenges in management)	<i>Assessment:</i> 15mins Group Presentation (40%) 2500 word Individual Essay (60%)
4306BUSBS	Digital business (10 c) Semester 2	<i>Module aim:</i> This module aims to famliarise students with the opportunities digital technologies offer organisations.	<i>Learning activities:</i> Workshops and practical IT sessions	<i>Assessment:</i> 1500 word report (100%)

5053BUSBM	Small Business & Entrepreneurship (20 c) Semester 2	<p><i>Module aim:</i> According to the Department for Business Innovation and Skills, small to medium-sized enterprises account for 99.9% of all private sector businesses in the UK, employ over 15 million people and have a combined turnover of over £1,647 billion. It is crucial Business Management students can appreciate their importance to the economy, understand how to start-up and grow a business and the factors likely to influence their success or failure.</p> <p>The aims of the module are to enable students to examine the concept of entrepreneurship and small business management; to enable them to understand the process of starting-up and managing a new business and to facilitate students understanding of the financial reporting statements, which assist in the process of assessing a small business' performance</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars and workshops.</p> <p>Lectures which will each last 1 hour will introduce students the various topics being covered in the module. Each lecture will start with an overview of the expected learning outcomes. Lectures will aim to cater to variety of learning preferences with coverage of academic theories and concepts as well practical examples.</p> <p>Seminars which will each last 1 hour will allow the students to consider the content of the previous lecture in more depth. Students will be expected to discuss key issues and questions presented in the lecture in smaller groups.</p> <p>Workshops which will last for 2 hours each will aim to provide students with opportunities to examine issues in far more detail, to reflect on case studies, industry reports and other relevant sources of information. A wide range of teaching and learning approaches will be utilised including debates, student presentations and opportunities to undertake independent research.</p>	<p><i>Assessment:</i> 2500 word individual report (75%) 1 hour examination (25%)</p>
5056BUSBM	Business Law (20 c) Semester 2	<p><i>Module aim:</i> To enable the student to develop an understanding of: Law in the context of today's business; Topics in contemporary Business Law; Relevant areas of laws essential for Business students.</p>	<p><i>Learning activities:</i> lecture seminar workshop</p>	<p><i>Assessment:</i> essay (50%) exam (50%)</p>

5057BUSBM	Leadership for Business (20 c) Semester 2	<p><i>Module aim:</i> 1. To provide an understanding of the major contemporary issues in connection with leadership.</p> <p>2. To integrate theory and practice by drawing on relevant theory and connecting it with leaders across a range of case study organisations.</p> <p>3. To understand the importance of managing organisational effectiveness</p> <p>4. To discuss the different types of leaders present within the organisation and review their traits, personalities and skills.</p> <p>5. To develop your ability to participate in and to lead a group with an interdependent task.</p>	<p><i>Learning activities:</i> The module will be delivered as a series of lectures, seminars, and tutorial workshops where individual activities and small group discussion are actively encouraged. Formal lectures will act as a mean of providing the students with the appropriate theoretical knowledge. To enhance the teaching of this module a range of practical approaches will be used. These will include case-studies, role-plays, decision making and problem solving activities, leader-group discussions, and student presentations. Formative assessment will also be used in the form of one multiple choice tests and the option of peer review of leading in-class group discussions.</p>	<p><i>Assessment:</i> Self reflection 1250w (30%) Presentation of report 2500w (70%)</p>
5058BUSBM	Supply Chain Operations (20 c) Semester 2	<p><i>Module aim:</i> This module aims to provide students with an understanding of the various components, processes, and strategic issues in supply chain operations. It introduces students to the many critical facets of supply chain management and illustrates the importance to successful supply chain practices.</p>	<p><i>Learning activities:</i> Lectures (Introduction of theory and concepts, discussions- Development of cognitive skills) Workshop (Beer games, scenario analysis- Development of Psychomotor skills) Seminars (Group Presentations, Case study analysis- Development of Affective skills)</p>	<p><i>Assessment:</i> 2500 word Analytical Report (70%) 15min Strategy Presentation (30%)</p>

5106LBSBW	International Monetary and Financial Systems (20 c) Semester 2	<p><i>Module aim:</i> A critical understanding of international financial system – its role, risks and regulation of financial institutions, instruments and markets: the ability to critically evaluate the role of financial institutions, markets and regulators in an increasingly volatile global market and an opportunity to evaluate the impact of major economic events / developments in the monetary and financial system.</p>	<p><i>Learning activities:</i> In order to simulate the students they will be actively monitoring UK and international financial events, preparing a monthly summary as to how these could have an impact upon an organisation. Case studies will be reviewed to identify how businesses have responded to historic financial crisis events. This will allow development of strategies as to how businesses should respond to such changes and develops earlier knowledge from contemporary business issues from level 4 and with level 5 link / apply knowledge gained through the core modules of economics and international institutions, trade and markets. It will also establish connections with level 6 modules of strategic management and the financial risk management option. The module is fully supported by Blackboard including lecture notes, case studies, internet links and appropriate literature sources.</p>	<p><i>Assessment:</i> EXAM (75%) PRESENTATION (25%)</p>
5108LBSBW	Consumer and Buyer Behaviour in Action (20 c) Semester 2	<p><i>Module aim:</i> This module aims to offer students an opportunity to develop in-depth understanding of the study of consumer behaviour and consumer buying process. The module aims to cover the key aspects like consumers' influence on the field of marketing and vice versa; Consumer perceptions and motivations; Consumer Decision-Making Process; ;Effect of culture and lifestyles on consumers; and External variables affecting consumer behaviour</p>	<p><i>Learning activities:</i> Lectures, seminar discussions, case studies, role-play exercises, self assessment exercises</p>	<p><i>Assessment:</i> EXAM (60%) TEST (40%)</p>

5302BUSBS	RESEARCH METHODS (20 c) Semester 2	<i>Module aim:</i> To prepare students for the level 6 project, the module aims to enable students to develop a research proposal on a topic of their choice.	<i>Learning activities:</i> Lectures, seminars to support the development of IT and research skills.	<i>Assessment:</i> Research Proposal (100%)
5303BUSBS	ECONOMICS AND REGULATION (20 c) Semester 2	<i>Module aim:</i> To examine the principles by which a market economy operates at both a microeconomic and macroeconomic level. To introduce students to the purpose and methods used to regulate business in the UK.	<i>Learning activities:</i> Lecture, seminars and case studies	<i>Assessment:</i> EXAM (100%)
5312BUSBS	MANAGING PEOPLE (20 c) Semester 2	<i>Module aim:</i> The module forms part of the BABS HRM route which aims to provide the knowledge requirements of the CIPD certificate HRM intermediate.	<i>Learning activities:</i> Lectures are used to disseminate theory and best practice in human resource management One lecture per week "reflective practice" focuses on the role of the self-managing, efficient and effective HR practitioner and thinking Performer in relation to particular areas of HR practice. This lecture slot will often be used for guest speakers. The other lecture "HR action" focuses on the area of practitioner intervention and disseminates best practice models of, for example, selection and performer with HR's contribution to business success. The weekly 2 hour seminar allows rich discussion, group work, case studies, role play and application of theory to practice.	<i>Assessment:</i> EXAM (75%) REPORT (25%)

5314BUSBS	SERVICE QUALITY MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> 1.To introduce students to the foundation knowledge of quality management in general and quality factors in service sectors. 2.To provide students with the knowledge and skills to manage and improve organisations' service quality to increase operation efficiency and improve customer satisfaction.	<i>Learning activities:</i> • Introduction of quality management • The evolution of quality management • Organisational culture for quality • Costs of quality • Service quality Introduction • Service quality related legislation and regulation • Customer loyalty • Supply and demand management • Complain handling	<i>Assessment:</i> EXAM (35%) ESSAY (65%)
5316BUSBS	INTERNATIONAL MONETARY AND FINANCIAL SYSTEMS (20 c) Semester 2	<i>Module aim:</i> A critical understanding of international financial system – its role, risks and regulation of financial institutions, instruments and markets: the ability to critically evaluate the role of financial institutions, markets and regulators in an increasingly volatile global market and an opportunity to evaluate the impact of major economic events / developments in the monetary and financial system.	<i>Learning activities:</i> In order to simulate the students they will be actively monitoring UK and international financial events, preparing a monthly summary as to how these could have an impact upon an organisation. Case studies will be reviewed to identify how businesses have responded to historic financial crisis events. This will allow development of strategies as to how businesses should respond to such changes and develops earlier knowledge from contemporary business issues from level 4 and with level 5 link / apply knowledge gained through the core modules of economics and international institutions, trade and markets. It will also establish connections with level 6 modules of strategic management and the financial risk management option. The module is fully supported by Blackboard including lecture notes, case studies, internet links and appropriate literature sources.	<i>Assessment:</i> presentation (25%) exam (75%)

5317BUSBS	CONSUMER AND BUYER BEHAVIOUR IN ACTION (20 c) Semester 2	<i>Module aim:</i> This module aims to offer students an opportunity to develop in-depth understanding of the study of consumer behaviour and consumer buying process. The module aims to cover the key aspects like consumers' influence on the field of marketing and vice versa; Consumer perceptions and motivations; Consumer Decision-Making Process; ;Effect of culture and lifestyles on consumers; and External variables affecting consumer behaviour	<i>Learning activities:</i> Lectures, seminar discussions, case studies, role-play exercises, self assessment exercises	<i>Assessment:</i> TEST (40%) EXAM (60%)
6050BUSBM	Researching and Developing a Business Plan For a New Venture (20 c) Semester 2	<i>Module aim:</i> This module is intended to provide an insight and appreciation of the challenges associated with starting up a new business venture and have the knowledge and skills to construct a business plan which will stand up to an academic and professional audience	<i>Learning activities:</i> Lectures, workshops and seminars.	<i>Assessment:</i> Business Plan (80%) Feasibility Analysis (20%)
6054BUSBM	Project Management (20 c) Semester 2	<i>Module aim:</i> To equip students with the knowledge and skills to understand the relevance and significance of project management principles in an organisational context. To enable students to demonstrate competence in the application of project management methods through the project life cycle.	<i>Learning activities:</i> Lectures will provide an overview of different theories and real world examples. Case studies highlighting particular project issues related to project success and failure will be used in group discussion and structured exercises. Different scenarios and project management contexts will also be examined in workshops and seminars.	<i>Assessment:</i> PM report (50%) PM exam (50%)

6055BUSBM	Social Enterprise (20 c) Semester 2	<p><i>Module aim:</i> In an ever-changing economy, the role of social enterprise is becoming more and more important. Both within the UK and further afield, the potential that social enterprises can provide is being harnessed and supported by policy makers, community members and private and public institutions.</p> <p>Although there is currently a renaissance in the interest behind social enterprise, there still remains a great deal of uncertainty surrounding this different business model. Is it a means of making improvements to the current economic and social systems, or is a radical alternative to the status quo?</p> <p>The aim of this module is to equip students with an understanding of social enterprises, their holistic development and position within the larger economy, value systems and enabling and inhibiting factors. The module will focus on both the theoretical perspectives of social enterprise and practice of social enterprise.</p> <p>Aims:</p> <ol style="list-style-type: none"> 1. To allow students to critically examine the social enterprise business model and the reasons for its growth; 2. To provide students with an understanding of social enterprises' contribution to society and position within the economy; 3. To explore current opportunities and barriers to the continued growth of social enterprise; 4. To facilitate the ability of students to assess the support requirements of a social enterprise and suggest improvement strategies. 	<p><i>Learning activities:</i> This module will use a combination of learning activities. However, in general, most topics will be delivered by a lecture, followed by a tutorial/seminar and workshop. A combination of case studies, student presentations, debates, guest speakers and media resources may all form part of the learning activities.</p>	<p><i>Assessment:</i> 2,500 words (50%) 15 mins (50%)</p>
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<p>6056BUSBM</p>	<p>Diversity Management (20 c) Semester 2</p>	<p><i>Module aim:</i> This module presents an overview of what workforce diversity is and its relevance and usefulness in improving our understanding and management of people at work. The demographics of the population and the workplace are changing drastically because of a number of factors, such as an increasing number of ethnic minorities and women in the workforce and in management. Accordingly, there is a need to critically understand and manage workforce diversity not only to increase organisational business outcomes but also to create an inclusive workplace in a socially responsible manner. The module will examine issues confronting managers of a diverse workforce. In particular, issues such as ethnicity, race, language, ageing, disability, gender, and intersectional identities will be discussed. Two key approaches to managing diversity will be explained, i.e. the social equity case of managing diversity, and the business benefits case of managing diversity. The module will explore a range of diversity related concepts and topics, such as social identity, stereotyping, discrimination, intergroup conflict, structural integration, and inclusion.</p>	<p><i>Learning activities:</i> The structure of the course will be a lecture (one hour per week) which will introduce students to core theoretical and academic contributions relating to the topic, an interactive seminar activity (one hour per week) and a workshop (two hours per week). Presentations, case studies and journal article analyses will comprise core activities in workshop and seminar sessions.</p>	<p><i>Assessment:</i> Group Presentation (30%) Individual Essay (70%)</p>
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<p>6058BUSBM</p>	<p>Environmental Management (20 c) Semester 2</p>	<p><i>Module aim:</i> Climate change presents one of the most significant challenges to businesses today. However by taking action businesses can also reap significant rewards through redesigning products, processes and their business models. This module aims to enable students to understand environmental issues facing businesses; what actions businesses can take to identify, measure and reduce their negative impacts on the environment and how a low carbon society can create new opportunities to businesses.</p>	<p><i>Learning activities:</i> This module will be delivered through lectures, seminars and workshops. Lectures which will each last 1 hour will introduce students the various topics being covered in the module. Each lecture will start with an overview of the expected learning outcomes. Lectures will aim to cater to variety of learning preferences with coverage of academic theories and concepts as well practical examples. Seminars which will each last 1 hour will allow the students to consider the content of the previous lecture in more depth. Students will be expected to discuss key issues and questions presented in the lecture in smaller groups. Workshops which will last for 2 hours each will aim to provide students with opportunities to examine issues in far more detail, to reflect on case studies, industry reports and other relevant sources of information. A wide range of teaching and learning approaches will be utilised including debates, student presentations and opportunities to undertake independent research.</p>	<p><i>Assessment:</i> 2500 word individual report (50%) 10 min individual presentation (50%)</p>
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<p>6059BUSBM</p>	<p>Corporate Governance & Finance (20 c) Semester 2</p>	<p><i>Module aim:</i> Over the past number of decades, there has been several important changes in the area of corporate governance, both at an international and national level. Globalisation increasingly requires firms and their management to have a solid understanding of key governance issues and the possible implications of these on firm behaviour and thus, performance. Therefore, this module aims to introduce students to corporate governance, its practice and related theoretical underpinnings.</p>	<p><i>Learning activities:</i> The module will be delivered through lectures, workshops and seminars. More specifically, lectures will introduce students to module topics and will include an overview of learning outcomes for each session, followed by coverage of subject knowledge. Lectures will aim to cater to a variety of learning preferences and endeavour to include interactive demonstrations. The lectures will be used to provide base knowledge which will then contribute to student completion of seminar activities. The workshops will then further promote/deepen understanding and facilitate debate and discussion of issues between students. Within these a range of learning activities will be utilised. Examples include case studies, debates, think-pair-share activities and presentation based learning activities. The seminars will focus primarily on the finance aspect to the module and again, will include a variety of learning activities. The first number of weeks of workshops will focus on ensuring students understand key financial concepts through the use of small group discussions and problem based learning. Later, the workshops will focus on ensuring students gain relevant quantitative skills required to effectively address their assessment question. As such, these will be quantitative lab based sessions allowing students to learn by doing. Overall, student learning and participation in lectures, workshops and seminars will be developed by providing learning</p>	<p><i>Assessment:</i> Exam (40%) Report (60%)</p>
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			<p>materials via Blackboard Learn for download prior to lectures/seminars, the use of buzz groups, the completion of individual and small-group activities, note taking, presentations and case studies, to promote learning and for formative and summative assessment purposes. Students will be expected to spend time in preparation for classes supporting their learning by covering the directed readings from the required textbooks and relevant journal articles. In addition students should read widely around each topic area using the relevant journals outlined below.</p>	
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6060BUSBM	<p>Applied Business Management Project (20 c) Semester 2</p>	<p><i>Module aim:</i> The aims of this module are for students to develop an understanding of business problems and issues particularly at the strategic level and provide them with the opportunity to apply key academic theories and models in the development of a solution that meets the client's needs.</p>	<p><i>Learning activities:</i> The students will be given a practical business problem set by a real company. Students will work in teams to solve the business problem presented. Lectures and workshops are delivered.</p>	<p><i>Assessment:</i> Report (40%) Reflection (60%)</p>
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6106LBSBW	International Corporate Finance (20 c) Semester 2	<p><i>Module aim:</i> This module is designed to enable students to make corporate financial decisions in an increasingly volatile international marketplace, in order to increase profitability, maintain liquidity and reduce financial risk.</p> <p>The module follows the growth of a company from decisions concerning the acquisition of long-term and short-term sources of finance, to the evaluation of capital investment and ultimately the international marketplace as the company seeks to expand.</p>	<p><i>Learning activities:</i> In order to simulate the World of Work students will be actively involved in the analysis and evaluation of a Case Study throughout the semester. The Case Study, provided to students on the first day of the course, follows the life of a company, from decisions concerning the acquisition of long-term and short-term sources of finance, the evaluation of capital investment, the financing of growth including mergers & acquisitions to ultimately, facing the possibility of liquidation. Students will also be asked to respond to real-time data such as changes in exchange rates, interest rates, oil prices etc and new information such as prices changes, new quotations etc present by the lecturer throughout the semester</p>	<p><i>Assessment:</i> REPORT (100%)</p>
6108LBSBW	Strategic Branding (20 c) Semester 2	<p><i>Module aim:</i> To analyse the principles and techniques involved in branding strategically within in a micro and macro context.</p>	<p><i>Learning activities:</i> Lectures plus weekly seminars, case studies, group exercises, presentations, self-assessment exercises</p>	<p><i>Assessment:</i> EXAM (50%) PRESENTATION (50%)</p>
6110LBSBW	International Business Cultures (20 c) Semester 2	<p><i>Module aim:</i> Develop and demonstrate appropriate business and cultural understanding in an international context</p>	<p><i>Learning activities:</i> Lectures Workshops Seminars</p>	<p><i>Assessment:</i> PRESENTATION (50%) REPORT (50%)</p>

6300BUSBS	CORPORATE SOCIAL RESPONSIBILITY (20 c) Semester 2	<i>Module aim:</i> The aims of this module are for students to develop an understanding of the philosophical underpinnings of ethical decision making in a global business environment, to appreciate the impact of global business on host nations and to introduce present and potential future issues facing business, in order that students may incorporate ethical, environmental and responsible dimensions into management thinking (particularly strategic decision making) for a more responsible, sustainable and resilient future.	<i>Learning activities:</i> The module will consist of structured lectures and seminars which will be designed to reinforce and test students' understanding of that week's topic. The tutorial activities will involve analysing case studies, journal articles and media reports, combining real world experiences with the practical application of theories.	<i>Assessment:</i> EXAM (100%)
6303BUSBS	STRATEGIC DECISION MAKING (20 c) Semester 2	<i>Module aim:</i> This modules is designed to simulate the Strategic Decision Making process, requiring students to apply the knowledge and skills they have developed throughout the programme, finance, marketing, CSR, economic etc, as well as their understanding of the Strategic Management gained in Semester 1.	<i>Learning activities:</i> Students will be engaged in the evaluation and analysis of a Case Study requiring them to make Strategic Decisions when presented with marketing, financial, project management, personnel and operational data.	<i>Assessment:</i> REPORT (100%)

6311BUSBS	FINANCIAL RISK MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> This module is designed to enable students to identify, measure and manage financial risks.	<i>Learning activities:</i> In order to simulate the World of Work students will be actively involved in the analysis and evaluation of a Case Study throughout the semester. The Case Study, builds upon Semester 1 International Corporate Finance (Finance Route), with students now engaged in the management of the financial risks involved. Students will once again be asked to respond to real-time data such as changes in exchange rates, interest rates, oil prices etc and new information such as prices changes, new quotations etc present by the lecturer throughout the semester	<i>Assessment:</i> REPORT (100%)
6313BUSBS	EMPLOYMENT LAW IN CONTEXT (20 c) Semester 2	<i>Module aim:</i> The module forms part of the BABS HRM ROUTE which aims to provide the knowledge requirements of the CIPD Certificate HRM Intermediate Standards	<i>Learning activities:</i> Lectures are used to introduce different conceptual frameworks in high performance working and engagement and to direct independent study time. The weekly 3 hour seminar allows rich discussion, group work, case studies, role play and the application of theory to practice.	<i>Assessment:</i> EXAM (100%)
6315BUSBS	BUSINESS QUALITY MANAGEMENT (20 c) Semester 2	<i>Module aim:</i> 1. Exam the students knowledge of business quality management. 2. To demonstrate the students application to methodologies within business quality management. 3. To evaluate students techniques when applying the business quality management methodologies.	<i>Learning activities:</i> Students will be involved in case studies and activities in each session to help them understand the concepts and tools.	<i>Assessment:</i> EXAM (100%)

6317BUSBS	STRATEGIC BRANDING (20 c) Semester 2	<i>Module aim:</i> To analyse the principles and techniques involved in branding strategically within in a micro and macro context.	<i>Learning activities:</i> Lectures plus weekly seminars, case studies, group exercises, presentations, self-assessment exercises	<i>Assessment:</i> PRES (50%) EXAM (50%)
6319BUSBS	International Business Cultures (20 c) Semester 2	<i>Module aim:</i> Develop and demonstrate appropriate business and cultural understanding in an international context	<i>Learning activities:</i> Lectures Workshops Seminars	<i>Assessment:</i> PRES (50%) RPT (50%)
7000LBSIBM	Management Across Cultures (10 c) Semester 2	<i>Module aim:</i> To foster a critical approach to understanding and analysing culture and how culture might impact management and communication in an international business environment.	<i>Learning activities:</i> Activities will consist of interactive lectures, group discussions, task-based activities and case studies. Students will be encouraged to explore their own cultural identities and share their knowledge and experience.	<i>Assessment:</i> 2,500 word individual report (100%)
7004LBSMGT	Managing Business Research 2 (10 c) Semester 2	<i>Module aim:</i> To equip students with the necessary foundations in qualitative and quantitative research approaches to prepare a research proposal for dissertation and apply either or both of the research approaches studied. It will enable them to use of both SPSS and NVivo for analysis.	<i>Learning activities:</i> The seminars will be interactive in nature and will include hands on experience of SPSS, AMOS and NVivo. Guidance and feedback on formative assessments will be provided on elements of the assessed proposal.	<i>Assessment:</i> Research Plan 3000 words (100%)
7005LBSMGT	Management Competencies (20 c) Semester 2	<i>Module aim:</i> To develop proficiency in core associate level management competencies and awareness of the holistic, interrelated functional dependencies within a business environment which enable informed management decision making.	<i>Learning activities:</i> The workshops will be interactive in nature using practical examples, case based scenarios and business simulation software to develop management competencies.	<i>Assessment:</i> Group presentation (50%) Reflection 2,500 words (50%)

7006BUSPR	Event Management (10 c) Semester 2	<i>Module aim:</i> To develop a deep understanding of the management of an event in the light of good professional public relations practice.	<i>Learning activities:</i> Workshops, guest speakers, experiential discourse, field visits	<i>Assessment:</i> Portfolio of event evaluation (100%)
7008LBSMGT	Managing Human Resourcing Strategy (10 c) Semester 2	<i>Module aim:</i> To provide a conceptual framework for effective employee resourcing in an international context and demonstrate the contribution of employee resourcing to effective and ethical business practice.	<i>Learning activities:</i> interactive workshops group and individual analysis of case study material and critical incidents	<i>Assessment:</i> Individual 3,500 words (100%)
7009LBSMGT	Experience Through Internship (10 c) Semester 2	<i>Module aim:</i> 1. To provide students with the opportunity to participate in experiential learning as part of their PGT programme. 2. To promote the development and application of knowledge and skills relevant to the business environment. 3. To enhance further development of students' personal and business competencies. 4. To foster initiative and independence of thought by encouraging students' contribution to and/or development within an organisation. 5. To further enhance links between LJMU and the local business community.	<i>Learning activities:</i> Exposure to business, tutorials/seminars and independent study. Through collaboration the three major partners in the assessment process agree to the following: - the student evaluates their learning - the work-based supervisor evaluates the student's contribution - the tutor assesses the student's achievement.	<i>Assessment:</i> Personal Portfolio (100%)
7010BUSPR	International Public Relations (10 c) Semester 2	<i>Module aim:</i> to provide an international context to the practice and principles of Public Relations.	<i>Learning activities:</i> Seminars, guest speakers	<i>Assessment:</i> Project/Placement portfolio (100%)

71002MSCEN	FINANCIAL PLANNING (20 c) Semester 2	<p><i>Module aim:</i> To develop an insight into the importance of entrepreneurs developing a financial mindset To recognize importance of appropriate Budgeting, Financial Management and Forecasting in an entrepreneurial environment. To understand the strengths and opportunities associated with obtaining funding from traditional and alternative sources such as Crowdfunding To understand the elements essential to creating a credible Business Plan or successful Bid application</p>	<p><i>Learning activities:</i> This module will employ a range of student-centred learning strategies including lecture, case study, group discussion, creative problem solving exercises and self-directed problem based learning.</p>	<p><i>Assessment:</i> Exam (40%) Report (60%)</p>
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7100MSCENT	Entrepreneurship Business to Business (20 c) Semester 2	<p><i>Module aim:</i> To enable students to critically assess the different opportunities and processes involved in selling products and/or services to other businesses To develop the students' entrepreneurial skills related to doing business with other businesses</p>	<p><i>Learning activities:</i> The teaching strategies employed will be adapted to deal with the particular subject matter. However, in general, most topics will be delivered by a lecture, followed by a workshop. A combination of case studies, student presentations, debates and media resources may all form part of the learning activities. Various guest lecturers will also be utilised including: entrepreneurs engaged in selling their products and/or services to other businesses, buyers from large organisations and social auditors.</p>	<p><i>Assessment:</i> Report/Proposal (50%) Presentation (50%)</p>
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7104MSCENT	Research methods and applied research methods (20 c) Semester 2	<i>Module aim:</i> Students will examine the different methodological approaches and sources of factual data. Students will also learn different methods of synthesising data and findings that will enable them to develop valid and reliable conclusions that would facilitate informed business choices.	<i>Learning activities:</i> Lectures will cover key methodological concepts and theories. Students will undertake critical examination of these theories alongside potential data collection methods and design during seminars. A review of previous case studies would also take place during seminars. IT sessions will facilitate interactive participation of students with robust analytical software packages.	<i>Assessment:</i> Individual Presentation (30%) Business Research Proposal (70%)
7340ECBM	MANAGING RESOURCES INTERNATIONALLY (30 c) Semester 2	<i>Module aim:</i> To introduce students to the major issues of managing business resources in the international context, including people, information, knowledge and technology. The module takes a multi-disciplinary approach to managing the resources within the global environment and should act partially as a 'summative' module on the programme, placed in the last taught semester to enable the use of skills and knowledge developed elsewhere in the curriculum, whilst also developing and enabling the students to acquire new areas of knowledge and skills.	<i>Learning activities:</i> This module will be delivered as a series of seminars, and action learning using business simulation software to enable groups to manage an international enterprise. The focus will be to develop their thinking and analytical ability.	<i>Assessment:</i> Gp presentation (50%) Individual report (50%)

Maritime

4101MAR	Introduction to Port Studies (10 c) Semester 2	<i>Module aim:</i> To introduce students to the roles, functions, features and operations of ports	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Report (100%)
4103MAR	Law Fundamentals (20 c) Semester 2	<i>Module aim:</i> To introduce students to the legal systems of England and of the EU and to provide a foundation of knowledge of the substantive laws of negligence and contract	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report (30%) Exam (70%)
4104MAR	International Trade and Finance (20 c) Semester 2	<i>Module aim:</i> To allow a student to understand the theory and practice of international trade and finance	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report (30%) Exam (70%)
4108MAR	Transport Business (10 c) Semester 2	<i>Module aim:</i> To introduce students to aspects of transport business, including financial, legal and regulatory aspects	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Report (100%)
5101MAR	Shipbroking and Chartering (20 c) Semester 2	<i>Module aim:</i> To provide in depth understanding of current practice in the fields of shipbroking and vessel chartering	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)

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5103MAR	Research Planning (10 c) Semester 2	<i>Module aim:</i> To provide academic study techniques necessary for higher levels of learning.	<i>Learning activities:</i> Integrated series of formal lectures, tutorials and presentation seminars.	<i>Assessment:</i> Portfolio (100%)
5104MAR	Quantitative Methods (10 c) Semester 2	<i>Module aim:</i> To introduce the major models of management science/operations research and indicate their practical application to business problems.	<i>Learning activities:</i> Integrated series of formal lectures, tutorials and presentation seminars.	<i>Assessment:</i> Portfolio (100%)
5106MAR	Business Organisation Awareness (20 c) Semester 2	<i>Module aim:</i> To raise awareness of the nature of business organisations, their structure, management and financing, with particular reference to the maritime and logistics sectors, and to develop an awareness of entrepreneurial skills	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (40%) Examination (40%) Report 1000 words (20%)
5108MAR	Logistics and Materials (20 c) Semester 2	<i>Module aim:</i> To examine issues relating to warehousing and inventory management, including application of a range of numerical techniques to assist with optimisation	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
6100MAR	CPD Project (20 c) Semester 2	<i>Module aim:</i> To give the students the opportunity to independently undertake an academic project on sound technological principles and intellectual reasoning. To integrate knowledge and skills developed in the subject areas, organising work within a specified time frame and presenting the findings in both written and oral form.	<i>Learning activities:</i> Primarily self-directed by student, but with the support of an allocated supervisor. A series of briefing sessions and workshops will also be held during the year.	<i>Assessment:</i> Dissertation (80%) Viva voce (20%)

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6105MAR	Employment and Leadership (20 c) Semester 2	<i>Module aim:</i> To critically analyse issues relating to employers' legal obligations with regard to their staff, and to examine good practice with regard to management and leadership.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
6107MAR	Financial Accounting (10 c) Semester 2	<i>Module aim:</i> To develop a student's knowledge and understanding of accounting and costing processes, with particular reference to the management of capital and the appraisal of investment	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2500 words (100%)
6108MAR	Applied Strategy and Marketing (20 c) Semester 2	<i>Module aim:</i> To critically appraise strategic management theory and practice and to strategically apply relevant marketing theories, models, concepts and techniques to a range of appropriate case studies.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials utilising a range of case studies from the maritime and logistics sector	<i>Assessment:</i> Report 2000 words (30%) Examination (70%)
6109MAR	Purchasing and Supply (10 c) Semester 2	<i>Module aim:</i> To analyse the principles and practices of purchasing and supply in the context of wider logistics systems.	<i>Learning activities:</i> Integrated series of formal lectures and tutorials.	<i>Assessment:</i> Report 2500 words (100%)
7143MAR	Information Management and Communication Systems (10 c) Semester 2	<i>Module aim:</i> To analyse the operation and impact of a wide-range of information technology applications within the maritime, ports and trade environment	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Exam (100%)

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7146MAR	Logistics Systems (10 c) Semester 2	<i>Module aim:</i> To provide an insight into the principles of logistics management with particular reference to its application to the global business environment	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7147MAR	Marine Insurance (10 c) Semester 2	<i>Module aim:</i> To develop a working understanding of the law, principles and practice within the marine insurance profession.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7149MAR	Maritime Finance and Economics (10 c) Semester 2	<i>Module aim:</i> To develop a critical awareness of the economic environment in which ships are financed, traded and operated.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Examination (100%)
7151MAR	Maritime Security (10 c) Semester 2	<i>Module aim:</i> To appraise a range of contemporary security issues affecting the maritime and ports sectors, including an analysis of the effectiveness of mitigation policies and practices.	<i>Learning activities:</i> programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7152MAR	Operations Research (10 c) Semester 2	<i>Module aim:</i> To develop the student's ability to apply numerate operational research techniques to business problems.	<i>Learning activities:</i> A programme of lectures supported by computer-based tutorials	<i>Assessment:</i> Weekly on line assignments (100%)
7153MAR	Port Administration (10 c) Semester 2	<i>Module aim:</i> To provide students with insight to global trends in port administration and governance	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)

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7155MAR	Preparing for Project (10 c) Semester 2	<i>Module aim:</i> To prepare a project proposal with appropriate consideration of the theoretical and pedagogic background.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Literature review (50%) Research proposal (25%) Presentation (25%)
7158MAR	Supply Chain Modelling (10 c) Semester 2	<i>Module aim:</i> To equip students to use a variety of quantitative methods to analyse and solve problems in logistics	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)
7159MAR	Data Systems for Maritime and Logistics (10 c) Semester 2	<i>Module aim:</i> To analyse advanced information technologies and systems used by organisations within the logistics and supply chain sector to manage information, business processes and decision making.	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Written coursework (100%)

Marketing

4034BUSMK	Consumer Behaviour (20 c) Semester 2	<i>Module aim:</i> To acquire knowledge about the issues and dimensions of consumer behaviour. To recognise the importance of external and personal internal factors in determining behaviour and attitudes.	<i>Learning activities:</i> Lectures and seminars, group and individual tasks.	<i>Assessment:</i> 2hr Closed Book Exam (100%)
4035BUSMK	FOUNDATIONS OF MARKETING 2 (20 c) Semester 2	<i>Module aim:</i> To build on 4032BUSK Foundations of Marketing 1 and provide a strategic perspective of marketing within the organisation	<i>Learning activities:</i> Lectures, Seminars , case studies, group exercises and presentations	<i>Assessment:</i> Unseen examination (100%)
4036BUSMK	Business & Society (20 c) Semester 2	<i>Module aim:</i> 1. To explain the roles and impacts of business organisations within developed and developing countries 2. To describe the roles of, and relationships between corporations, nation-states and international institutions in shaping the global economy 3. To explain how the expectations of civil society influence the practices of business organisations	<i>Learning activities:</i> This module will employ a range of student-centred learning strategies including lecture, case study, group discussion, creative problem solving exercises and self directed problem based learning.	<i>Assessment:</i> Individual - 2500 words (100%)

4055BUSBM	Marketing Management and Sales (20 c) Semester 2	<i>Module aim:</i> The course provides a comprehensive introduction to marketing management and sales of products and services in various settings. Students will develop an understanding of, and the ability to examine, the internal and external forces that have an impact on marketing and sales. The course introduces students to a range of strategic and tactic marketing and sales tools that are vital for creating an informed approach to marketing and sales decision making. The module provides students with an opportunity to develop skills in a range of marketing functions such as research, new product/service development, pricing, promotion, planning, creating sale proposals etc. Finally, students will learn to justify marketing strategies, exercise creativity and marry theory and practice by composing a marketing plan for a real company.	<i>Learning activities:</i> - analysis of relevant newspaper and journal articles, market research reports, case studies and practical examples drawn from a variety of marketing situations and industrial contexts - discussion of case studies and other materials - small groups presentations - teamwork on developing a marketing plan and sales pitch	<i>Assessment:</i> In class Test (30%) 2500 words marketing plan (70%)
4304BUSBS	MARKETING FOR BUSINESS (20 c) Semester 2	<i>Module aim:</i> To immerse students into the role and practice of marketing, providing knowledge and understanding of the relevant theories through engagement.	<i>Learning activities:</i> Lectures plus weekly seminars, case studies, group exercises, presentations, self assessment exercises	<i>Assessment:</i> PRESENTATION (50%) EXAM (50%)
5032BUSMK	Research Methods (20 c) Semester 2	<i>Module aim:</i> The module takes students through key elements of the market research process and to develop some practical research skills. The module will also prepare students for the level six independent project or dissertation.	<i>Learning activities:</i> Lectures about key topics, seminars where students work on research tasks in groups and workshops where student can avail of a drop in session will be part of the learning activities on the module.	<i>Assessment:</i> Group 20 min Presentation (50%) Indiv. Research Plan 1800 word (50%)

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5034BUSMK	Practical Digital Marketing Skills (20 c) Semester 2	<i>Module aim:</i> The module aims to provide students with a practical understand of the key areas of digital marketing.	<i>Learning activities:</i> Practical workshops with complementary tutorials to reinforce learning.	<i>Assessment:</i> Group Presentation (50%) Individual Report (50%)
5036BUSMK	Enterprise & Professional Practice (20 c) Semester 2	<i>Module aim:</i> The aim of the course is to provide students with the knowledge and skills to act entrepreneurially.	<i>Learning activities:</i> This module will consist of a weekly 1 hour lecture, 2 hour seminar and 1 hour workshop. The seminars will focus on skills to support students to work in teams to develop a business solution / idea. The workshop will focus on key concepts identified in the lecture and seminar in detail. These sessions will allow students to develop their ideas in greater detail and will be student led.	<i>Assessment:</i> Business proposal (30%) Individual reflection (70%)

6034BUSMK	Advertising and Integrated Marketing Communications (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to analyse a wide range of advertising and marketing communications from a theory and practice perspective that could be used to plan and implement an effective marketing communications campaign.	<i>Learning activities:</i> This module will consist of a weekly 1 hour lecture, 2 hour seminar and 1 hour workshop. The lecture will be interactive with the main theoretical concepts present and applied to appropriate case studies. The seminar will explore key areas of theory relating to advertising and integrated marketing communications in detail with case study activities used to apply theory presented in the lecture in practice. These sessions will be based on group work and students will work on their own specific campaign ideas. The workshop will focus on key concepts identified in the lecture and the seminar in detail and allow students to practice their research, writing and presentation skills. Individual and group activities will be used to stimulate discussion and these sessions will be student led.	<i>Assessment:</i> Group presentation (40%) Individual report 3000 word (60%)
7023DMKT	Digital Marketing Strategy and Planning (20 c) Semester 2	<i>Module aim:</i> 1. To understand the range of marketing strategy and planning models available to digital marketers. 2. To apply relevant marketing strategy and planning models to a specific case study.	<i>Learning activities:</i> Students will gain feedback on their developing skills by using a series of formative assessments throughout the module. These formative assessments will include short case studies, group activities, critical debates and short answer questions. The feedback gained from these formative assessment will enable students to develop their summative assessment during the module.	<i>Assessment:</i> Portfolio (100%)

Maths

4100STATS	DATA EXPLORATION AND ANALYSIS (20 c) Semester 2	<p><i>Module aim:</i> To enable the student to carry out an exploratory analysis of a set of data either 'by hand' or using Minitab. This will include building knowledge of a simple relational databases in order to interrogate and filter data for analysis.</p> <p>To provide the student with the required background knowledge of probability and random variables so that they can make use of a number of formal statistical models in their analyses.</p> <p>To enable the student to appreciate the need for, and use of, confidence intervals in a number of commonly occurring data analysis situations.</p> <p>To enable the student to appreciate the need for, and use of, hypothesis tests in a number of commonly occurring data analysis situations</p>	<i>Learning activities:</i> Lecture, tutorials, laboratory sessions, directed study	<i>Assessment:</i> Data analysis - 2000 words (30%) Examination (70%)
4101MATHS	MATHEMATICAL METHODS (20 c) Semester 2	<p><i>Module aim:</i> To provide a thorough grounding in the basic mathematical concepts and methods needed to solve a range of problems with scientific, business and statistical applications.</p> <p>To develop a firm foundation for single variable calculus.</p> <p>To provide a basic grounding in vector algebra.</p> <p>To introduce the concepts of complex numbers and their application.</p> <p>To introduce multivariable calculus.</p> <p>To introduce methods for solving ordinary first and second order differential equations.</p>	<i>Learning activities:</i> Lectures, tutorials and laboratory-based activities	<i>Assessment:</i> Problem solving (30%) Examination (70%)

4113MATHS	MODELLING 2 (20 c) Semester 2	<i>Module aim:</i> To introduce the student to mathematical modelling and analytical reasoning linked to real-world applications. To introduce students to algorithms for, and practical applications of linear algebra.	<i>Learning activities:</i> Group work in preparation for assessed presentation. Lectures and problem solving sessions in MAPLE TA.	<i>Assessment:</i> Online tests and questions (50%) Sports data and MAPLE TA (50%)
5101MATHS	INDEPENDENT SKILLS DEVELOPMENT (20 c) Semester 2	<i>Module aim:</i> Understand nature of formal proof. Ability to defend mathematical arguments to peers. Reinforce manipulative skills in algebra and calculus.	<i>Learning activities:</i> Lectures, practice using in-class electronic formative assessment and sessions based on the presentation of proofs.	<i>Assessment:</i> MyMathLab tests (50%) Proof presentation (50%)
5103MATHS	NUMERICAL METHODS (20 c) Semester 2	<i>Module aim:</i> Develop an understanding of the need to analyse and interpret numerical solutions to problems. Enable students to study and investigate the error of certain numerical methods. Provide practical experience in the use of numerical methods and appropriate software. Computations involving real and complex dynamical systems. Gain understanding of methods of constructing fractals. Gain confidence in independent study to solve equations and problems arising in dynamical systems and fractal analysis.	<i>Learning activities:</i> Through lectures, tutorials and private study students will investigate the mathematics and practical implementation of numerical methods and then go on to use appropriate mathematical software to develop their understanding of the subject area.	<i>Assessment:</i> Num methods, Chaos/Fractals (75%) Exam (25%)

5103STATS	<p>PROBABILITY AND RISK (20 c) Semester 2</p>	<p><i>Module aim:</i> To extend the student's knowledge of, and experience in, the use of probability models. To deepen the student's understanding of important topics in inference. To introduce the students to the use of simulation models. To enable the student to familiarise themselves with risk techniques through which they can assist decision makers in making informed decisions in the face of uncertainty.</p>	<p><i>Learning activities:</i> Lectures, tutorials, laboratory sessions, directed reading, simulation.</p>	<p><i>Assessment:</i> coursework portfolio (50%) examination (50%)</p>
6101MATHS	<p>OPERATIONAL RESEARCH (20 c) Semester 2</p>	<p><i>Module aim:</i> To examine a wide range of operational research methods and their applicability to real-life problems encountered in business and industry.</p>	<p><i>Learning activities:</i> Lectures reinforced by tutorials and computer-laboratory sessions</p>	<p><i>Assessment:</i> OR problems & report (30%) Examination (70%)</p>
6106STATS	<p>MULTIVARIATE ANALYSIS AND DATA MINING (20 c) Semester 2</p>	<p><i>Module aim:</i> To enable the student to explore the structure of multidimensional data sets. To introduce the student to inferential procedures using multivariate data. To provide the student with familiarity with linear and flexible methods for regression and classification.</p>	<p><i>Learning activities:</i> Lectures cover the complete syllabus Practicals are carried out alongside lectures for the purpose of consolidating the material through application of key methods to synthetic and real-world data sets.</p>	<p><i>Assessment:</i> Examination (60%) Coursework portfolio (40%)</p>

Mechanical engineering

4102MECH	Engineering Mathematics 1b (10 c) Semester 2	<i>Module aim:</i> To provide a foundation in engineering mathematics for its application to the solution of engineering problems	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> Online Assessment (100%)
4104MECH	Thermodynamics and Fluid Mechanics 1 (20 c) Semester 2	<i>Module aim:</i> To introduce the essential principles of Thermodynamics and Fluid Mechanics	<i>Learning activities:</i> A combination of lectures, tutorials and practical demonstrates.	<i>Assessment:</i> Examination (60%) V.L.E. test (40%)
4107MECH	Electrical and Electronic Engineering (20 c) Semester 2	<i>Module aim:</i> To enable students to develop an understanding of the physical principles of electrical and electronic systems, and to analyse simple circuits which incorporate passive and active components.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (60%) V.L.E. based test (40%)
5105MECH	Thermodynamics and Fluid Mechanics 2 (20 c) Semester 2	<i>Module aim:</i> To provide an insight into thermal plant cycles and the physical behaviour of fluid flow and heat transfer by application of the theory to practical engineering examples.	<i>Learning activities:</i> A combination of lectures and tutorials.	<i>Assessment:</i> Examination (60%) VLE Test (40%)

5106MECH	Mechanical Engineering Design 2 (20 c) Semester 2	<i>Module aim:</i> This module aims to build on the skills developed in the Level 4 Engineering Practice 1 module by introducing systematic approaches to the design process and to the analysis of mechanical designs for the determination of strength and life. It will provide participants with a practical experience of the design process both as an individual and within a group.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures supported by practical sessions. Students will undertake projects, both as individuals and in groups where they will apply what they have learned.	<i>Assessment:</i> Guided Design Exercise 1 (50%) Guided Design Exercise 2 (50%)
5108MECH	Mechatronics (20 c) Semester 2	<i>Module aim:</i> To develop a practical understanding of how sensors and actuators may be used, along with embedded systems, to control and monitor mechanical engineering systems.	<i>Learning activities:</i> Tutorial and Practical activities supported by on-line resources.	<i>Assessment:</i> Practical assessments in a lab (100%)
5109MECH	Marine Electrical Systems (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to provide a comprehensive introduction to Marine Instrumentation and Electrical Engineering, the module will concentrate on the principles, construction and operation of marine instrumentation, ac and dc motors and generators, and associated distribution and protection systems.	<i>Learning activities:</i> A series of lectures and tutorials.	<i>Assessment:</i> Examination (60%) VLE Test (40%)
5110MECH	Marine Design and Technology (20 c) Semester 2	<i>Module aim:</i> To provide a comprehensive introduction to Marine Engineering, Naval Architecture and Ship Construction, the module will concentrate on main and auxiliary propulsion systems, ship stability and construction features.	<i>Learning activities:</i> A combination of lectures, tutorials, practical sessions supported by a ship visit.	<i>Assessment:</i> Examination (60%) Portfolio (40%)

6103MECH	Mechanical Engineering Design 3 (20 c) Semester 2	<i>Module aim:</i> This module will deliver a project based learning experience in Engineering Design. It is intended to present a practical focal point for knowledge and techniques learned in other modules as well as to continue to build on the engineering design curriculum from levels 4 and 5. Its participants will follow a systematic approach to generate detailed designs for a component or system.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures and tutorials. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Design Project (100%)
6109MECH	Thermodynamics (10 c) Semester 2	<i>Module aim:</i> To introduce the essential principles of Thermodynamics and Fluid Mechanics	<i>Learning activities:</i> A combination of lectures tutorials and practical sessions	<i>Assessment:</i> Examination (70%) Portfolio (30%)
6113MECH	Dynamics and Control (10 c) Semester 2	<i>Module aim:</i> To develop knowledge and experience of analytic and simulative methods applied to modelling of open and closed loop engineering systems with multi-physics dynamics.	<i>Learning activities:</i> Lectures and tutorials	<i>Assessment:</i> Examination (70%) Portfolio (30%)
7002MSC	Advanced Engineering Design (10 c) Semester 2	<i>Module aim:</i> To develop knowledge and understanding of the potential of modern parametric computer aided design systems to support a systematic approach to integrated product design	<i>Learning activities:</i> Lectures, guided computer workshops, tutorials and case studies.	<i>Assessment:</i> Individual design Report 1 (50%) Individual Design Report 2 (50%)

7004MSC	Computational Fluid Dynamics (10 c) Semester 2	<i>Module aim:</i> The module aims to explore the underlying theory of commercial computational fluid dynamics (CFD) codes and to investigate their performance and reliability in engineering applications. Whilst the theoretical aspects of the method will be covered in lectures the module is intended to be practical in nature with students having the opportunity to practice via a range of tutorials and assignments using industry standard software.	<i>Learning activities:</i> Lectures, tutorial/practical CFD sessions, case studies and assignments.	<i>Assessment:</i> Invigilated V.L.E test (40%) CFD Project (60%)
7008MSC	Offshore Engineering (20 c) Semester 2	<i>Module aim:</i> To provide advanced understanding of offshore installation types and knowledge of offshore installations from an operational and safety aspect.	<i>Learning activities:</i> Formal lectures, Tutorials, Videotapes.	<i>Assessment:</i> Exam (70%) Portfolio (30%)
7013MSC	Operations Research (10 c) Semester 2	<i>Module aim:</i> This module introduces a set of fundamental techniques and tools to assist engineers/managers in making better decisions onin real world management/business problems. It will teach you how to model an operational problem in your business or organisation, how to select and apply a quantitative method to solve it, and how to interpret the results to make a better management decision.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (70%) Report (30%)
7014MSC	Manufacturing Management (10 c) Semester 2	<i>Module aim:</i> This module provides an introduction to manufacturing operations management. It focuses on the manufacturing plant and services covering the fundamentals of production planning, inventory control, and process modelling and control.	<i>Learning activities:</i> Lectures, tutorial and practicals	<i>Assessment:</i> Examination (70%) Coursework Assignment (30%)

7017MSC	Supply Chain Modelling (10 c) Semester 2	<i>Module aim:</i> To equip students to use a variety of quantitative methods to analyse and solve problems in logistics	<i>Learning activities:</i> A programme of lectures supported by tutorials	<i>Assessment:</i> Report (100%)
7218DRO	Optical Measurement and Sensing (10 c) Semester 2	<i>Module aim:</i> To provide an overview of optical systems capable of performing measurement and sensing in an applications environment with special reference to the UAV, automotive and aerospace industries.	<i>Learning activities:</i> The module will be taught by a combination of lectures, tutorials, laboratory demonstrations, practical activities, case studies and site visits.	<i>Assessment:</i> Examination (70%) Measurement/Programming Report (30%)

Media and cultural studies

4103MEDCUL	Media Institutions and Audiences (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to the determinants of media production and investigate the methods used to research media, culture and communication industries. 2. To provide students with an understanding of theoretical and historical conceptualizations of media audiences. 3. To examine key issues in debates surrounding the relationship between audiences and the media.	<i>Learning activities:</i> Lectures, Seminars, Workshops, Screenings.	<i>Assessment:</i> 1500 words essay (40%) 2 hour examination (60%)
4104MEDCUL	Professional Writing (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to the study of communication in a professional context. 2. To assist students in developing the conceptual and critical language necessary for studying media and cultural practice. 3. To enable students to critically reflect on their own media practice. 4. To examine the changing environment of professional media practice.	<i>Learning activities:</i> Lectures, task based Workshops, reading based Seminars.	<i>Assessment:</i> 2500 words portfolio (70%) 1500 words reflection (30%)
4105MEDCUL	Introduction to Media and Cultural Industries (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to a range of key debates and approaches to the study of media, culture and communication. 2. To assist students in developing the conceptual and critical language necessary for studying media and cultural practice. 3. To develop key transferrable skills including team management and problem solving.	<i>Learning activities:</i> Lectures, Seminars, Workshops.	<i>Assessment:</i> Unseen Class Test (40%) Group Essay, 2500 Words (60%)

5103MEDCUL	Media and Cultural Theory (20 c) Semester 2	<p><i>Module aim:</i> 1. To deepen and broaden student understanding of the theoretical roots underpinning the study of media, culture and communication.</p> <p>2. To encourage students to assess the relative strengths and weaknesses of theoretical approaches discussed throughout the module.</p> <p>3. To offer students opportunities to analyse media texts and cultural practices whilst drawing upon a range of theoretical positions.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> 1500 words essay plan (30%) 2500 words essay (70%)</p>
5104MEDCUL	Public Relations (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to ways of analysing public communications as both a textual form and a cultural practice.</p> <p>2. To support students in the development of work related graduate skills.</p> <p>3. To provide students with the opportunity to undertake and reflect upon professional practice in media, cultural and communication industries.</p> <p>4. To prepare students for career planning and work-based learning at Level 6.</p>	<p><i>Learning activities:</i> Lectures, seminars, opportunities for formative skills development and task based workshops.</p>	<p><i>Assessment:</i> 1500 words report (30%) 3000 words portfolio (70%)</p>
5105MEDCUL	Popular Journalism: Research in Practice (20 c) Semester 2	<p><i>Module aim:</i> 1. To critically evaluate professional and scholarly accounts of the development of popular journalism.</p> <p>2. To examine approaches to research in professional journalistic practice.</p> <p>3. To introduce students to basic writing skills in journalistic genres appropriate to print and online journalism.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops, field trips.</p>	<p><i>Assessment:</i> 2000 words essay (40%) 2500 words portfolio (60%)</p>

6107MEDCUL	Mediating Popular Culture (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the ways in which music is originated, realised and distributed and the extent to which these processes have changed and contribute to change.</p> <p>2. To enable students to debate the ways in which creative and cultural values are experienced and understood within popular culture.</p> <p>3. To develop an understanding of the material conditions, especially media forms, for the consumption of music and the cultural contexts in which people appropriately, use and make sense of it.</p>	<p><i>Learning activities:</i> Lectures, Seminars and Workshops</p>	<p><i>Assessment:</i> 1500 word essay (40%) 2500 word essay (60%)</p>
6108MEDCUL	Consumer Culture (20 c) Semester 2	<p><i>Module aim:</i> 1. To explore scholarly accounts of the development and nature of consumer society and its associated cultures of consumption.</p> <p>2. To enable students to produce a critically and theoretically-informed essay.</p> <p>3. To develop critical interpretive skills for the observation of consumption practices.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Workshops.</p>	<p><i>Assessment:</i> 1500 words observation task (30%) 2500 words essay (70%)</p>
6109MEDCUL	Digital Writing (20 c) Semester 2	<p><i>Module aim:</i> 1. To consolidate students' experience of practical and theoretical research into digital writing (studied at previous levels) across journalism studies, public information and communication, media industries, community and identity in relation to emerging professional practice.</p> <p>2. To evaluate the properties of new media writing and language in their social, cultural and technological context, in order to produce effective and professional new media communications.</p>	<p><i>Learning activities:</i> Lecture, Seminars and Workshop</p>	<p><i>Assessment:</i> Editing exercise (25%) 3000 word portfolio (75%)</p>

6110MEDCUL	<p>Popular Fiction and Publishing (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To offer students the opportunity to develop critical analytical and evaluating skills appropriate to the textual study of screen and print media. 2. To locate the production and consumption of popular fiction within the context of economic and institutional imperatives. 3. To identify and critically evaluate the discursive roots of given examples drawn from screen and print media.</p>	<p><i>Learning activities:</i> Lectures that introduce key concepts and modes of analysis. Seminars which focus on textual analysis and theorisation of perspectives. Workshops for the development of analytical and critical skills.</p>	<p><i>Assessment:</i> 2000 words essay (50%) 2000 words report (50%)</p>
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Media production

4019MEDIA	Themes of Contemporary Media (20 c) Semester 2	<i>Module aim:</i> 1. To provide students with an understanding of the evolution of media. 2. To develop an ability to relate theory to contemporary issues/practice. 3. To introduce students to academic practice and encourage discussion of research and reading.	<i>Learning activities:</i> Lectures will be followed by seminars in which students will discuss theories raised in lectures in more detail and following their own reading. Individual tutorials will be used through the year to discuss individual students engagement with and progress through the module.	<i>Assessment:</i> Essay 2000 Words (40%) Essay 2500 Words (60%)
4021MEDIA	Introduction to the Media Industry (20 c) Semester 2	<i>Module aim:</i> 1. To introduce the concept of the media as a multi million pound global industry and the opportunities this affords to the creative media sector. 2. To acquaint students with local media companies and organisations.	<i>Learning activities:</i> Lectures, tutorials and visiting speakers.	<i>Assessment:</i> Case Study (40%) Self-awareness statement (10%) Presentation - Business Plan (50%)
4023MEDIA	Digital Production Practice (20 c) Semester 2	<i>Module aim:</i> 1 To extend understanding of creative production practice 2 To explore animation practice and rostrum camera techniques	<i>Learning activities:</i> Lectures, practical workshops and individual and group tutorials.	<i>Assessment:</i> Individual Media Artefact (50%) Group Media Artefact (50%)

5012MEDIA	Multiplatform Production (20 c) Semester 2	<p><i>Module aim:</i> 1. To provide an opportunity for students to undertake a substantial multi-platform team-based project.</p> <p>2. To explore the theory and practice of engaging users across a range of platforms.</p>	<p><i>Learning activities:</i> The module begins with lectures and workshop sessions that introduce students to the key concepts in the following areas: user engagement; spreadable media; transmedia narrative and activism; team working; managing creativity; production methodologies; Convergence design.</p> <p>In a later session, students will receive a brief and be placed in a team - thereafter, teams will be supported by a weekly management programme to ensure all teams are meeting their targets.</p> <p>In the final session, teams will make a presentation of their prototype to a panel.</p>	<p><i>Assessment:</i> Artefact - Group Project (75%) Individual Critical Evaluation (25%)</p>
5014MEDIA	TV Studio Production (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce the basic working practices, shooting conventions and camera scripting of multi-camera studio production.</p> <p>2. To advance the capacity for: production research, organisation, meeting deadlines, effective planning and communication, self-reliance and teamwork.</p> <p>3. To enhance creative thinking in problem solving.</p>	<p><i>Learning activities:</i> Lectures, workshops, practical exercises, independent content research, tutorials and practical production.</p>	<p><i>Assessment:</i> TV Studio Programme (75%) Reflective Dossier (25%)</p>
5016MEDIA	Interactive Multimedia Practice (20 c) Semester 2	<p><i>Module aim:</i> 1. To explore the potential for developing immersive media content for public display.</p> <p>2. To interpret, develop and reflect on multimedia practice.</p>	<p><i>Learning activities:</i> Through lectures and workshops students will explore the creation of immersive and dynamic media artefacts to be used to encourage and engage public participation in a variety of media applications including websites, kiosks, exhibitions and installation design.</p>	<p><i>Assessment:</i> Production of a Media Artefact (75%) Reflective Dossier (25%)</p>

5022MEDIA	Digital Media Cultures (20 c) Semester 2	<p><i>Module aim:</i> 1. To develop students' understanding of the interactions and relationships between media products, producers and texts in the current context of Digital Media.</p> <p>2. To provide students with the critical tools necessary to explore media products in relation to cultural production, circulation, regulation and reception.</p> <p>3. To familiarise students with the range of research and writing techniques used in contemporary media production and academic media research.</p>	<p><i>Learning activities:</i> Lectures, Seminars and Tutorials.</p>	<p><i>Assessment:</i> Essay - 4,500 words (100%)</p>
6011MEDIA	Dissertation (30 c) Semester 2	<p><i>Module aim:</i> To enable students to work independently to plan, design and execute an extended written analysis of a media subject that extends their specialist knowledge.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Tutorials.</p>	<p><i>Assessment:</i> Dissertation (100%)</p>
7003DOC	Interactive Documentary (30 c) Semester 2	<p><i>Module aim:</i> 1. To provide an opportunity for students to undertake a substantial interactive documentary project</p> <p>2. To explore the theory and practice of engaging users of an online platform</p>	<p><i>Learning activities:</i> Through lectures, workshops and practical skills implementation with support students will explore the creation of an immersive and dynamic documentary artefact, thereby understanding the opportunities for storytelling that incorporate online interactive media platforms</p>	<p><i>Assessment:</i> Artefact (70%) Portfolio (30%)</p>

7004DOC	Radio Documentary (30 c) Semester 2	<p><i>Module aim:</i> 1. Either individually or in pairs to provide an opportunity for students to undertake a substantial audio documentary project</p> <p>2. To understand and apply journalistic interview skills when dealing with documentary contributors</p> <p>3. To develop practical skills in sound recording and understand their application within documentary projects</p>	<p><i>Learning activities:</i> Through lectures and workshops students will explore the creation of an immersive and dynamic audio artefact, thereby understanding the opportunities for storytelling through skillful interviewing techniques and by creatively employing soundscaping</p>	<p><i>Assessment:</i> Audio Artefact (70%) Commentary (30%)</p>
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7005DOC	Research/Story Development (30 c) Semester 2	<p><i>Module aim:</i> 1. To provide a concentrated opportunity to originate, research and develop a documentary project or dissertation, the practical delivery of which will form the culmination of the student's degree experience in the following semester</p> <p>2. To successfully develop and deliver a professional pitch of this original idea</p>	<p><i>Learning activities:</i> The module commences with an initial period of lectures outlining important aspects of production and academic research, eg: copyright law, risk assessment, production paperwork. Once projects have been approved by staff, students will work independently with tutorial support and guidance.</p>	<p><i>Assessment:</i> Essay - Story (50%) Presentation (50%)</p>
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Nutrition

4105SSLN	Principles of Human Nutrition (20 c) Semester 2	<i>Module aim:</i> This module will help you develop knowledge of the importance of nutrition to human health introducing the subject of nutritional recommendations in terms of energy and nutrients. You will gain an overview of the function and properties of nutrients and the consequences of inadequate intakes.	<i>Learning activities:</i> The module consists of lectures, workshops and Blackboard discussion boards. The workshops will support in class lectures and enable students to develop analytical and research skills. The Blackboard discussion boards will enable students to research other related topics and share their findings with each other.	<i>Assessment:</i> Report (50%) Exam (50%)
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4108SSLN	Nutrition & Exercise Physiology (20 c) Semester 2	<i>Module aim:</i> To introduce students to physiology in relation to nutrition and exercise.	<i>Learning activities:</i> Lectures and laboratory practical sessions will be the main form of student learning activities, but use of Blackboard with blended learning including quizzes, problem solving will be incorporated. Students will be required to carry out a series of practicals (linked to an overall project) designed to investigate techniques used in the measurement of physiological parameters associated with human nutrition and exercise.	<i>Assessment:</i> Report (50%) Exam (50%)
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4114SSLN	Understanding Theories & Practice of Sport and Nutrition for Health (20 c) Semester 2	<i>Module aim:</i> Introduce students to psychological, sociological and physiological theoretical and methodological frameworks of sport, physical activity/exercise and nutrition. Encourage students to think in an informed and critical way about the role and impact of sport, physical activity and nutrition related behaviours from these theoretical perspectives. The module also aims to give students an understanding of good practice in a community based setting.	<i>Learning activities:</i> This module will be taught in Lectures and in smaller group seminars that could include, practicals, IT support sessions, group-work, the use of discussion boards and debates.	<i>Assessment:</i> Report (40%) Essay (60%)
5104SSLN	Product Development 1 (20 c) Semester 2	<i>Module aim:</i> The module aims to introduce the subject of new food product development. The main emphasis will be on the roles of ingredients, the constraints imposed by scaling up recipes, the nutritional integrity of products, marketing opportunities and current developments in food	<i>Learning activities:</i> The module will use a combination of lectures and practical sessions	<i>Assessment:</i> Essay (40%) Report (60%)
5105SSLN	Food Safety & Quality (20 c) Semester 2	<i>Module aim:</i> Identify the various aspects of the food supply chain and how food safety and quality can be maintained	<i>Learning activities:</i> Lectures and practicals will be the main form of student learning and these will be supported by tutorials.	<i>Assessment:</i> Exam (50%) Report (50%)
5109SSLN	Physiology & Nutrition for Performance (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to assess the needs of athletes in terms of nutritional requirements, body composition and specific strategies that would lead to enhanced sporting performance.	<i>Learning activities:</i> The module consists of lectures, practicals, workshops and Blackboard tasks/discussion boards. The practicals and workshops will support in class lectures and enable students to develop analytical and research skills. The Blackboard tasks/discussion boards will enable students to research other related topics and share findings with each other.	<i>Assessment:</i> Portfolio (100%)

6103SSLN	Functional Foods and Innovation (20 c) Semester 2	<i>Module aim:</i> This module looks at how functional food ingredients and products, as well as other innovations in the food sector, can add value to food businesses and also have potential health and other benefits for consumers. Students will be introduced to the concepts of bioactive food components and how nutrition and health claims associated with functional foods can be substantiated and regulated.	<i>Learning activities:</i> This module consists of lectures, workshops and seminars. The workshops and seminars are designed to help students to think more critically and evaluate the information introduced in the lecture sessions	<i>Assessment:</i> Report (50%) Exam (50%)
6111SSLN	Applied Practice in Sport and Nutrition for Health (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to develop a critical awareness of various lifestyle related strategies, policies, programmes and initiatives and their application in the area of public health and health improvement .	<i>Learning activities:</i> Many of the elements of this module will be explored in class based lectures, seminars and tutorials. However there will be an element of independent study. Activities will be student centred .Seminars will support students in the application of their knowledge in developing their views in the area. This may be supported through the seminars hosting 'masterclass' sessions by current practitioners	<i>Assessment:</i> Essay (40%) Presentation (60%)
7302SSLN	Food Chain, Sustainability and Health (10 c) Semester 2	<i>Module aim:</i> The module provides knowledge and understanding of the global food supply chain and its impact on food choice, nutrition, health and the environment. The module introduces the main staple foods and food commodities; an overview of the structure of global food supply chain (including primary production, food processing & manufacturing, food distribution and food retail);; an understanding of the political and ethical issues of food production and supply; as well as issues associated with food sustainability.	<i>Learning activities:</i> Formal lectures provide an introduction to the main topics and themes being introduced in this module. Seminar and online materials are designed to encourage critical thinking and critical discussion of the political and ethical issues surrounding the sustainable production of safe, nutritious and healthy foods.	<i>Assessment:</i> Exam (100%)

7303SSLN	Nutritional Science (20 c) Semester 2	<i>Module aim:</i> To discuss advancements in nutritional science in health and disease.	<i>Learning activities:</i> Lectures, practicals and guest speaker seminars will be the main form of student learning activities, but use of Blackboard with blended learning including suggested reading and critical review of peer reviewed research will be incorporated. Students will be required to write a grant application that would advance nutritional science.	<i>Assessment:</i> Grant Application (70%) Presentation (30%)
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Pharmaceutical science

4004PHASCI	FORMULATION SCIENCE (20 c) Semester 2	<i>Module aim:</i> To understand the physicochemical properties of active pharmaceutical ingredients and to introduce the basic principles of pharmaceutical formulation	<i>Learning activities:</i> Lectures to cover fundamental theory and concepts. Laboratory-based practicals to apply principles and provide first-hand experience of techniques. Workshops to support group work for coursework assessment, problem-based learning activities and revision of topics.	<i>Assessment:</i> Coursework (40%) Exam (60%)
4005PHASCI	ANALYTICAL CHEMISTRY (20 c) Semester 2	<i>Module aim:</i> The module aim is to provide a basic, practical and relevant mathematical and analytical chemistry foundation for the quantitative aspects all Pharmaceutical Science Level 4 modules.	<i>Learning activities:</i> 1. Lectures: Lectures will be delivered covering the topics of the philosophy of science, statistics and data analysis, quantitative and qualitative chemistry, and analytical chemistry. 2. Practicals: Basic spectroscopic techniques (UV), thin-layer chromatography, titrimetry, colour tests. 3. Tutorials and workshops : Pharmaceutical calculations, data manipulation, and spectroscopy.	<i>Assessment:</i> Practical report (40%) Examination (60%)

4006PHASCI	<p>BIOLOGICALLY ACTIVE MOLECULES (20 c) Semester 2</p>	<p><i>Module aim:</i> To emphasise those chemical properties which are significant with respect to the involvement of drugs in biochemical transformations. To develop an ability to gather, evaluate and communicate scientific information. To facilitate the application of information presented in this module to the solution of problems.</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module Directed reading associated with each module topic Practical sessions (4x3hr) giving students first-hand experience of relevant enzyme and protein bioassays; practical briefing lecture (2x1hr) Problem solving workshops to support literature review, experimental design and analysis of data generated during practical sessions (8 x 2hr) Formative mid-semester Blackboard MCQ test (2hr)</p>	<p><i>Assessment:</i> Practical Reports (40%) Exam (60%)</p>
5001PHASCI	<p>PHARMACEUTICAL FORMULATION (20 c) Semester 2</p>	<p><i>Module aim:</i> Knowledge, understanding and application of the formulation of dosage forms; including the solid oral dosage forms of tablets and capsules, pulmonary, nasal, transdermal, vaginal, rectal, semi-solid, controlled release oral drug delivery systems. Introduction to micro- and nanocarrier delivery systems</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module Practical sessions related to powder flow, capsules, pulmonary dosage forms and tablet formulation, manufacture and testing Revision workshop to support the lecture material and practical sessions</p>	<p><i>Assessment:</i> Laboratory Tablets Report (40%) Exam (60%)</p>
5005PHASCI	<p>PHARMACEUTICAL ANALYSIS (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop knowledge, practical experience and the interpretation skills necessary for the quantitative and qualitative analysis of chemical species relevant to the pharmaceutical industry.</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module Practical sessions giving students first-hand experience of relevant analytical techniques and their application pharmaceutical analysis Workshops to support practical sessions and to consider the mathematical manipulation of data and their interpretation</p>	<p><i>Assessment:</i> Examination (60%) Practical report (40%)</p>

5006PHASCI	INTEGRATED APPROACHES TO THERAPEUTICS (20 c) Semester 2	<i>Module aim:</i> To understand how the underpinning pharmaceutical science disciplines can be applied in an integrated way to develop good therapeutic strategies for treating diseases.	<i>Learning activities:</i> Lectures Workshops Tutorials Self-directed independent study	<i>Assessment:</i> Exam (60%) Critical evaluation essay (40%)
6001PHASCI	INDUSTRIAL DRUG DEVELOPMENT (20 c) Semester 2	<i>Module aim:</i> To present information relating to pharmaceutical manufacturing processes and the associated regulatory controls to ensure consistency of patient safety.	<i>Learning activities:</i> Lectures covering each topic within the module (e.g. 6 topic groupings comprising 30 lectures). A workshop to support the understanding of ICH guidelines and related implications. Visits to pharmaceutical manufacturing sites in the locality to consolidate taught material.	<i>Assessment:</i> Exam (60%) Presentation (40%)

<p>6004PHASCI</p>	<p>CLINICAL DRUG DEVELOPMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> Upon completion of this module, students should be able to demonstrate an awareness and understanding of preclinical testing and management and regulation of clinical trials in the process of drug development. In addition, students should be able to discuss the challenges and ethical issues in patient recruitment and retention and the importance of publication of clinical trial data.</p>	<p><i>Learning activities:</i> Workshops apply knowledge and demonstrate understanding of lecture material and further reading; Formative feedback will be given within the sessions. Examples can include:</p> <ul style="list-style-type: none"> • Case record form Design • Protocol development • SOPs - students to design an SOP • Clinical trial documentation - Documenting and Reporting Clinical Trials – discussion of the essential statistical requirements when documenting and reporting clinical trials. • Clinical Trial Analysis and Reporting. Statistics - Estimation and Confidence Intervals – measuring the magnitude of a treatment effect and the concept of confidence interval calculation • The Challenges in Patient recruitment and retention • The Ethical issues in outsourcing to LEDs (lower economically developed countries). • Essay writing skills - in preparation for the coursework. <p>An Essay on Ethical implications of Outsourcing (Summative) End of module examination (Summative) (50% MCQ and 3 SAQ) Online MCQ quizzes (formative)</p>	<p><i>Assessment:</i> Final exam (60%) Essay (40%)</p>
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7104PHASCI	<p>MEDICINAL CHEMISTRY (30 c) Semester 2</p>	<p><i>Module aim:</i> To understand the application of medicinal chemistry to the drug discovery process and the requirement for a modern synthetic approach to the supply of relevant molecules</p>	<p><i>Learning activities:</i> Lectures with on-line pre-work Problem solving workshops to build on each lecture Practical sessions themed to build up a mini-project</p>	<p><i>Assessment:</i> Exam (60%) Mini-project (practicals) (40%)</p>
7105PHASCI	<p>NATURAL PRODUCTS (30 c) Semester 2</p>	<p><i>Module aim:</i> To understand various aspects of chromatographic, spectroscopic and assay techniques and approaches pertinent to natural products drug discovery, and the chemistry of natural products</p>	<p><i>Learning activities:</i> Lectures to introduce each topic within the module Practical sessions to give students first-hand experience of relevant techniques Workshops to support analysis of spectroscopic data to elucidate structure of various classes of natural products</p>	<p><i>Assessment:</i> Lab report (40%) Examination (60%)</p>
7106PHASCI	<p>FORMULATION AND DRUG DELIVERY (30 c) Semester 2</p>	<p><i>Module aim:</i> To understand the principles of pharmaceutical formulation and advanced drug delivery methods.</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module Practical sessions giving students first-hand experience of relevant formulation principles Workshops to support reviews of current literature, experimental design and analysis of data generated during practical sessions</p>	<p><i>Assessment:</i> Mini project (40%) exam (60%)</p>

7107PHASCI	<p>PRODUCT DEVELOPMENT AND CONTROL (30 c) Semester 2</p>	<p><i>Module aim:</i> To understand and apply the principles of good manufacturing practice to the production and quality control of pharmaceutical products</p>	<p><i>Learning activities:</i> Lectures covering each topic within the module Practical sessions giving students first-hand experience of relevant manufacturing techniques Performing laboratory based activities plus writing reports, which includes data analysis Workshops on ICH guidelines and their application in practice and to support analysis of data generated during practical sessions</p>	<p><i>Assessment:</i> Examination (60%) Report (40%)</p>
7113PHASCI	<p>MANUFACTURE OF COSMETICS (20 c) Semester 2</p>	<p><i>Module aim:</i> To equip students with the Knowledge and understanding of large scale-up for manufacturing and packaging attributes of relevance to cosmetic formulations.</p>	<p><i>Learning activities:</i> Lectures - introducing /covering the various topics of the module workshops – problem solving in terms of cosmetic formulation claims, packaging and labelling</p>	<p><i>Assessment:</i> Report on cosmetic manufacture (50%) Examination (50%)</p>
7114PHASCI	<p>SAFETY ASSESSMENT OF COSMETICS (20 c) Semester 2</p>	<p><i>Module aim:</i> To equip students with detailed knowledge and understanding of the regulatory framework covering chemical safety assessment of cosmetics ingredients in the UK, EU and worldwide. In addition students will acquire the knowledge, understanding and application of microbiological testing</p>	<p><i>Learning activities:</i> Lectures (flipped or traditional) introducing/covering the various topics of the module Workshops – various contents aligned with topics delivered in the lectures Laboratory Practicals – Provide students first-hand experience of microbial testing and analysis</p>	<p><i>Assessment:</i> Oral poster presentation (50%) Examination (50%)</p>

7115PHASCI	BUSINESS PLANNING FOR COSMETIC SCIENCE (20 c) Semester 2	<i>Module aim:</i> To enable students to analyse and identify a commercially viable cosmetic product and produce a business plan to enable the product to be launched	<i>Learning activities:</i> Lectures - introducing /covering the various topics of the module Workshops and academic support – development of a business idea and plan Presentation – Dragons Den format of student pitching their potential product idea	<i>Assessment:</i> Written business plan (60%) Oral presentation (40%)
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Policing

<p>4101PS</p>	<p>Introduction to Policing (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to help students to understand key theories and concepts relevant to policing and the wider criminal justice system by examining the chronological development of policing and other institutions within the system; landmark events; and their inter-relationship and relevance.</p>	<p><i>Learning activities:</i> The module will adopt a blended learning approach. This will combine e-learning techniques with more traditional teaching methods. Lectures and online learning materials will be used to provide an overview of each topic. The lectures will be delivered mainly by the module team. Guest speakers with varying relevant professional expertise will also be invited from time to time to deliver lectures within the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups. Emphasis will be placed in this module on developing critical thinking skills and Information Technology (IT) skillsets for conceptualisations and analysis of historical and contemporary developments of the police and allied criminal justice system.</p>	<p><i>Assessment:</i> 2500 word essay (50%) Portfolio and Scenarios (50%)</p>
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<p>4103PS</p>	<p>Practice, Procedure and the Criminal Law 1 (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to introduce students to the legislative, substantive policy provisions and practice which underpin (i) the multifaceted and complex roles and duties executed by the police across England and Wales; and (ii) the criminal law commonly utilised and applied by Police Officers in the course of their duty. Specifically, the module aims to: Introduce and examine the role, responsibilities and powers of the police in differing societal and operational environments. Provide a critical introduction to the foundations of criminal law and the criminal justice system. Identify the key ingredients of a criminal offence, the varying liability of third parties, and common defences prescribed by criminal law. Highlight the importance of police integrity and the role played by police officers in the successful application of criminal law sanctions. Introduce the theoretical and procedural requirements relating to police duties and the criminal law, whilst also providing an innovative learning framework through which students can explore, experience and illustrate criminal conduct in varying operational settings.</p>	<p><i>Learning activities:</i> The module will use blended learning consisting of lectures, e-learning and workshops utilising scenarios simulation. Additionally students will be encouraged to monitor their own learning in the module through their Personal Development Plans. Lectures and online learning materials will be used to provide an overview of each topic. Lectures will be delivered by the module team and, occasionally guest speakers from differing, relevant professional backgrounds who have particular expertise in aspects of the curriculum. Workshops will be used to apply knowledge through the use of specific scenarios and as an opportunity for students to explore and discuss issues in small groups. Students will be expected to engage in self-directed learning and study to develop their knowledge of the field. They will be expected to know criminal offences thoroughly and to be able to distinguish between the particular nuances and subtleties in particular offences.</p>	<p><i>Assessment:</i> Exam 2 hours (50%) Portfolio of Work (50%)</p>
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4105PS	Introduction to Criminology for Policing (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to a core of key concepts which help constitute mainstream and critical criminology, made relevant for policing.</p> <p>2. To encourage student to reflect upon the contribution of criminological theory to our understanding of contemporary crime issues and policing responses to them,</p> <p>3. To encourage students to recognise the divers and contested nature of what constitutes criminology and criminological knowledge.</p>	<p><i>Learning activities:</i> Students are expected to engage in self directed learning to develop their knowledge of the field and to prepare for lectures and workshops.</p> <p>Skills that will be developed include: note-taking; reading; small group discussions; general contribution to classes; use of blackboard; preparation of work plans for workshops; private study and planning for assessment.</p>	<p><i>Assessment:</i> 2000 word essay (40%) exam (60%)</p>
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<p>5103PS</p>	<p>Investigation Skills (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to develop students understanding of the legislative and policy framework which sets out the parameters for the investigation of criminal offences. Provide the opportunity for students to demonstrate and explain investigative procedures through the use of case studies and crime scene practicals. Provide an opportunity for students to critically explore the range of regulatory processes and professional values which inform practice, theories of team work, communication, issues of professional status and power and working across organisational boundaries.</p>	<p><i>Learning activities:</i> A key theme running through this module will be the development of the skills and knowledge to link theory and practice. The module will utilise blended learning, which will combine E-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning in this module through their Personal Development Plans. Lectures will be delivered by the module team and, on occasion, guest speakers from different relevant professional backgrounds and with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups. Electronic seminar and project work in small groups will be used to further explore the issues raised in lectures and through the students own reading. Students will be expected to engage in self directed learning to develop their knowledge of the field. Investigative skills will be developed through practical demonstration and feedback using multi-media approaches e.g. the video recording of simulated exercise. Students will be allocated into problem-solving and action learning sets as appropriate.</p>	<p><i>Assessment:</i> Exam 2 hrs (50%) Portfolio: Reflection (50%)</p>
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5104PS	Community Engagement Project (20 c) Semester 2	<p><i>Module aim:</i> 1. Develop students' knowledge and understanding of the legislative and policy framework which sets out the parameters for Policing in England and Wales and the relationship between the statutory and voluntary sector.</p> <p>2. Provide the opportunity for students to explore the application of these frameworks through practical learning and application in communities.</p>	<p><i>Learning activities:</i> There will be two themes within this module-</p> <ul style="list-style-type: none"> -understanding the needs of communities and being aware of how to obtain information to cater for those needs. -understanding the relationship between the needs of communities in relation to the evidence based policing. <p>The module will use practical experience, which will combine on-line learning with a substantial piece of community engagement know as a work placement. In addition students will be encouraged to monitor their own learning in this module by developing their learning objectives and reflecting on the progress of the plans.</p> <p>Seminars and online learning materials will be used to develop the plans for their engagement and reflection. The reflection will be uses at key stages before and after the community engagement.</p> <p>Electronic, seminar and in on-line groups will be used to further explore the issues raised in seminars, the practical work and through the students own reflection.</p> <p>Students will be expected to engage in self-directed learning to develop their knowledge of the communities and organisations they will be involved with.</p>	<p><i>Assessment:</i></p> <ul style="list-style-type: none"> 3000 word reflection (50%) Placement (40%) WoW Organisational Awareness (10%)
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5105PS	Policy, Practice and the Evidence base (20 c) Semester 2	<p><i>Module aim:</i> *Develop a systematic understanding of the literature relevant to the concept of evidence based practice as it relates to Policing. *Critically evaluate the theoretical literature with respect to its relevance to the concept of evidence based practice as it relates to Policing. *Explore the epistemological, methodological and ethical underpinnings of the study.</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive seminars within tutor groups, and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions. Students will be offered the opportunity to develop the personal skills required of higher level learning through activity based fieldwork.</p>	<p><i>Assessment:</i> Essay 2000 Words (40%) Exam (60%)</p>
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<p>6105PS</p>	<p>Policing, Security and Risk (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to provide students critical theoretical, empirical, policy and practical understanding of policing and the security industry. Moreover, qualitative research skills, writing skills and presentation skills examined to let the student comprehend the multifaceted and entangled policing, security and risk realities.</p>	<p><i>Learning activities:</i> Lectures aim to review and discuss critical literature on policing, security and risk-related issues to gain theoretical, policy, empirical and practical understanding. Guest speakers will provide practical understanding, as well as networking and career building options. Moreover, qualitative methodologies and reflective use of methods will be examined.</p> <p>The module is going to educate in the use of the interview method, for which mostly workshops will be used to exercise its usefulness and application. These exercises will prepare students for an essential part of the module, which is to eventually go to present a paper on their findings. This involves approaching possible respondents, getting their informed consent (for a recorded interview), doing a 1 hour (or longer) interview, transcribing the recorded material and analysing the content. The analysis has to lead to a paper they will present in writing and verbally at the end of the module, which will be the main assessment. Academic presentation and writing skills will therefore be additionally trained and assessed.</p>	<p><i>Assessment:</i> 2,500 Word Essay (60%) Presentation (40%)</p>
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6106PS	Geographic Information Science and Geo-computation for Public Safety (20 c) Semester 2	<i>Module aim:</i> This module seeks to provide an introduction to the field of crime analysis and crime mapping for students. It will cover some history, key concepts, data, as well as analytical methods and specific techniques used in the discipline of crime science. The module will focus on the practical application of fundamental Geographic Information Systems (GIS) concepts and how they can be adapted for understanding and interpreting crime patterns.	<i>Learning activities:</i> The module will adopt a blended learning approach. This will combine e-learning techniques with more traditional teaching methods. Lectures and online learning materials will be used to provide an overview of each topic. the lectures will be delivered mainly by the module team. Guest speakers with varying relevant professional expertise may also be invited from time to time to deliver lectures within the curriculum. Workshops will be lab-based offering students the opportunity to undertake practical applications of theoretical concepts and techniques.	<i>Assessment:</i> 1500 words (40%) Report 3000 words (60%)
6107PS	Terrorism and Counter Terrorism (20 c) Semester 2	<i>Module aim:</i> This module will examine the key concepts in relation to terrorism and will explore a number of key issues including definitions of terrorism, ideologies, typology, group structures, tactics, methods of operation, target selection, state response, use of technologies, funding and media impact. A number of influential terrorist groups will also be studied which will provide the student with the opportunity of applying theory to practice. These groups will religiously-based groups, political and domestic extremist terrorist organisations. The module will also explore the concept of and delivery of counter terrorism initiatives with a focus on the measures being adopted within the United Kingdom, drawing on comparative counter-terrorism strategies from the US and Canada.	<i>Learning activities:</i> A variety of teaching methods will be used, in addition to formal lectures, students will participate in workshops which will focus on key themes emerging in terrorism and counter-terrorism. They will also have full access to University facilities and resources in addition to those available via the College of Policing. A key teaching tool will be the LJMU VLE where students will be able to access case study and key on-line material, but particular attention will be paid to in order to avoid inappropriate sites placed on social media by contemporary terrorist groups.	<i>Assessment:</i> Essay 2500 words (50%) Essay 2500 words (50%)

<p>6108PS</p>	<p>Investigative Skills 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to develop students understanding of the legislative and policy framework which sets out the parameters for the investigation of criminal offences. Provide the opportunity for students to demonstrate and explain investigative procedures through the use of case studies and crime scene practicals. Provide an opportunity for students to critically explore the range of regulatory processes and professional values which inform practice, theories of team work, communication, issues of professional status and power and working across organisational boundaries.</p>	<p><i>Learning activities:</i> A key theme running through this module will be the development of the skills and knowledge to link theory and practice. This module will utilise blended learning, which will combine E-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning in this module through their Personal Development Plans. Lectures and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team and, on occasion, guest speakers from different relevant professional backgrounds and with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups. Electronic seminar and project work in a small groups will be used to further explore the issues raised in lectures and through students own reading. Students will be expected to engage in self directed learning to develop their knowledge of the field. Investigative skills will be developed through practical demonstration and feedback using multi-media approached e.g. the video recording of simulated exercise. Students will be allocated into problem solving-action learning sets as appropriate.</p>	<p><i>Assessment:</i> 2 hour exam (50%) Essay (50%)</p>
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<p>6109PS</p>	<p>Application of Intelligence to Policing (20 c) Semester 2</p>	<p><i>Module aim:</i> This programme will provide students with a comprehensive understanding of the role, uses and application of intelligence within contemporary policing and partner agencies. The students will also develop an understanding of how intelligence can be ethically collected, collated, evaluated, managed and analysed. This will also include the impact of the National Intelligence Model within policing and the wider criminal justice arena.</p>	<p><i>Learning activities:</i> A variety of teaching methods will be used. In addition to formal lectures, students will participate in workshops and undertake individual practical formative assignments, such as acting as an intelligence analyst and completing a 5x5x5 evaluation. Students will have full access to University facilities and resources in addition to those available via the College of Policing. A key teaching tool will be the LJMU VLE where students will be able to access case study and key historical material, such as a critical evaluation of the intelligence exchange in the Soham murders case involving Ian Huntley.</p>	<p><i>Assessment:</i> Essay - 2500 words (50%) Essay - 2000 words (50%)</p>
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6110PS	Multi Agency and Partnership Working in the Statutory and Voluntary Sector (20 c) Semester 2	<p><i>Module aim:</i> The module aims to develop students understanding of the legislative and policy framework which sets out the parameters of multi-agency working arrangements across the sector.</p> <p>Provide an opportunity for students to critically explore the range of regulatory processes and professional values which inform practice, theories of team work, issues of professional status and power and working across organisational boundaries.</p> <p>Provide an opportunity for students, from different disciplinary backgrounds, to work across disciplinary boundaries and gain experience, through work related learning using 'real life' case studies, of the complexities of multi-agency working.</p>	<p><i>Learning activities:</i> The module will utilise blended learning, which will combine e-learning with more traditional teaching strategies.</p> <p>Lectures and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team and, on occasion, guest speakers from different relevant professional backgrounds, with particular expertise in aspects of the curriculum.</p> <p>Workshops will be used as a space for students to explore and discuss issues in small groups.</p> <p>Electronic seminar work in small groups will be used to further explore the issues raised in lectures and through the students own reading.</p> <p>Students will be expected to engage in self-directed learning to develop their knowledge of the field.</p>	<p><i>Assessment:</i> Presentation, 15 minutes (40%) 2500 Word Essay (60%)</p>
7103PS	Governance and Accountability (20 c) Semester 2	<p><i>Module aim:</i> The aim of the module is to examine legal, professional and political aspects of the governance structures that ensure an accountable police service.</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions</p>	<p><i>Assessment:</i> Essay 1 2500 (50%) Essay 2 2500 (50%)</p>
7104PS	Leadership (20 c) Semester 2	<p><i>Module aim:</i> The aim of the module is to examine leadership as a theoretical concept and interpret different perspectives in terms of personal leadership in various settings and environments</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.</p>	<p><i>Assessment:</i> Presentation (80%) Reflective Essay (20%)</p>

7105PS	Ethics (20 c) Semester 2	<p><i>Module aim:</i> The aim is two-fold:</p> <ol style="list-style-type: none"> 1. To examine ethics within the operational context of policing 2. To consider the differences and the similarities in the way that ethics is considered in a research setting 	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions</p>	<p><i>Assessment:</i> Essay 3500 (80%) Reflective Essay 2000 (20%)</p>
7107PS	Transnational Organised Crime (20 c) Semester 2	<p><i>Module aim:</i> Within a transnational perspective this module aims to develop a student's critical appreciation and understanding of organised crime with a particular emphasis on: Human Trafficking/Smuggling of Migrants, Modern slavery, Drugs, Counterfeiting, Arms, Financial Crime, Intelligence, Policing Borders and Corruption</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.</p>	<p><i>Assessment:</i> Essay - 3000 words (60%) Essay - 1500 words (40%)</p>

7108PS	Policing in Conflict and Post-Conflict Zones (20 c) Semester 2	<p><i>Module aim:</i> 1. To critically examine and develop an understanding of the key strategies that are current and relevant in the policing of conflict/post-conflict zones.</p> <p>2. To provide the intellectual tools and knowledge to critically analyse and demonstrate an understanding of the topic. To consider, examine and evaluate the nature of policing issues, challenges and responses drawing upon the latest research and policy implications. The issues will also be critically analysed within its social and political context and draw upon elements of political and social theory.</p> <p>3. The module will be underpinned by relevant theoretical perspectives, policy developments and cutting edge empirical research providing the basis for discussion and a more meaningful understanding of topic.</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive workshops and will also combine lectures and visits from relevant guest speakers. Teaching will also be supported by tutorial drop-in sessions.</p>	<p><i>Assessment:</i> Essay - 3000 words (60%) Essay - 1500 words (40%)</p>
7109PS	Terrorism (20 c) Semester 2	<p><i>Module aim:</i> In this complex environment this module will examine in depth, the key concepts in relation to terrorism. It will explore a number of key issues including definitions of terrorism, ideologies, typology, group structures, tactics, methods of operation, target selection, state response, use of technologies, funding and media impact.</p> <p>A number of influential terrorist groups will also be studied which will provide the student with the opportunity of applying theory to practice. These groups might be religiously-based groups, political and domestic extremist terrorist organisations. The module will also explore the concept of and delivery of counter terrorism initiatives with a focus on the measures being adopted within the United Kingdom, drawing on comparative counter-terrorism strategies from the US and Canada.</p>	<p><i>Learning activities:</i> A variety of teaching methods will be used, In addition to formal lectures, students will participate in workshops which will focus on key themes emerging in terrorism and counter-terrorism.</p> <p>They will also have full access to University facilities and resources in addition to those available via the College of Policing.</p> <p>A key teaching tool will be the LJMU VLE where students will be able to access case study and key on-line material, but particular attention will be paid to in order to avoid inappropriate sites placed on social media by contemporary terrorist groups.</p>	<p><i>Assessment:</i> 2500 Word Essay (50%) 2500 Word Essay (50%)</p>

7111PS	Forensic and Medicolegal Death (20 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to a core of foundational concepts of criminal investigations, understand, explain, analyse and evaluate causes, sustainment and consequences of a processing a death scene.</p> <p>2. To encourage students to reflect upon, explain, analyse and evaluate critical evidence beyond a basic first responder response to investigate homicides (i.e. infant, child, and adult).</p> <p>3. To critically engage with, explain, analyse and evaluate the central issues surrounding death investigations.</p> <p>4. To critically engage with, explain, analyse and evaluate the investigative indications of foul play at death scenes.</p> <p>5. To critically engage with, explain, analyse and evaluate relevant forensic evidence that can be used in part with a death investigation.</p>	<p><i>Learning activities:</i> The students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for interactive 2-hour lectures. Skills that will be developed include: critical thinking skills; note-taking; reading; small group discussions; general contribution to classes; use of Blackboard; preparation of seminars; private study; conduct analysis and evaluation; writing a research essay; presenting key findings.</p>	<p><i>Assessment:</i> Essay including annotated Bib. (100%)</p>
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<p>7112PS</p>	<p>Forensic Cognition: Violence and Victims (20 c) Semester 2</p>	<p><i>Module aim:</i> Cognition, or thinking, is recognized as being a key component underlying the way people think and behave. As such, the overall aim and distinctive quality of the module is to critically explore why offenders commit acts of sexual and physical violence. This course will examine influential theories that have been developed to aid in investigating sexual/ violent offenses. Further, this module aims to explore the investigative niche area of serial offending and why offenders chose certain victims.</p> <p><i>Aims:</i></p> <ol style="list-style-type: none"> 1. To introduce students to a core of foundational concepts in respect to sexual and violent offences. 2. To encourage students to reflect upon, explain, analyse and evaluate critical evidence beyond a basic first responder response to investigate sexual, violent, and serial offenses. 3. To critically engage with, explain, analyse and evaluate the central issues surrounding the interaction between offenders and victims, with an emphasis on the motivations for sexual, violent, and serial offenses 	<p><i>Learning activities:</i> The students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for interactive 2-hour lectures. Skills that will be developed include: critical thinking skills; note-taking; reading; small group discussions; general contribution to classes; use of Blackboard; preparation of seminars; private study; conduct analysis and evaluation; writing a research essay; presenting key findings.</p>	<p><i>Assessment:</i> 4500 Word essay with Bib. (100%)</p>
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7113PS	Investigative Interviewing (20 c) Semester 2	<p><i>Module aim:</i> The overall aim and distinctive quality of the module is to critically explore the intersection of psychology and policing. Further, this course will examine current practices, techniques and applications of police interviewing. During this module students will be exposed to comparative international techniques in interviewing, interpretation of verbal and physical behaviour, causes of denial, deception and defensiveness.</p> <p>Aims:</p> <ol style="list-style-type: none"> 1. To introduce students to foundational concepts of forensic psychology and how psychological theoretical models can aid in conducting a police interview. 2. To encourage students to reflect upon, explain, analyse and evaluate human behaviours and their relationship to interviewer intuitive judgements. 3. To critically engage with, explain, analyse and evaluate the central issues surrounding the interaction between offenders and victims, with an emphasis on the motivations for false confessions. 	<p><i>Learning activities:</i> The students are expected to engage in self-directed learning to develop their knowledge of the field and to prepare for interactive 2-hour lectures. Skills that will be developed include: critical thinking skills; note-taking; reading; small group discussions; general contribution to classes; use of Blackboard; preparation of seminars; private study; conduct analysis and evaluation; writing a research essay; presenting key findings.</p>	<p><i>Assessment:</i> 4500 word with bibliography (100%)</p>
7203PS	Evidence-Informed Policy and Practice (30 c) Semester 2	<p><i>Module aim:</i> The module aims to develop student's critical appreciation and understanding of the capacity of evidence-based research to contribute to practice developments in criminal justice. The module examines the contributions research informed knowledge has, and continues to make to the development of criminal justice practices and encourages students to think critically about the scope to extend further the role of evidence based thinking in developing problem solving solutions in policing and criminal justice.</p>	<p><i>Learning activities:</i> The module utilises in-class lecture and tutorial based teaching and provides online tutoring, support, and guidance for students.</p>	<p><i>Assessment:</i> Report (30%) Essay (70%)</p>

7206PS	Applied Research-Informed Evidence (10 c) Semester 2	<p><i>Module aim:</i> The module aims to provide students with the knowledge, skills and confidence to identify and present the impact of their research activity. The module will help students to tailor their research findings to academic and practitioner audiences, a process that will involve the students - drawn as they are from professional criminal justice backgrounds - working together to peer review and discuss generated research data. The module will be assessed by senior professionals from the criminal justice sector so the module's curriculum will help advance student's ability to make qualified claims from their research, to contextualise their data within the broader context of work in the field, and to offer sharp practice relevant commentary capable of identifying areas for policy and practice development.</p>	<p><i>Learning activities:</i> The module will see a heavy emphasis placed on peer review and students presenting and discussing their research findings with their criminal justice professional contemporaries. Each student will continue to work with individually appointed project supervisors to support the continues development of the generated research data and in identifying the most up to date research and policy related commentary in the chosen field.</p>	<p><i>Assessment:</i> Presentation (100%)</p>
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Product design

4164PDE	Introduction to Electronics and Control (20 c) Semester 2	<i>Module aim:</i> This module introduces the fundamentals of applied mathematics and electronics, both theoretically and through practical application, building circuits in laboratories. You will also learn to write simple code as a tool for engineering. You will work both individually and as part of a group during this module.	<i>Learning activities:</i> Lectures, tutorial, Demonstration and practical activities	<i>Assessment:</i> Idea design and plan (30%) Final demonstration (70%)
4165PDE	Mechanics, Materials and Manufacture (20 c) Semester 2	<i>Module aim:</i> This module will cover the subjects of basic mechanics, mathematical theory, materials science and manufacturing technologies through a series of case studies and design-led lectures, seminars and workshops.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials, practical sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Mechanical Sci Test (70%) Materials and Manuf Test (30%)
4166PDE	Model Making & Engineering Practice (20 c) Semester 2	<i>Module aim:</i> Introduce design modelling and provide the practical skills necessary to produce physical 3D models.	<i>Learning activities:</i> This is a studio based, practical module were students are taught the basic modelling skills required for their programme of study.	<i>Assessment:</i> A portfolio of models (100%)

4174CSD	Introduction to Electronics and Control (20 c) Semester 2	<i>Module aim:</i> This module introduces the fundamental concepts of electronics and control, through theory and practical applications in the laboratory. The concepts of simple program design, as an essential tool for modern device development, will be outlined. Work will be undertaken individually and will also be developed within teams.	<i>Learning activities:</i> Demonstration, practical and workshop activities.	<i>Assessment:</i> Interim Presentation & Design (30%) Final Presentation & Demo. (70%)
5164PDE	Embodiment Design (20 c) Semester 2	<i>Module aim:</i> Introduces students to the skills and knowledge necessary to take a conceptual design, from design brief, through the embodiment phase of design, to the production of detailed design documents.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials, practical sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Portfolio of detail design doc (100%)
5165PDE	Product Analysis (20 c) Semester 2	<i>Module aim:</i> Provide students with knowledge and experience relating to the static stress analysis of products.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials, practical sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Stress analysis portfolio (100%)
5166PDE	Digital Marketing & Business Model Development (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to enable the student to develop a primarily digital marketing plan for a product concept, a key part of which involves producing a promotional video and photographic still featuring the prototype.	<i>Learning activities:</i> This module will be delivered through an integrated series of ad-hoc lectures, tutorials, practical studio sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Promotional video for website (50%) Marketing plan to secure funds (50%)

6165PDE	User Centred Design (20 c) Semester 2	<i>Module aim:</i> Introduce UCD research methods and to allow students to practise the concepts and language of product semantics.	<i>Learning activities:</i> This module will be delivered through an integrated series of lectures, tutorials, practical sessions, guided design activities and case studies. The learning activities are to be student focused and develop the students design knowledge through experiential learning.	<i>Assessment:</i> Poster and Model (70%) Gallery and Process Book (30%)
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Psychology

<p>4205PSYSCI</p>	<p>RESEARCH METHODS AND STATISTICS IN PSYCHOLOGY 2: TESTING FOR DIFFERENCES (10 c) Semester 2</p>	<p><i>Module aim:</i> 1. To introduce the tools for carrying out a literature search. 2. To develop an understanding of basic statistical concepts, descriptive statistics, t-tests, Mann-Whitney U test, Wilcoxon Matched Pairs, ANOVA, post-hoc testing. 3. To use SPSS to carry out statistical analyses. 4. To give practical experience of between subjects research methods. 5. To develop practical report writing skills.</p>	<p><i>Learning activities:</i> 1. Attend lectures and workshops 2. Use SPSS/PASW statistical software 3. Use databases to find literature. 4. Complete coursework tasks 5. Complete prescribed reading</p>	<p><i>Assessment:</i> Portfolio (100%)</p>
<p>4206PSYSCI</p>	<p>INTRODUCTION TO BIOLOGICAL AND COGNITIVE PSYCHOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To explain how evidence is used to refute and support theories in psychology 2. To describe the physiological mechanisms underlying a range of psychological processes 3. To describe the cognitive mechanisms underlying perception, memory and attention</p>	<p><i>Learning activities:</i> Lectures introduce students to the topics, seminars focus on preparation for assessments. On-line conferences provides further support for assessment preparation.</p>	<p><i>Assessment:</i> MCT Exam (40%) Essay questions (60%)</p>

4207PSYSCI	<p>CONCEPTS IN MENTAL HEALTH AND WELLBEING (20 c) Semester 2</p>	<p><i>Module aim:</i> Introduce historical and conceptual basis of the illness perspective underpinning development of classification and diagnosis of mental health in clinical psychology Illustrate critical viewpoints regarding the limitations in the illness perspective as a basis for a modern clinical psychology Introduce the conceptual basis of a positive clinical psychology that emphasises healthy adjustment, happiness and human strengths Highlight the current developments in clinical psychology in terms of a move away from a categorical to a dimensional perspective of describing illness and wellness Examine how “trans-diagnostic” factors such as emotion regulation and psychological flexibility underpin the emergence of a new conceptualisation of mental health and wellbeing Provide examples of conceptual and historical issues by reference to disorders of emotion regulation (e.g., anxiety, depression eating disorders), personality disorders, and chronic health conditions (e.g., pain).</p>	<p><i>Learning activities:</i> Lectures, seminars, reading and assessment preparation.</p>	<p><i>Assessment:</i> Course work Essay (30%) Final exam (70%)</p>
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5202PSYSCI	RESEARCH METHODS AND STATISTICS IN PSYCHOLOGY 4: ADVANCED QUANTITATIVE RESEARCH METHODS (20 c) Semester 2	<i>Module aim:</i> 1. To examine the rationale behind and use of advanced tests of differences and relationships in psychological research. 2. To develop an understanding of factorial analysis of variance (ANOVA), multivariate analysis of variance (MANOVA), simple regression and multiple regression. 3. To analyse data using advanced statistical tests such as factorial ANOVA, MANOVA and multiple regression. 4. To provide practical experience of between participant, within participant, mixed, MANOVA and correlational designs. 5. To use SPSS to carry out statistical analyses. 6. To develop practical report writing skills.	<i>Learning activities:</i> 1. Attend lectures and workshops 2. Use SPSS statistical software 3. Complete coursework tasks 4. Complete prescribed reading	<i>Assessment:</i> Practical report (70%) Exam (30%)
5203PSYSCI	COGNITIVE AND BIOLOGICAL PSYCHOLOGY (20 c) Semester 2	<i>Module aim:</i> 1. To explore how neurophysiological processes influence behaviour. 2. To investigate the structure and basic mechanisms of the brain. 3. To examine key advances in the understanding of individual differences in human cognition, including theories of perception, memory, language processing, thinking and attention.	<i>Learning activities:</i> Lecture & seminar attendance, independent study, library search, essay preparation, online conferencing, discussion forum. The module will be delivered in large groups for lectures and small groups for seminars. Lectures are used to present key information and seminars will focus on activities and student readings.	<i>Assessment:</i> short essays cog & bio (50%) Multiple choice exam cog & bio (50%)

5206PSYSCI	<p>CONTEMPORARY ISSUES IN APPLIED PSYCHOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To introduce students to the psychology of risk-taking behaviours and threat assessment in the context of health, digital communication and crime 2. To develop students' ability to evaluate risk-taking behaviours and threat assessment in applied psychology from multiple perspectives 3. To facilitate students' personal and educational development through structured and supported tutorials</p>	<p><i>Learning activities:</i> - lectures - workshop - analysis of journal papers - workshop - group discussion - tutor-led discussion board - personal tutorial</p>	<p><i>Assessment:</i> essay (50%) exam (50%)</p>
6202PSYSCI	<p>HEALTH PSYCHOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To explore in depth the major concepts and research methods used in the field of health psychology. 2. To critically appraise biopsychosocial factors involved in the enhancement of health and prevention of illness. 3. To analytically assess the role of secondary prevention in relation to health and illness. 4. To examine, in detail, specific health problems and their impact on both patients and families. 5. To compare and contrast techniques used in the application of health psychology for both the prevention and management of illness.</p>	<p><i>Learning activities:</i> Lectures (32hrs) & Seminars (8hrs)</p>	<p><i>Assessment:</i> Literature review (50%) Exam (50%)</p>

6203PSYSCI	COGNITIVE NEUROSCIENCE (20 c) Semester 2	<p><i>Module aim:</i> 1. To examine the relationship between brain and behaviour. 2. To introduce the main methodologies of Cognitive Neuroscience, such as brain imaging, lesion studies, electrophysiological studies. 3. To examine how the use of different neuroscientific methodologies fosters the understanding of cognitive functions. 4. To explore the role of Cognitive Neuropsychology within the wider field of Cognitive Neuroscience. 5. To examine the effects of different types of brain damage on psychological functioning. 6. To examine several cognitive functions in greater detail, as for example perception, attention, memory, or executive functions.</p>	<p><i>Learning activities:</i> Students on this module will engage in a range of different learning activities. Many of the lectures will include interactive components which encourage students to participate in active exchange in groups and with the tutors. Directed seminar activities will facilitate the active engagement with neuroscientific knowledge. Learning will furthermore be supported by directed reading of published research and a range of online-activities such as discussion forums.</p>	<p><i>Assessment:</i> Essay (60%) Exam (40%)</p>
6205PSYSCI	PSYCHOLOGY IN EDUCATION (20 c) Semester 2	<p><i>Module aim:</i> To explore the application of cognitive psychology to understanding individual differences in children’s academic performance To appreciate how social and environmental factors impact children’s academic performance To explain developmental disorders in terms of impairments of cognitive processes To investigate how developmental disorders affect learning and performance To evaluate interventions which are designed to improve aspects of academic performance</p>	<p><i>Learning activities:</i> You will be carrying out exercises and discussions in a seminar-style format. Learning will also be supported by Discussion Boards and the Adobe Connect tool for on-line interactive learning.</p>	<p><i>Assessment:</i> Case study (60%) Examination (40%)</p>
6208PSYSCI	SOCIAL COGNITION (10 c) Semester 2	<p><i>Module aim:</i> 1. To introduce students to theory and research concerning social cognition. 2. To analyse and evaluate key models and theories within the field of social cognition. 3. To explore contemporary applied issues in social cognition.</p>	<p><i>Learning activities:</i> Students will attend lectures and seminars and undertake private study on the topics presented by the tutor.</p>	<p><i>Assessment:</i> Exam (100%)</p>

6209PSYSCI	<p>FUNCTIONS OF HUMAN SLEEP (10 c) Semester 2</p>	<p><i>Module aim:</i> Aims:</p> <ol style="list-style-type: none"> 1. To introduce key theories of the functional role of sleep in relation to the brain and behaviour. 2. To explore contemporary applied issues in sleep research and to introduce students to methodologies and techniques in current use. 3. To consider potential conflict between sleep as a biological drive and social influences on sleep patterns. 4. To encourage independent review of research literature in the development of critical discussion. 	<p><i>Learning activities:</i> The module materials are presented in weekly lectures but in order to complete this module students will need to engage in independent study, library data base searching and online forum discussion.</p>	<p><i>Assessment:</i> exam (100%)</p>
6212PSYSCI	<p>PSYCHOLOGY OF SEXUAL VIOLENCE (10 c) Semester 2</p>	<p><i>Module aim:</i> This module is designed to provide future criminal justice practitioners, who are presently studying at LJMU, with a basic understanding of the psychology of sexual violence. This is very important, as LJMU students aspiring to work in the criminal justice system in future, WILL encounter this controversial topic and probably many times, during their careers. This module therefore aims to:</p> <ol style="list-style-type: none"> 1. Provide students with an understanding of the different types of sexual violence (i.e. contact and non-contact offences, offences involving adults and children, known and stranger victims, and offences involving internet etc.). 2. Provide students with an understanding of the psychological theories and motivational explanations which underpin our current understanding of why offenders commit such offences. 3. Engage students in the applied nature of working in this field, by guiding them through the assessment and formulation of a case example. 	<p><i>Learning activities:</i> Content will be delivered through weekly two hour lectures. However, a range of e'learning methods are utilised to enhance the student learning experience and to give them greater control over their own learning.</p> <p>Members of the module team have direct experience of working with sex offenders, both in secure and community settings. This has the advantage of allowing students to benefit from their specialist knowledge and experience within this field. Additionally, students will encounter different teaching styles, enriching their learning experience. Lecturers might use different approaches that are not listed above.</p>	<p><i>Assessment:</i> Essay (100%)</p>

7003POSPSY	ANALYSIS FOR POSITIVE PSYCHOLOGY (20 c) Semester 2	<i>Module aim:</i> To refresh and further develop existing knowledge and skills in qualitative and statistical analysis, interpretation, and reporting, thereby supporting empirical project work and critical evaluation of research in the field of positive psychology	<i>Learning activities:</i> The module will be delivered via seminars and IT workshops (typically a 25/75% split) to provide students with the practical and analytical skills necessary to meet the learning outcomes. Students will be provided with both qualitative and quantitative raw data sets that will be used to develop an understanding of the 'real world' process of managing, analysing and presenting data.	<i>Assessment:</i> Qualitative analysis (50%) Quantitative analysis (50%)
7006POSPSY	PROMOTING AND PRESERVING WELLBEING (30 c) Semester 2	<i>Module aim:</i> Developing from the knowledge gained in the Pathways to Wellbeing module, students will explore and appraise a range of applied approaches and interventions that promote and support wellbeing through the life course.	<i>Learning activities:</i> This module will be delivered via a blend of lectures and workshops. Students will be introduced to examples of applied approaches or interventions that promote and support wellbeing throughout the life course. Students will engage in critical analysis of such approaches or interventions and explore how they operate within contemporary structural, social and cultural contexts.	<i>Assessment:</i> Essay (70%) Presentation (30%)
7105HEAPSY	HEALTH PSYCHOLOGY: CONTEXT AND APPLICATIONS (20 c) Semester 2	<i>Module aim:</i> To introduce students to the ways in which theory and knowledge covered in other MSc modules can be applied in context. To investigate and practise the basic interpersonal, communication, technical and professional skills required of a practitioner in an applied setting. To examine the role interpersonal factors have on patients' decisions to seek and comply with treatment.	<i>Learning activities:</i> The material will be delivered through a mixture of traditional lectures, student-led seminars and workshops. The emphasis throughout will be on interaction, encouraging students to explore the material for themselves and develop their skills during the sessions and via directed independent reading.	<i>Assessment:</i> Report (60%) Examination (40%)

7106HEAPSY	PSYCHOSOCIAL FACTORS AND HEALTH (20 c) Semester 2	<i>Module aim:</i> To enable students to develop in-depth understanding of behavioural, cognitive, emotional and individual difference factors that contribute to health and illness.	<i>Learning activities:</i> Seminar tasks will include group discussion, case-studies, problem-solving, role-play, reviewing exercises, feedback on presentations, directed independent reading, traditional lectures and formative assessment.	<i>Assessment:</i> Examination (60%) Case Study Presentation (40%)
7107HEAPSY	STRESS, HEALTH AND COPING (10 c) Semester 2	<i>Module aim:</i> The module aims to teach students about the concept of stress and coping and how it relates to health outcomes <i>Overview:</i> Stress reactivity is described with reference psychoneuroimmunology (how autonomic, endocrine, immune physiological systems interact with the brain). The role of cognitive processes pertaining to anxiety and coping strategies is also described. The workshops contribute a practical component to the module as students perform a laboratory-based data collection exercise.	<i>Learning activities:</i> The material will be delivered through a mixture of traditional lectures and workshops. Lectures will include interactive exercises and the latter part of the module will be conducted in a laboratory workshop setting.	<i>Assessment:</i> Review & Laboratory Report (100%)

Public health

4001ENVCPH	Environmental sciences (20 c) Semester 2	<i>Module aim:</i> To provide students with an understanding of the range of stressors and their impact on the living and Built environment environment	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions, field trip and Blackboard.	<i>Assessment:</i> unseen exam (60%) 1500 word report (40%)
4001PUBHEA	Human Biology and Environmental Science (20 c) Semester 2	<i>Module aim:</i> To provide students with an understanding of the range of stressors and their impact on human health.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions, field trips, monitoring project work, and activities via VLE.	<i>Assessment:</i> Unseen exam (60%) Report (40%)
4003ENVCPH	An Introduction to Environmental Health Law and Policy (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with an introduction to law and policy making in public and environmental health	<i>Learning activities:</i> Lectures, video discussion, group work, Blackboard	<i>Assessment:</i> 2500 word report (70%) In Class Test (30%)
4003PUBHEA	Introduction to Public Health Law and Policy (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with an introduction to law and policy making in public and environmental health	<i>Learning activities:</i> Lectures, video discussion, group work, VLE supported activity	<i>Assessment:</i> Report (70%) In Class Test (30%)

4006ENVCPH	Practical Skills for Public and Environmental Health (20 c) Semester 2	<i>Module aim:</i> To provide students with an insight into the practical skills that are necessary as they begin their course and as they progress through their programme of study and into a career in Public and Environmental Health.	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions and Canvas. Student will also engage in a number of practical skills sessions	<i>Assessment:</i> group report (60%) personal reflection (40%)
5000ENVCPH	WBL - Developing Environmental Health skills (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the resources, skills and knowledge to optimise opportunities provided in the workplace to develop and strengthen a range of professional skills, relevant to an Environmental Health Practitioner, via participation in an environmental health/public health based project.	<i>Learning activities:</i> Lectures, workshops	<i>Assessment:</i> development of prof skills (100%)
5000PUBHEA	WBL - Developing Public Health Skills (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the resources, skills and knowledge to optimise opportunities provided in the workplace to develop and strengthen a range of professional skills, relevant to future working in a public health setting, via participation in an public health based project.	<i>Learning activities:</i> Lectures, workshops	<i>Assessment:</i> Report on placement and skills (100%)
5004ENVCPH	Research Methods for Environmental Health (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with an introduction to the methods of qualitative and quantitative data collection and analysis, as well as enabling students to critically evaluate the strengths and weaknesses of published research papers.	<i>Learning activities:</i> The module will be delivered through lectures, individual and group activities, seminars LRC visits, blackboard and personal tutorials.	<i>Assessment:</i> reserach proposal (60%) exam (40%)

5005ENVCPH	Health and Safety (20 c) Semester 2	<i>Module aim:</i> This module will enable students to understand the development and influences of Health and Safety at Work legislation within the UK and Europe and how such statutory instruments can be applied to the workplaces	<i>Learning activities:</i> Interactive lectures and presentations, guided reading, student led discussions, field trips and and BlackBoard.	<i>Assessment:</i> illustrated report (100%)
5012PUBHEA	Epidemiology, Surveillance and Public Health Intelligence (20 c) Semester 2	<i>Module aim:</i> This module will provide students with the foundations of epidemiology, and an introduction to population based health surveillance methods and public health intelligence.	<i>Learning activities:</i> Mixture of lectures, class-based practicals, PC-lab practicals, group work, presentations. Online resources and discussion boards will also be used.	<i>Assessment:</i> Report (60%) Presentation (40%)
6001ENVCPH	Professional and interdisciplinary studies (30 c) Semester 2	<i>Module aim:</i> This module aims to facilitate the development of a holistic view of the professional nature of environmental health and its inter-relationships with other professional disciplines.	<i>Learning activities:</i> This module will be primarily student led. Interactive lectures and seminars will facilitate increased knowledge. Guided reading and the use of Blackboard will guide independent study.	<i>Assessment:</i> case study portfolio (60%) seen exam (40%)
6003ENVCPH	Career planning and professional development (10 c) Semester 2	<i>Module aim:</i> to develop and practice skills to prepare graduates of the programme for the professional requirements of registration as an Environmental Health Practitioner and the world of work.	<i>Learning activities:</i> This practical, skills based module will be delivered through lectures and seminars, practical exercises and online learning tasks. It is linked to the personal tutor system and will utilise videos and simulated exercises to develop interviewing skills.	<i>Assessment:</i> reflective essay (70%) interview (30%)

6003PUBHEA	Career and Professional Development (10 c) Semester 2	<i>Module aim:</i> To develop and practise skills to prepare graduates of the programme for the variety of jobs available within the public health setting	<i>Learning activities:</i> This practical, skills based module will be delivered through lectures and seminars, practical exercises and online learning tasks. It is linked to the personal tutor system and will utilise videos and simulated exercises to develop interviewing skills.	<i>Assessment:</i> Reflective essay (70%) Interview (30%)
6007PUBHEA	Health Inequalities (10 c) Semester 2	<i>Module aim:</i> This module aims to consolidate students' knowledge of health inequalities, and their measurements and to stretch students to evaluate existing strategies aimed at reducing health inequalities.	<i>Learning activities:</i> Mixture of lectures, class-based practicals, group work, presentations. Online resources and discussion boards will also be used.	<i>Assessment:</i> Illustrated Report (100%)
6008PUBHEA	Making Public Health Happen (20 c) Semester 2	<i>Module aim:</i> This module provides students with a real-life perspective on effecting change in public health. Consolidating theoretical knowledge from level 5, students will now gain additional knowledge of the structure of public health organisations, the challenges and approaches to translating public health evidence into policy and practice and scenario-based learning to examine the many roles of the public health practitioner.	<i>Learning activities:</i> A mixture of lectures, facilitated workshops, presentations and scenario-based working.	<i>Assessment:</i> Group presentation (20%) Individual report (80%)
7001PUBHEA	Epidemiology (20 c) Semester 2	<i>Module aim:</i> This module aims to provide participants with an understanding of epidemiological methods and the ability to critically evaluate epidemiological and other evidence in order to examine the health status, health determinants and health needs of population groups.	<i>Learning activities:</i> Learning will take place through formal and informal sessions involving lectures, seminars, group work, class discussions and directed reading. There will also be regular use of online discussion boards and self directed study supported by extensive online materials.	<i>Assessment:</i> Methods Essay (40%) Surveillance Report (60%)

7005PUBHEA	International Health (10 c) Semester 2	<i>Module aim:</i> To enhance knowledge and understanding of international approaches to health system development and maternal and child health	<i>Learning activities:</i> Lectures; video discussion workshops; seminar workshops; Blackboard based activities: online quizzes, discussion boards	<i>Assessment:</i> Unseen exam (100%)
7007PUBHEA	Health Improvement (20 c) Semester 2	<i>Module aim:</i> To provide students with the theoretical and practical knowledge and skills to effectively plan, implement and evaluate health improvement projects and programmes, to improve health and well being of populations.	<i>Learning activities:</i> Lectures, group discussion, group work, self directed study, guided reading and Blackboard activities including discussion boards.	<i>Assessment:</i> Critical evaluation (50%) Dragons Den Presentation (50%)
7009PUBHEA	Violence (10 c) Semester 2	<i>Module aim:</i> The module aims to provide participants with the knowledge to understand the impact of different kinds of violence on society and evaluate approaches to violence control at local, national and international levels.	<i>Learning activities:</i> The module uses a 'broken lecture' format of short lectures, seminars, videos, group work and class based discussion.	<i>Assessment:</i> Essay (100%)
7011PUBHEA	Addictions: Policy and Interventions (20 c) Semester 2	<i>Module aim:</i> To enhance knowledge and understanding of the objectives of addictions policy and to critically assess the effectiveness and utility of interventions.	<i>Learning activities:</i> Lectures; seminar workshops; Blackboard activities	<i>Assessment:</i> Essay (100%)
7013PUBHEA	Independent Study (10 c) Semester 2	<i>Module aim:</i> To provide students with an opportunity to develop their own learning and knowledge base in a public health topic of their own choosing.	<i>Learning activities:</i> Tutorials and independent study. Could include online learning or work related activity.	<i>Assessment:</i> Report (100%)

7015PUBHEA	Public Health Intelligence: Advanced Methods (10 c) Semester 2	<i>Module aim:</i> The course aims to provide advanced knowledge of public health intelligence practice and develop extensive practical skills in the analysis of public health information and the development of public health intelligence	<i>Learning activities:</i> Learning will involve informal lectures with discussion and classroom based exercises using classroom iPads, and extensive use of practical sessions in IT suites using a range of specialist software. The course will also make use of online resources and discussion boards.	<i>Assessment:</i> Health inequalities analysis (100%)
7016PUBHEA	Systematic Review (10 c) Semester 2	<i>Module aim:</i> Through participation in this module students will gain the knowledge and skills necessary to undertake a rigorous systematic review.	<i>Learning activities:</i> Workshop and computer based practical sessions on developing the methods for systematic review. Broken lectures including Individual exercises, and small and large group discussions. Blackboard related support.	<i>Assessment:</i> Research proposal (100%)
7017PUBHEA	Epidemiology and Basic Statistics (20 c) Semester 2	<i>Module aim:</i> This module will provide students with foundations of epidemiology, including basic concepts underpinning study design, how to pose an answerable question and to design a study to answer said question. It will also give students a thorough exposure to basic statistical techniques used in quantitative analysis.	<i>Learning activities:</i> Learning will take place through formal and informal sessions involving lectures, seminars, group work, class discussions and directed reading. There will also be regular use of online discussion boards and self directed study supported by extensive online materials.	<i>Assessment:</i> Study design group report (50%) Statistics exam (50%)

Sociology

4103SOC	Researching the Everyday (20 c) Semester 2	<i>Module aim:</i> 1. To introduce students to the research process; 2. To have students plan out a research design for a small piece of group research and, 3. To have students collect data for a small piece of group research.	<i>Learning activities:</i> Lectures, Seminars, Computer Workshops, Tutorial support.	<i>Assessment:</i> Bronze Statement (10%) Presentation (50%) Report (40%)
4104SOC	Culture and Sociology (20 c) Semester 2	<i>Module aim:</i> 1. To examine the relationship between sociology and culture. 2. To apply contemporary theory to the analysis of cultural texts and practices. 3. To develop students' understandings of the sociological relevance of cultural texts.	<i>Learning activities:</i> Three hours of lecture and workshop activity per week. Six hours of tutorial support spread across the module in order to make formative feedback and guidance available to students. Private study and guided reading.	<i>Assessment:</i> 2000 Word Essay (50%) Seen Exam (50%)
5102SOC	Research in Action (20 c) Semester 2	<i>Module aim:</i> 1. To further develop students understanding of qualitative research methods and strategies and to assess the appropriateness of their use. 2. To provide students with an opportunity to undertake qualitative research with organisations working within the sociological field. 3. To enhance collaborative presentation, group work skills and independent working.	<i>Learning activities:</i> Lectures, seminars, small group activities, workshops on using computer assisted data analysis package directed learning tasks and field work.	<i>Assessment:</i> Poster Presentation (20%) Report (80%)

5103SOC	Cultural and Critical Theory (20 c) Semester 2	<p><i>Module aim:</i> 1. To explore the development of cultural and critical theory in historical and epistemic contexts.</p> <p>2. To develop students' theoretical literacy and their ability to identify appropriate sources, both primary and secondary.</p> <p>3. To examine and apply critical and cultural theory to questions relating to subjectivity and the constitution and experiences of modern subjects.</p>	<p><i>Learning activities:</i> Students will attend lectures to stimulate interest and provide information and workshops to allow active learning and debate.</p>	<p><i>Assessment:</i> Annotated Bibliography (30%) Essay (70%)</p>
5106SOC	Society and Environment in Conflict (20 c) Semester 2	<p><i>Module aim:</i> 1. To provide a critical understanding of the origins of social and environmental conflicts in society.</p> <p>2. To provide a critical understanding of the nature of social and environmental conflicts in society.</p> <p>3. To provide a critical understanding of the consequences of social and environmental conflicts in society.</p> <p>4. To explore a variety of case studies of contemporary social and environmental conflicts.</p>	<p><i>Learning activities:</i></p> <ul style="list-style-type: none"> • 3 Hours of Lectures and workshops per week • 6 Hours of Report Writing Tutorial spread across the module so that students have access to a continuous stream of guidance and formative feedback in the process of compiling and writing their assessed report • Private study and guided reading • Approximately 10-20% of the course will be delivered 'off-site' so that students can interact with, and learn from, people involved in contemporary social and environmental conflicts. • Blackboard will be used to facilitate learning activities and interactive discussions, as well as to maintain an up-to-date range of source materials providing coverage of current debates 	<p><i>Assessment:</i> Report (100%)</p>

5107SOC	The Medicalised Body: The Sociology of Health and Illness (20 c) Semester 2	<p><i>Module aim:</i> 1. Demonstrate the contribution sociologists have made to the understanding of health and illness</p> <p>2. Explore key areas in the sociology of health, focusing on different theoretical perspectives and methodological approaches</p> <p>3. Facilitate an examination and understanding of power and inequality as they relate to medicalisation</p> <p>4. Obtain the theoretical and analytical skills to deconstruct experiences of the medicalised body using relevant critical theories.</p>	<p><i>Learning activities:</i> Integrated and flexible sessions including: lectures, tutorials and student-led seminars.</p>	<p><i>Assessment:</i> Presentation (50%) Seen Exam (50%)</p>
6103SOC	International Fieldwork in Sociology (20 c) Semester 2	<p><i>Module aim:</i> 1. To provide students the opportunity to conduct a focused piece of critical independent work in an international context, under supervision, on an area congruent with the themes and substance of the Sociology programme.</p> <p>2. To provide a vehicle for the improvement and development of a variety of transferable skills and abilities appropriate to the task in hand, from identification of appropriate topic/s through to the development of a study programme tailored to the needs of the student and the presentation of a clear, coherent and robust piece of reflective written work.</p> <p>3. To encourage students to monitor and reflect critically on their own learning.</p>	<p><i>Learning activities:</i> Lectures, Workshops, Independent Study, Fieldwork, Tutorials.</p>	<p><i>Assessment:</i> Research Plan (25%) Reflective Report and Blog (75%)</p>

<p>6104SOC</p>	<p>Radical Planet: Protest, Resistance and Alternatives to Urban Capitalism (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To critically understand the workings of capitalism in an urban housing context. 2. To critically understand the nature and effectiveness of protest and resistance against urban capitalism in the context of historical and contemporary struggles. 3. To critically understand the philosophy and practice of radical alternatives to urban capitalism in the UK and globally. 4. To critically appreciate the extent to which living alternatives are limiting the hegemonic reach of capitalism in the UK and globally. 5. To critically appreciate the existing potential for achieving political and social change in the UK and globally.</p>	<p><i>Learning activities:</i> • 3 Hours of Lectures and workshops per week • 6 Hours of Report Writing Tutorial spread across the module where students will be given guidance on their completion of a series of workbook tasks which will act as preparation for their viva and final report. • Private study and guided reading • Approximately 10-20% of the course will be delivered 'off-site' so that students can interact with, and learn from, radical activists. • Blackboard will be used to facilitate learning activities and interactive discussions, as well as to maintain an up-to-date range of source materials providing coverage of current debates</p>	<p><i>Assessment:</i> 3500 word workbook (75%) 10-15 min group media report (25%)</p>
<p>6107SOC</p>	<p>Disability Studies (20 c) Semester 2</p>	<p><i>Module aim:</i> 1. To deepen students understanding of the experience of disability. 2. To deepen students understanding of models and theories of disability. 3. To develop students' ability to apply models and theories to contemporary issues in disability praxis.</p>	<p><i>Learning activities:</i> Integrated sessions based on short lectures interspersed with classroom discussions. Blended learning activities.</p>	<p><i>Assessment:</i> Group Presentation (30%) Essay (70%)</p>

6108SOC	Body Politics: Gender, Sexuality and Society (20 c) Semester 2	<p><i>Module aim:</i> 1. To evaluate different theoretical perspectives on gender, sexuality and the body.</p> <p>2. To critically analyse normative ideas concerning body image, beauty, gender and sexuality.</p> <p>3. To explore how the body is regulated in society by laws and social norms, and how these are resisted and challenged.</p>	<p><i>Learning activities:</i> Lectures/workshops and tutorials.</p>	<p><i>Assessment:</i> Blog (20%) Essay (80%)</p>
6109SOC	Cultural Sociology of Music (20 c) Semester 2	<p><i>Module aim:</i> 1. To consider music's role in and impact on social life, structure and experience.</p> <p>2. To consider some of the classic and current approaches within the sociology of music.</p> <p>3. To exemplify these approaches with reference to empirical studies in music sociology.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Tutorials.</p>	<p><i>Assessment:</i> Essay (40%) Report (60%)</p>
6113SOC	Sociology Work Placement 2 (20 c) Semester 2	<p><i>Module aim:</i> This module aims to enable students to develop, apply and analyse the knowledge, skills and attitudes necessary to effectively and successfully undertake a Sociology related work placement.</p>	<p><i>Learning activities:</i> Students will be expected to independently manage their work placements and to progress their attainment of agreed workplace objectives with support from their academic supervisor and a link worker in their placement provider. This will include undertaking regular hours at their work placement, ongoing communication and negotiation with their work placement provider; workshops and supervision.</p>	<p><i>Assessment:</i> In Class Placement Presentatin (30%) 3500 Words Portfolio (70%)</p>

<p>7002MCCC</p>	<p>Re-imagining Cities: using cultural policy & place marketing (30 c) Semester 2</p>	<p><i>Module aim:</i> The aim of the module is for students to gain a detailed understanding and critical engagement with:</p> <ul style="list-style-type: none"> • the different ways in which cities are re-imagined and re-imaged, by whom and to what ends. • good practice in how cultural policy and projects have contributed to re-imagining and regenerating cities and the consequent policy issues, choices and dilemmas. • the breadth of global formal and informal representations of cities from the perspective of various actors. 	<p><i>Learning activities:</i> A lecture and workshop series will provide students with a grounding in the subject matter to enable them to explore key issues in further depth in essays. Students will be expected to conduct independent reading and study to enable them to raise questions at the end of the lectures and to contribute to discussions in seminars/workshops. Students will gain feedback on their developing skills by using a series of formative assessments throughout the module. These formative assessments will include short case studies, critical debates and short answer questions.</p>	<p><i>Assessment:</i> Essay (80%) Reflection (20%)</p>
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7004MCCC	Creative Communities (30 c) Semester 2	<p><i>Module aim:</i> Provide an appropriate range and depth of theoretical and professional knowledge to enable students to understand the key issues and challenges for creativity and /or cultural led community interventions</p> <p>Critically evaluate the impact of arts and culture on community building, civic participation and enhancing personal well being</p> <p>Present, through a series of case studies, opportunities for critical inquiry into sites of creative action</p> <p>Develop students' ability to evaluate critically established practices, paradigms and/or methodologies and foster the formulation of new critical insights into creative practices</p>	<p><i>Learning activities:</i> Lecture series providing students with an underpinning theoretical knowledge of creative communities, case study research and tools for measuring social and cultural impacts.</p> <p>Lecture series of case studies presented by and with leaders of creative communities/actors within creative communities</p> <p>Case studies as a research method</p> <p>Students will be expected to conduct independent reading and study to enable them to raise questions at the end of the lectures and to contribute to discussions in seminars/workshops.</p> <p>Students will gain feedback on their developing skills by using a series of formative assessments throughout the module. These formative assessments will include short case studies, critical debates and short answer questions.</p>	<p><i>Assessment:</i> Essay - Written logic model (30%) Essay (70%)</p>
7102CSS	Critical Social Science Project Development (30 c) Semester 2	<p><i>Module aim:</i> 1. To promote reflection on students' theoretical and methodological orientation and help them situate their own work in relation to advances within the field;</p> <p>2. To help students acquire skills and confidence in chairing discussion and presenting their own ideas;</p> <p>3. To prepare for the writing phase by mapping out the different elements of the project and organising them into an appropriate structure.</p>	<p><i>Learning activities:</i> Presentations, seminars, workshops, one-to-one tutorials.</p>	<p><i>Assessment:</i> Literature Review (50%) Dissertation Plan (50%)</p>

Sport science

4101SPFOOT	SCIENCE AND FOOTBALL FOUNDATIONS (20 c) Semester 2	<i>Module aim:</i> The module aims to introduce and develop the student's knowledge and understanding of the multifaceted role of science in football, by introducing key aspects of physiology, psychology, skill acquisition, sociology, performance / match analysis, and biomechanics in football	<i>Learning activities:</i> Students are expected to attend time-tabled lectures/seminars and are encouraged to utilise the available directed learning/tutorial time to get advice from the module staff and/or conduct essential reading. Some of the teaching sessions will contain seminars where students engage in personal development tasks. In addition, students will be expected to engage in a significant amount of private study. Students should complete the required and recommended reading to widen their knowledge and understanding, along with their ability to evaluate material. Students will be required to provide evidence of this in the production of their coursework and an in-class test.	<i>Assessment:</i> Essay (50%) Exam (50%)
4102SPOPSY	APPLIED SPORT PSYCHOLOGY FOUNDATIONS (20 c) Semester 2	<i>Module aim:</i> The module aims to familiarise students to the fundamental role and professional training requirements of the applied sports psychologist. Key communication skills that are relevant for sport psychology practice are also explored.	<i>Learning activities:</i> Students will be required to engage in a series of lectures which discuss the development of Applied Sport Psychology as a discipline and vocation. Within these sessions, students will begin to consider the role, knowledge, skills and training requirements integral to the profession. Students will begin to develop an appreciation of the importance of communication process, counselling skills and teambuilding through both lectures and workshop activities.	<i>Assessment:</i> Portfolio (50%) Exam (50%)

4104SPOSCI	RESEARCH METHODS 1 (20 c) Semester 2	<p><i>Module aim:</i> The aim of this module is to introduce the fundamental concepts of research methods, along with covering the basic application and interpretation of statistical and mathematical techniques that are relevant to research conducted in sport and exercise sciences.</p>	<p><i>Learning activities:</i> Lectures will be used to deliver the concepts of research methods. However, to facilitate understanding, students will be asked to undertake activities and tasks as part of the lecture. A combination of lectures and computer practicals will be used to teach students how to apply, interpret and report statistical analysis, as part of these session students will be taught how to use a statistical software package. The sports maths workshops are designed to be interactive sessions. In each workshop students will be given a short description of the mathematical technique to be used. Students will then work through tasks in order to further their understanding of the technique.</p>	<p><i>Assessment:</i> Maths Exam (33%) Statistics and research design (67%)</p>
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<p>4105SPOSCI</p>	<p>PHYSIOLOGICAL RESPONSES TO ACUTE EXERCISE (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop knowledge and understanding of the basic structure and function of key physiological systems and metabolic processes and discuss how these systems and processes respond to acute exercise</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will be required to evidence this in the production of their coursework and the module examination.</p>	<p><i>Assessment:</i> Laboratory Report (60%) MCQ exam (40%)</p>
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4106SPOSCI	<p>PHYSICAL ACTIVITY, SEDENTARY BEHAVIOUR AND HEALTH FOUNDATIONS (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to introduce the principles underpinning the promotion of physically active, low sedentary, healthy lifestyles. The structure of this module, and associated modules at level 5 and 6, is guided by the behavioural epidemiology framework. The module also aims to provide an introduction to quantitative and qualitative methodologies in physical activity (PA) and sedentary behaviour (SB) research, and to develop skills in data analyses and interpretation.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures, practicals and workshops and are encouraged to utilise the available directed learning/private study time and resources made available via the virtual learning platforms. Students should seek advice from module staff and/or conduct essential reading as directed. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge, understanding and their ability to apply module material. Students will be required to evidence this in exams, the production of their coursework, in practical/tutorial discourse, and via learning platform tasks.</p>	<p><i>Assessment:</i> Group poster presentation viva (50%) Online test (50%)</p>
5102SPOPSY	<p>APPLIED SPORT PSYCHOLOGY ADVANCED SKILLS (20 c) Semester 2</p>	<p><i>Module aim:</i> Teach students advanced methods and techniques used in applied sport psychology. Help students contextualize core psychology concepts. Allow students to develop self-awareness of career relevant knowledge, skills, and experiences.</p>	<p><i>Learning activities:</i> Student-centred methods including tutorials, seminars, group activities, and on-line learning resources.</p>	<p><i>Assessment:</i> Qualitative research report (50%) Group research report (50%)</p>

5103SPOSCI	<p>BIOMECHANICAL PRINCIPLES (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to develop the understanding of biomechanical principles and key measurement techniques for use in sport and exercise contexts.</p>	<p><i>Learning activities:</i> You will be required to attend lectures on a weekly basis and to engage with practical sessions. You will also have online activities, worksheets and data analysis and interpretation tasks. You will complete one laboratory report and an exam.</p>	<p><i>Assessment:</i> Biomechanics Lab Report (50%) Biomechanics Short Answer Exam (50%)</p>
5104SPOSCI	<p>RESEARCH METHODS 2 (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to develop an understanding of the key issues and concepts underpinning different types of research. This will include a development of both quantitative and qualitative research methods as well as data analysis procedures</p>	<p><i>Learning activities:</i> Students receive lectures on all topics covered in the module. Lectures will be supported by workshop and practical sessions where appropriate. Students will be able to critique their understanding at specific time points by completing formative tests.</p>	<p><i>Assessment:</i> Qualitative methods report (50%) SPSS & quantitative design (50%)</p>

5106SPOSCI	<p>PHYSICAL ACTIVITY, SEDENTARY BEHAVIOUR AND HEALTH PRINCIPLES (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to develop the student's theoretical knowledge and practical skills required for the promotion of physically active, low sedentary, healthy lifestyles. The structure of this module, and associated modules at level 4 and 6, is guided by the behavioural epidemiology framework. The module also aims to provide practical opportunities to develop skills associated with the assessment of physical activity and sedentary behaviour.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time and resources made available via the virtual learning platforms. Students should seek advice from module staff and/or conduct essential reading as directed. Some of the teaching sessions will contain practical based activities where students will be required to use their analytical, statistical and problem solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge, understanding and their ability to apply module material. Students will be required to evidence this in the production of their coursework, in practical/tutorial discourse, and via learning platform tasks.</p>	<p><i>Assessment:</i> Practical and viva (50%) Group presentation (50%)</p>
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5112SPFOOT	CURRENT ISSUES IN SCIENCE AND FOOTBALL 2 (20 c) Semester 2	<i>Module aim:</i> The module aims to develop students' knowledge and skills of current issues and applied concepts in football in the disciplines of biomechanics, coaching, and performance analysis. The module also aims to develop students' ability to analyse and evaluate the scientific research around these current areas.	<i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain group work, practical and laboratory based activities where students will be required to use their analytical, statistical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to evaluate and apply material. Students will be required to evidence this in the production of their coursework and other assessments.	<i>Assessment:</i> Essay (50%) Presentation (50%)
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6102SPOPSY	<p>APPLIED SPORT PSYCHOLOGY PLACEMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to apply student's skills and knowledge to work in applied practice through a programme sourced group placement and supervision processes akin to that of professional training. The module is primarily delivered through placement activity and supervision seminars and will allow the student to develop group working skills, product development related to applied sport psychology practice and develop reflective narrative skills.</p>	<p><i>Learning activities:</i> Students are expected to attend the time-tabled lecture and are encouraged to utilise the available directed learning / private study time to get advice from university placement tutor/ placement provider and/or conduct essential reading. Within the University Placement Tutor (UPT; this is the supervisor of the placement) supervision sessions students will be required to use their reflective, analytical and problem-solving skills to enhance their own learning. Students should complete required and recommended reading to widen their knowledge and understanding and their ability to critically evaluate and material. Students will be required to evidence these skills through the assessment tasks.</p>	<p><i>Assessment:</i> Group product (40%) Product critique and narrative (60%)</p>
6105SPOSCI	<p>PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOUR INTERVENTIONS IN PRACTICE (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to engage students in key physical activity, sedentary behaviour and health intervention concepts. It will explore current evidence and practice related to promoting physical activity and reducing sedentary time in a range of populations/settings and also examine how interventions are designed and evaluated.</p>	<p><i>Learning activities:</i> Students will be required to attend lectures, some of which may be delivered by guest speakers. Workshops, practicals, online practicals and online worksheet tasks should be completed as directed. Additional tutorials will be available during the module to support learning. Students will be required to book tutorials throughout the semester using the usual booking system to support learning, and will also be required to complete prescribed reading and engage in directed study tasks.</p>	<p><i>Assessment:</i> Critical Review (50%) Poster presentation (50%)</p>

6106SPOSCI	<p>CLINICAL BIOMECHANICS (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is for students to gain the knowledge and skills necessary for evaluating gait quantitatively and to gain the critical knowledge of muscle and tendon function and adaptation.</p>	<p><i>Learning activities:</i> Lectures Laboratory practicals to collect gait data Using custom made programs on LJMU AppPlayer (ReportGenerator and TemporoSpatial) with existing data available on BlackBoard Try QTM 3D motion capture software on LJMU AppPlayer, with pre-recorded data, following a step-by-step guide</p> <p>ReportGenerator: Compare video of a normal gait case with angle curves Data processing with step-by-step guide Explore gait analysis related websites (CMAS standards, ESMAC, CGA) For the muscle and tendon content there will be lectures followed up by laboratory demonstration and measurement plus analysis of typical data</p>	<p><i>Assessment:</i> Gait analysis report (50%) Clinical biomechanics exam (50%)</p>
6107SPOSCI	<p>PSYCHOLOGY AND DEVELOPMENT ISSUES IN SPORT (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to develop student's ability to critically evaluate contemporary sport and exercise psychology concepts that influence athletes' and exercisers' performance and development. The module will address topics, such as anxiety, flow, identity, career transition, applied sport and exercise psychology consultation within a critical evaluation of the psycho-socio, cultural and environmental considerations of development.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning / private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain activities where students will be required to use their analytical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to critically evaluate material. Students will be required to evidence this in the production of their coursework essays and examination.</p>	<p><i>Assessment:</i> Essay (50%) Exam (50%)</p>

6108SPOSCI	<p>SKELETAL MUSCLE PHYSIOLOGY, METABOLISM AND NUTRITION (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to increase your understanding of the regulation of the metabolic processes by which muscles are provided with energy during exercise as well as examining the molecular mechanisms underpinning muscle adaptation to exercise training. Having drawn upon this theoretical knowledge, the module also aims to develop your ability to translate this information to the applied context of sports nutrition with the goal of improving sports performance, training adaptations and recovery.</p>	<p><i>Learning activities:</i> Lectures Tutorials/Seminars Laboratory practical sessions Self-directed learning</p>	<p><i>Assessment:</i> Lab Report (50%) Exam (50%)</p>
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6109SPOSCI	<p>APPLIED PLACEMENT (20 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to provide students with the opportunity to develop and reflect on their theoretical knowledge and applied practice skills by engaging in a work related learning project.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures at the outset of the module. These will be delivered by staff with experience of working in applied sport science settings. These sessions will enable students to enhance their knowledge and understanding of key professional practice issues. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to apply material. Students will then engage in a group based work related learning project under the mentorship of an academic member of staff. Forty hours of student learning activity time has been allocated to represent the time spent on, for example, preparation, data collection / analysis, dissemination and feedback within the project. The time spent on each these activities will vary according to the specific requirements of the project. Group based work related tutorials will assist students in preparing for the project and subsequently support them through the experience. Students should maintain a reflective diary and a record of group and supervision meetings to support their personal development and inform the assessment tasks.</p>	<p><i>Assessment:</i> Group Product (35%) Poster presentation & defence (65%)</p>
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6111SPFOOT	<p>BIOMECHANICS OF FOOTBALL (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to examine biomechanics of football skills and risk factors for injury. The module develops the students' understanding of biomechanical factors related to football skills, equipment and injury prevention and their ability to critically analyse these concepts.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain group work, practical and laboratory based activities where students will be required to use their analytical, statistical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to evaluate and apply material. Students will be required to evidence this in the production of their coursework and other assessments.</p>	<p><i>Assessment:</i> Analysis Report (50%) Exam (50%)</p>
6113SPFOOT	<p>PHYSIOLOGY OF FOOTBALL (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop students' ability to examine and critically analyse the physiological responses to football-specific intermittent exercise patterns. Develop students' theoretical knowledge and understanding on the factors that contribute to effective training programme design in football and develop their ability to critically analyse the research evidence associated with these factors.</p>	<p><i>Learning activities:</i> Students are expected to attend time-tabled lectures and are encouraged to utilise the available directed learning/private study time to get advice from module staff and/or conduct essential reading. Some of the teaching sessions will contain group work, practical and laboratory based activities where students will be required to use their analytical, statistical and problem-solving skills to enhance their own learning. Students should complete the required and recommended reading to widen their knowledge and understanding and their ability to evaluate and apply material. Students will be required to evidence this in the production of their coursework and other assessments.</p>	<p><i>Assessment:</i> Report (70%) Presentation (30%)</p>

7100SPOSCI	<p>PATHOPHYSIOLOGY OF CARDIOVASCULAR DISEASE (20 c) Semester 2</p>	<p><i>Module aim:</i> This module will primarily focus on the causes of atherosclerotic vascular disease in humans. Detailed consideration will be given to the pathophysiology of macrovascular manifestations of atherosclerosis including heart disease and stroke, the largest causes of mortality and morbidity in developed and developing countries. Microvascular disease and associated morbidities such as retinopathy, nephropathy and neuropathy will also be considered. Finally, the role of exercise in amelioration of cardiovascular diseases and risk factors will be considered.</p>	<p><i>Learning activities:</i> Students are expected to attend timetabled lectures. Analysis of current theory in the pathophysiology of cardiovascular disease will be central to this module and application of theory to practice will be debated. Students will be required to think critically and integrate multiple disciplines when evaluating the role of exercise in a variety of cardiovascular diseases. Students should complete the required work related learning tasks as well as the recommended reading to widen their critical knowledge and understanding. The integration of theoretical and practical knowledge should be evidenced in the assessment tasks.</p>	<p><i>Assessment:</i> Examination (100%)</p>
7102SPOSCI	<p>ADVANCED EXERCISE PHYSIOLOGY AND EXERCISE PRESCRIPTION (20 c) Semester 2</p>	<p><i>Module aim:</i> The basic aims of this module are to extend and deepen the students' knowledge and understanding related to the acute and chronic physiological responses to exercise. This will focus on cardiovascular responses to exercise but will also touch upon neuron-endocrine and metabolic responses. Based upon this advanced knowledge students will critically reflect on the importance, role and practicalities of exercise prescription in a range of diseased populations. Again the emphasis will be on cardiovascular diseases and associated risk factors but will also touch upon other major disease groups such as cancer and respiratory disease.</p>	<p><i>Learning activities:</i> Lectures, tutorials and laboratory demonstrations.</p>	<p><i>Assessment:</i> Case study presentation (50%) Essay (50%)</p>

7103SPOSCI	<p>PROMOTION, ADHERENCE AND COMPLIANCE (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to enable students to integrate evidence-based behaviour change strategies to enhance physical activity adherence in clinical populations.</p>	<p><i>Learning activities:</i> Students are expected to attend timetabled lectures and workshops. Synthesis and analysis of current efforts to promote physical activity will be central to this module and application of theory to practice will be debated during workshops. Students will be required to think critically and integrate multiple disciplines when evaluating the effectiveness of physical activity interventions. Students should complete the recommended reading to widen their critical knowledge and understanding.</p>	<p><i>Assessment:</i> Essay (50%) oral presentation (50%)</p>
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7113SPOSCI	<p>CLINICAL MOVEMENT ANALYSIS (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to provide the conceptual and practical knowledge base that develops and extends your understanding of clinical movement analysis. The students will learn how to interpret gait analysis results in a clinical context through exposure to the current literature, specialised methods, and clinical case studies. They will also be exposed to the latest research developments in the unique area of virtual rehabilitation. A long track record of academic staff in gait analysis and virtual rehabilitation ensures that students gain insight into both the theoretical and practical aspects of these important applications of biomechanics. The existing links and ongoing collaboration with the North West Movement Analysis Centre at Alder Hey Children’s NHS Foundation Trust provide access to clinical case presentations and invited speakers.</p>	<p><i>Learning activities:</i> Attend lectures and demonstrations, complete prescribed reading, experimental laboratory assignments and coursework tasks. In addition, attend visiting lecture presentations. The acquired skills include the methodological aspects, comprehension of the latest research advances as well as the role of gait analysis in clinical decision making. We share the latest developments in virtual rehabilitation with a focus on the latest research and how this unique application can impact clinical practice. We will cover basic concepts in the beginning and then progress towards a higher level of complexity. Your existing knowledge of measurement techniques and data reduction techniques will be refreshed first. This knowledge will be applied in the understanding of normal gait. You will then be exposed to the interpretation of genuine biomechanical data gathered while testing individuals with a variety of movement problems. One of the most challenging parts will be an engagement in the process of clinical decision making informed by biomechanical results. Finally you will gain insight into the theory of virtual rehabilitation through examples from our own research.</p>	<p><i>Assessment:</i> Essay (50%) Case report and oral (50%)</p>
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7114SPOSCI	<p>MUSCLE-TENDON MECHANICS (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to introduce the main biomechanical characteristics of human muscles and tendons and the implications for human movement, performance and biomechanical testing. The mechanical parameters and behaviour of these tissues of the human body in-vivo will also be examined in response to chronic loading and disuse in order to understand basic musculoskeletal mechanisms and adaptations underpinning changes in whole-body function and performance.</p>	<p><i>Learning activities:</i> This module provides two hours of direct contact per week for 12 weeks in terms of lectures and lab-based work that will respectively cover the theoretical and practical background required. Learning activities include:</p> <ol style="list-style-type: none"> 1. Attend lectures on theoretical concepts and research topics 2. Complete coursework tasks 3. Complete prescribed reading 4. Complete experimental/laboratory tutorials 	<p><i>Assessment:</i> Experimental report (50%) Essay (50%)</p>
7115SPOSCI	<p>BIOMECHANICAL ASSESSMENT IN SPORT AND EXERCISE (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to provide the conceptual and practical knowledge base that develops and extends the understanding of biomechanical assessment. Biomechanical assessment has a role in performance evaluation, in injury prevention, and in injury rehabilitation. This module exposes students to the current issues relating to biomechanical assessment in a theoretical and practical context and prompts self-awareness of the skills required to conduct biomechanical assessments.</p>	<p><i>Learning activities:</i> The module aims at providing a theoretical and practical background that enables you to create and understand a biomechanical assessment in sport and exercise. Lectures will primarily cover the evidence-base behind certain tests, or the lack of it. These lectures will generally be complemented with a lab session to get exposed to the actual tests.</p>	<p><i>Assessment:</i> Assessment proposal (50%) Assessment report (50%)</p>

7135SPOSCI	<p>PROFESSIONAL PRACTICE IN SPORT PSYCHOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop a critical awareness of the theory-to-applied issues governing professional practice in Sport Psychology, including ethical guidelines and legislation, core competencies used in education and consultancy settings, and literature relating to the applied philosophies and methods of evaluation governing effective professional practice.</p>	<p><i>Learning activities:</i> In the first half of the module students are required to attend key 'professional standards' oriented lectures to discuss professional practice issues and to prepare them for a 40 hour professional practice based placement activity within a work related setting. In the second half of the module the placement is completed. This is supplemented by a programme of group and individual supervisory tutorials, which facilitate reflection on theory-to-practice issues generated by the placement activity. Students critical understanding of the theoretical and ethical issues governing sport psychology practice is assessed towards the end of the module via a written case study essay, followed by a professional practice viva based on the case study that critically evaluates professional practice competency and the impact of professional philosophy and approaches to practice on applied work.</p>	<p><i>Assessment:</i> Case study (50%) Viva (50%)</p>
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<p>7136SPOSCI</p>	<p>FRAMEWORKS, APPROACHES AND SKILLS IN SPORT PSYCHOLOGY (40 c) Semester 2</p>	<p><i>Module aim:</i> The module aims to critically review the theoretical frameworks, approaches and skills relevant to Sport Psychology practice. Initial focus is centred on consultant philosophy and its broad impact on performance enhancement and athlete development, and enables students to critically evaluate the different theoretical perspectives relating to Counselling approaches in Sport Psychology. The module also seeks to extend the students' appreciation of other therapeutic perspectives, including cognitive behavioural, psychoanalytical and existential approaches to practice. Students will also learn about the counselling and interpersonal skills that are relevant to sport psychology work. The theory-to-application underpinning mental training is explored, and specific psychological skills and strategies that assist the development of 'behaviour change' in both sport (Mental Toughness, confidence, anxiety control) and exercise (adherence) populations are reviewed. Finally, the social processes involved in working with groups and organizations are explored, with specific focus on the impact of group identity, organisational culture, in-career transitions and social relationships on athlete development. The module content also enables individual differences to be embedded and considered within the delivery.</p>	<p><i>Learning activities:</i> Students are expected to attend lectures and workshops, which provide key material for the attainment of the learning outcomes. Sessions will engage students in interactive debate around contemporary theory governing applied practice and it's associated philosophies, approaches and skills. In addition, prescribed reading is required to develop students critical understanding of Applied Sport Psychology issues and this wider knowledge should be reflected in the written assessments.</p>	<p><i>Assessment:</i> Critique (50%) Consultancy report (50%)</p>
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7143SPOSCI	<p>EXERCISE METABOLISM (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to increase the students understanding of the regulation of the metabolic processes by which muscles are provided with energy during exercise as well as examining the molecular mechanisms underpinning muscle adaptation to training, disuse and metabolic disease.</p>	<p><i>Learning activities:</i> This module will use a combination of formal lectures, class practicals and small group seminars to fully engage the students in their own learning. Concepts discussed in lectures will then be explored in the laboratory and this will be reflected in the assessment which will be in the form of a written laboratory report.</p>	<p><i>Assessment:</i> Laboratory practical & report (50%) Short answer exam (50%)</p>
7144SPOSCI	<p>SUPPLEMENTS AND DRUGS IN SPORT (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to develop the students critical understanding of the use of performance enhancing drugs and supplements in sport. A critical and comprehensive understanding of the issues pertaining to supplement and drug use in sport is essential for anyone wishing to pursue a career in sports nutrition and is indeed a key component of the SENR competencies. Sessions will include lectures, seminars and lab practicals as well as site visits and guest lecture from athletes. The information taught in this module will be essential for 7045SPOSCI in semester 2 where the students will engage in an applied work placement.</p>	<p><i>Learning activities:</i> Lectures will form the basis of this module although there will also be some practicals, small group seminars and a site visit to a sports nutrition company's manufacturing site.</p>	<p><i>Assessment:</i> Position stand on supplements (50%) Examination (50%)</p>

7151SPOSCI	<p>APPLIED PRACTICE IN COACHING, PLANNING AND MONITORING SCIENCES (20 c) Semester 2</p>	<p><i>Module aim:</i> This module provides students with mastery and expertise in the coaching process and the development, implementation, and evaluation of periodized training programmes. The module aims to encourage critical understanding of the science underpinning the coaching process in the strength and conditioning context and periodized training programme development, implementation, and evaluation. The module will provide the opportunity to demonstrate a critical analysis of the coaching process and periodized training programme development, implementation, and evaluation.</p>	<p><i>Learning activities:</i> This module provides three hours of direct contact per week. Students will receive stimulus lectures on the topics concerned. Students will also take part in interactive tutorials, where they will be required to apply material presented in the stimulus lectures to real world type situations.</p>	<p><i>Assessment:</i> Case study report (50%) Oral presentation (50%)</p>
7154SPOSCI	<p>PHYSIOLOGY OF STRENGTH AND CONDITIONING (20 c) Semester 2</p>	<p><i>Module aim:</i> To develop the students' knowledge and understanding related to the acute and chronic physiological responses to resistance and endurance exercise, and how these responses may be optimized by manipulating dietary behavior and training environment.</p>	<p><i>Learning activities:</i> 1. Prescribed and independent reading prior to each lecture. 2. Lectures. 3. "Journal club" type discussions: Students present key papers to class. 4. Laboratory practicals. 5. Scientific writing (lab report). 6. Presentation skills.</p>	<p><i>Assessment:</i> Laboratory report (50%) Examination (50%)</p>
7155SPOSCI	<p>BIOMECHANICS OF STRENGTH AND CONDITIONING (20 c) Semester 2</p>	<p><i>Module aim:</i> This module aims to introduce the main biomechanical characteristics of human muscles, tendons and joints, and the implications for human movement, performance and biomechanical testing. The mechanical parameters and behaviour of these tissues of the human body in-vivo will also be examined in response to chronic loading and disuse in order to understand basic musculoskeletal mechanisms and adaptations underpinning changes in whole-body function and performance.</p>	<p><i>Learning activities:</i> 1. Attend lectures on theoretical concepts and research topics 2. Complete coursework tasks 3. Complete prescribed reading 4. Complete experimental/laboratory tutorials</p>	<p><i>Assessment:</i> Laboratory report (50%) Oral presentation (50%)</p>

7163SPOSCI	<p>APPLIED EXERCISE PHYSIOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> The aim of this module is to provide theoretical understanding and practical training in the construction and delivery of performance and health-related exercise programmes. In addition students will critically examine the validity and appraise the merits of monitoring exercise performance using new ‘wearable’ technologies.</p>	<p><i>Learning activities:</i> Sessions typically begin with a lead-lecture or demonstration covering essential theoretical underpinnings followed by practical training. Student engagement is essential, it is expected that all students will contribute at some level in both exercise prescription, monitoring and training. This module incorporates field activities with the aim of monitoring exercise activity and energy expenditure. These activities may be conducted in (i) home/work-based environments (ii) performance/competitive environments such as the Manchester Velodrome, or (iii) during outdoor activities such as mountain biking (Llandegala) or hill walking (Snowdon).</p>	<p><i>Assessment:</i> Oxford debate (50%) Poster defence (50%)</p>
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7164SPOSCI	<p>INTEGRATIVE PHYSIOLOGY AND METABOLIC REGULATION (20 c) Semester 2</p>	<p><i>Module aim:</i> The purpose of this module is to develop and enhance the students' understanding of the adaptive responses to acute and chronic (training) exercise using human muscle and cardiovascular physiology, biochemistry and molecular biology as the underpinning disciplines. This knowledge should give students the theoretical and integrative insight in the development of exercise prescriptions to maximize athletic performance across a large range of sport disciplines, and to improve physical performance and health in people of all ages and covering a wide range of physical activity levels and exercise capacities.</p>	<p><i>Learning activities:</i> Students are expected to attend interactive lectures (2 h session per week), wherein a combination of didactic teaching and group discussions will be used to develop critical understanding of the topics. In addition, a large part of postgraduate-level study is based on directed independent learning outside of formal classes, including: extra reading, group work and keeping up-to-date with current events related to the subject. Undertaking this work, as directed by your tutors, will assist you in building on fundamental aspects learnt in class, but also in pursuing your own interests related to the subject of study. It is expected that you will commit your time to undertaking these independent study activities just as you would commit time to attending scheduled lessons.</p>	<p><i>Assessment:</i> Essay (40%) Examination (60%)</p>
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<p>7165SPOSCI</p>	<p>CONTEMPORARY RESEARCH IN EXERCISE PHYSIOLOGY (20 c) Semester 2</p>	<p><i>Module aim:</i> This module encompasses a series of keynote lectures highlighting prominent research themes within the Research Institute for Sport and Exercise Sciences. As such, the module attempts to bring attention ‘hot topics’ in physiology, in relation to sport and exercise. In addition, wider aspects of physiology, e.g. the benefits of exercise in relation to preserving or restoring health are also covered. This module also aims to develop scientific communication (written and oral) skills and the ability to critically appraise scientific literature.</p>	<p><i>Learning activities:</i> Students will be expected to attend interactive lectures and workshop sessions (2 h session per week). The principal learning activities include didactic lectures from leading researchers and follow-up Journal Club discussions or writing workshops aimed at developing critical appraisal and scientific communication skills. Students will evaluate original research papers that relate to the key topics or experiment techniques and samples of writing will be used for workshops. Timetabled sessions represent a relatively small portion of the study time required for successful completion of this module. Effective postgraduate study relies heavily on independent learning outside of formal classes, including: directed reading and writing tasks, relating to the topics. Undertaking this work, as directed by your tutors, will assist you in building on fundamental aspects delivered in class, but also in pursuing your own interests related to the subject of study. It is expected that you will commit your time to undertaking these independent study activities just as you would commit time to attending scheduled lessons.</p>	<p><i>Assessment:</i> Essay (35%) Abstract (15%) Presentation (50%)</p>
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Sports studies

4203SSLN	Sport Management (20 c) Semester 2	<i>Module aim:</i> This module is designed to introduce students to the basic management principles in a range of sports settings and use theory to design solutions for a range of initiatives.	<i>Learning activities:</i> Students will participate in workshops that include case studies, and working alongside external organisations students will work both in groups and as individuals. Activities will be student-centred and will enable participants to realistically develop an understanding of management principles. Students will have the opportunity to apply the theory developed in this module to a work-based experience that is part of 4204SSLN.	<i>Assessment:</i> Essay (40%) Exam (60%)
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4205SSLN	Sport Business 2 (20 c) Semester 2	<i>Module aim:</i> This module follows Sport Business 1 and progresses the concepts with a focus on sports federations, National Governing Bodies and the role of the media and technology. Federations/ governing bodies will be analysed and explored to enable students to understand the landscape of the sports business.	<i>Learning activities:</i> This module will be taught through a combination of workshops, authentic learning tasks and industry case studies. This will be supported through individual and group tutorials. Activities will be student-centred and will enable participants to realistically develop an understanding of the sport business.	<i>Assessment:</i> Report (40%) Group Presentation (60%)
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4206SSLN	Sport Business in Practice 1 (20 c) Semester 2	<i>Module aim:</i> This module will allow students to experience, observe, contribute to and apply professional principles and sport business theory within a practical work-related environment.	<i>Learning activities:</i> The module is designed to promote the concept of the autonomous learner, and to get students to start to plan for a career in sport business. This will be facilitated through experiential / action learning in a way that promotes both the emotional, intellectual and vocational development of the student. Students will attend a work-based learning placement/project for a minimum of 10 days, that meets the individual student's needs and requirements.	<i>Assessment:</i> Report (70%) Ind. Presentation (30%)
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4302SSLN	Applied Pedagogy 1 (10 c) Semester 2	<i>Module aim:</i> This module will enable students to consider and appreciate how physical education can provide a positive learning environment for the development of a wide range of skills and attributes. These include movement, sport-specific skills, leadership and teamwork. This module will allow for reflection on how pedagogy can impact on the physical, affective, cognitive and social development of individuals.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in a variety of ways Practical teaching of peers and experience in a range of practical activities	<i>Assessment:</i> Portfolio (100%)
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4306SSLN	Contemporary Issues in Physical Education 1 (20 c) Semester 2	<i>Module aim:</i> This module aims to develop a conceptual understanding of a broad range of issues in physical education and sport. Students will analyse these issues using philosophical and sociological perspectives.	<i>Learning activities:</i> Theoretical and practical concepts and principles will be introduced and developed through a combination of lectures, seminars and practical learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and workshop sessions, in order to aid their contribution to discussions and debates from an informed point of view.	<i>Assessment:</i> Presentation (100%)
4307SSLN	Physiology 1 (20 c) Semester 2	<i>Module aim:</i> The aim of this module is for individuals to develop an understanding of the physiological developments, principles and energy systems required in relation to practical performance. Individuals will also develop an awareness of the different stages of physical development through infancy, childhood, adolescence and adulthood. Finally, an understanding of theoretical knowledge and application will support the ability of individuals to devise appropriate training sessions.	<i>Learning activities:</i> The module content will be explored in lectures, seminar groups and through a range of practical activities. Theoretical lectures will be provide appropriate subject knowledge to support practical application. Examination of practical performance will be explored during practical sessions and will require the use of ICT in order to report, review and evaluate exercise training sessions.	<i>Assessment:</i> Exam (50%) Essay (50%)
4404SSLN	Sport and Society (20 c) Semester 2	<i>Module aim:</i> This module considers the place of sport within society, its relationship with prevalent social issues and provides an introduction to key sociological theories.	<i>Learning activities:</i> This module will be taught via lectures, seminars and tutorials.	<i>Assessment:</i> Essay (100%)

4462SSLN	Coaching Process 1 (20 c) Semester 2	<i>Module aim:</i> This module will enable individuals to consider and appreciate the complexity of the coaching process. The module will help individuals consider and develop their coaching philosophy and practice.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in a variety of ways Practical coaching of peers and experience in a range of practical activities	<i>Assessment:</i> Report (100%)
4465SSLN	Strength and Conditioning for Coaches (20 c) Semester 2	<i>Module aim:</i> This module introduces students to the applied field of strength and conditioning (S&C). S&C is an evolving discipline that focuses on developing and maximising the physical and performance characteristics of sports participants along the sports pathway. In order to do so, students will be exposed to the application scientific principles (e.g. anatomy & physiology, biomechanics and training theory) underpinning human movement and performance. The module will be delivered in classrooms and practical spaces.	<i>Learning activities:</i> The module will be delivered through lecture based workshops, practical sessions, online tasks, individual/group tasks and tutor support sessions.	<i>Assessment:</i> Exam (100%)

4466SSLN	Employability and Professional Development 1 (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to provide an effective platform for students to examine employability and personal development through personal development planning (PDP) and work related learning (WRL). The module will provide opportunities to observe and engage in a variety of learning activities within a number of different settings, develop an understanding of effective pedagogical skills and their application in practical and work related contexts. This module will also provide a framework to support students in becoming an autonomous, and effective reflective practitioners.	<i>Learning activities:</i> Placement based experiential learning Study skills techniques including note-taking, active reading, planning for an assignment and information searches Group discussions as an aid to learning Presenting information in practical environments Self-reflection	<i>Assessment:</i> Reflective Presentation (50%) Poster Presentation (40%) Self-Awareness Statement (10%)
5204SSLN	Sports Media (20 c) Semester 2	<i>Module aim:</i> This module aims to provide a detailed insight into the multi-platform sport media industry. It will analyse both historical and contemporary perspectives of the role of media in sport, exploring online and offline offerings.	<i>Learning activities:</i> Students will participate in workshops, seminars and on-line learning introducing real life case studies and theoretical constructs. Students will be supported through group and individual tutorials	<i>Assessment:</i> Essay (30%) Report (70%)
5205SSLN	Sport Business - Elite (20 c) Semester 2	<i>Module aim:</i> The aim of the module is for students to gain an in-depth understanding of the delivery and development of sport at elite level.	<i>Learning activities:</i> Students will participate in workshops and online learning introducing real-life case studies and theoretical constructs. Students will be supported through group and individual tutorials.	<i>Assessment:</i> Poster (50%) Portfolio (50%)

5206SSLN	Sport Business in Practice 2 (20 c) Semester 2	<i>Module aim:</i> This module will support students in developing their employability and entrepreneurship skills. It is designed to provide students with the opportunity to negotiate either a placement or a project with an external host organisation.	<i>Learning activities:</i> The module is designed to promote the concepts of the autonomous learner. A significant part of the module will involve the delivery of a placement or project that students will self-negotiate with an external host. A small proportion of the learning hours will be spent in seminars to develop links between the placement/project and the context of other modules on the programme.	<i>Assessment:</i> Presentation (30%) Report (70%)
5304SSLN	Research Design (20 c) Semester 2	<i>Module aim:</i> This module will develop students' understanding of a range of research methodologies and methods typically used within social science research. Students will create a research project proposal that will prepare them for further research study in level 6.	<i>Learning activities:</i> This module is taught through lectures, seminars, practical and tutorials and will link to the core modules. The project proposal will also prepare students for a larger-scale research study in level 6.	<i>Assessment:</i> Presentation (50%) Report (50%)
5306SSLN	Physical Education Teacher Education 1 (20 c) Semester 2	<i>Module aim:</i> This option module aims to provide students with the opportunity to understand and analyse the role of physical education in terms of planning, teaching, learning and assessment in the 5-19 years age range.	<i>Learning activities:</i> Theoretical and practical concepts and principles will be introduced and developed through a combination of lectures, seminars and practical learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and workshop sessions, in order to aid their contribution to discussions and debates from an informed point of view.	<i>Assessment:</i> Portfolio (100%)

5309SSLN	Skill Acquisition 2 (20 c) Semester 2	<i>Module aim:</i> This module aims for students to develop an understanding of how to implement a non-linear pedagogy to improve motor skills during physical education lessons. This will be based upon a dynamical systems framework and include a constraints based approach to teaching.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches. Online lectures. Planning and using individual and group discussions as an aid to learning. Presenting information in practical environments.	<i>Assessment:</i> Paired Presentation (30 mins) (100%)
5363SSLN	Leadership in Outdoor Adventure 2: Extreme Environments (20 c) Semester 2	<i>Module aim:</i> To enable students to develop the knowledge and skills to be able to plan and execute journeys appropriate for environments that present extreme conditions. Outdoor Adventures in extreme environments requires an understanding of how they may exert physiological and psychological conflict to normative functioning. It will consider the effects of extreme environments on the human condition, and how this might impact on leadership skills in conditions of ecological stress; such as mountaineering in winter conditions (including skiing).	<i>Learning activities:</i> 1. Directed practice and coaching of outdoor activities in a supervised and monitored learning climate. This will require the students to demonstrate their knowledge and practical skills of leadership in extreme environments. 2. Lectures, seminars, prescribed-reading and group-discussions on the fundamental principles, theories and practices of Outdoor Adventure in extreme environments. 3. Written reports in which students show their learning, and demonstrate an ability in relating the effects of physiological and psychological aspects of operating in extreme conditions, on leadership and decision-making. 4. Information gathering on expected conditions and safe practice in extreme environments from published sources and field investigation. 5. These activities will provide opportunities to develop and use professional skills and awareness.	<i>Assessment:</i> Presentation (40%) Report (60%)

5364SSLN	Applied Psychological Perspectives in Outdoor Adventure (10 c) Semester 2	<i>Module aim:</i> This module will provide an overview of key psychological foundations to psychological functioning, human development, and teaching and learning. This will give students a broad understanding of areas of applied psychology, allowing them to consider these perspectives in relation to outdoor adventure experiences and outdoor education theory and practice.	<i>Learning activities:</i> Activities will be student-centred and facilitate group and individual work. They will include lectures, seminars, practicals, and case study discussions, contextualised to outdoor settings and practice.	<i>Assessment:</i> Portfolio (100%)
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5365SSLN	Professional Practices in Outdoor Adventure 2 (20 c) Semester 2	<i>Module aim:</i> This module aims to develop the students understanding of the role of the modern professional outdoor educator.	<i>Learning activities:</i> Lectures, workshops, practical experience and reflection will be the main form of student learning activities. Students will be required to work in groups examining research and evaluation-related publications, including abstracts, journal articles, methods of presentation of results, methods of data analysis and interpretation of results. Workshops will also enable students to use computer-based facilities to input data and analyse results using, for example, SPSS, Excel, Nvivo or MASQDA. This will be done by linking theory, research and practice to the development and application of Outdoor Education. Students will critically evaluate a range of professional ethical issues as related to range of outdoor practice topics. Students will deliver challenge-type team outdoor activities to develop an appropriate understanding of the impact of these activities on teams and individuals, on other resource users, on the environment, and on other associated professional issues. They will also review and evaluate of practical experiences for future professional applications.	<i>Assessment:</i> Portfolio (100%)
5366SSLN	Work Related Learning 1 (10 c) Semester 2	<i>Module aim:</i> The aim of this module is to provide the student with the opportunity to set and work towards personal employment goals within an area of work that may be relevant to your future career choice.	<i>Learning activities:</i> Lectures; workshops; directed reading; seminar presentations.	<i>Assessment:</i> Presentation (100%)

5405SSLN	Delivering Adapted Activities (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to enable students to identify and manipulate the factors affecting the construction and delivery of sports activities, taking into account the bio-psycho-social needs of the participants.	<i>Learning activities:</i> Students will explore through lectures and in practical sessions the needs of different participant groups, and the variety of frameworks that have been devised to manage adaptations of sports activities. Students will experience and investigate how modifications in sports activities affect levels and quality of participation through their own involvement in student-led and facilitated practical sessions.	<i>Assessment:</i> Report (50%) Practice (50%)
5406SSLN	Sports Volunteering (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to define and discern between different types of volunteers and volunteering, and support students to understand and construct appropriate management systems across a range of settings and events.	<i>Learning activities:</i> Students will explore the role and development of volunteering in sport and physical activity, as well as volunteer management theory and practice, through a combination of lectures, seminars and workshops.	<i>Assessment:</i> Paired Report (100%)
5462SSLN	Coaching Process 2 (20 c) Semester 2	<i>Module aim:</i> This module will enable individuals to recognise the psycho-social influences on the coaching process. Students will be able to situate and explain the contextual nature of sport coaching by critical drawing on appropriate methodologies and theory.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lecture Planning and using individual and group discussions as an aid to learning Presenting information in a variety of ways Practical coaching of peers and experience in a range of practical activities	<i>Assessment:</i> Report (100%)

5463SSLN	Research Methods II (20 c) Semester 2	<i>Module aim:</i> This module will enhance students' understanding of the research process and develop their skills to complete investigations involving primary data collection and interpretation.	<i>Learning activities:</i> This module is taught via lectures, workshops, and tutorials. Semester one focuses on the theoretical underpinning as outlined above while semester two focuses on students developing and executing their small research project.	<i>Assessment:</i> Report (100%)
5464SSLN	Psychology for Sports Coaches 2 (20 c) Semester 2	<i>Module aim:</i> This level 5 module builds on the foundations introduced in level four by supporting student's ability to correctly apply sport psychology concepts in line with performer's outcome goals.	<i>Learning activities:</i> The module will be delivered through lecture based workshops, online tasks, individual/group tasks and tutor support sessions.	<i>Assessment:</i> Presentation (50%) Report (50%)
6203SSLN	Organisational Management and Leadership (20 c) Semester 2	<i>Module aim:</i> This module aims to analyse and interpret the structure of organisations within sport settings, thereby enabling students to develop an awareness of cultural, structural and management issues within these settings.	<i>Learning activities:</i> This module will comprise both individual and group work and will be structured around lectures, seminar groups and group tutorials. Students will be expected to select in groups an organisation to examine and to design a method to do this. They will then work independently within the structure they have set up.	<i>Assessment:</i> Report (60%) Exam (40%)
6305SSLN	Psychology 3 (20 c) Semester 2	<i>Module aim:</i> The aim of this option module is to build on the foundations introduced in level 4 and 5 by supporting student's ability to apply sport psychology concepts in line with a performer's outcome goals in a physical education setting.	<i>Learning activities:</i> This module will be taught via lectures, workshops, and tutorials.	<i>Assessment:</i> Portfolio (100%)

6306SSLN	Physical Education Teacher Education 2 (20 c) Semester 2	<i>Module aim:</i> This option module will provide students with the opportunity to critically evaluate physical education (5-19) in relation to teaching, learning and assessment.	<i>Learning activities:</i> Theoretical and practical concepts and principles will be introduced and developed through a combination of lectures, workshops and work-based learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and workshop sessions, in order to aid their contribution to discussions & debates from an informed point of view.	<i>Assessment:</i> Essay (50%) Presentation (50%)
6307SSLN	Contemporary Issues in Physical Education 3 (20 c) Semester 2	<i>Module aim:</i> This module aims to develop a deeper understanding of the role physical education plays in promoting physical activity, health and well-being of young people. Students will also critically reflect on the challenges, choices and constraints that young people experience within the complexity of the educational environment and wider society using a range of philosophical and sociological perspectives.	<i>Learning activities:</i> Theoretical and practical concepts and principles will be introduced and developed through a combination of lectures, seminars and practical learning activities. Opportunities will be available, where appropriate, for individual tutorials. Students will also be involved in a range of directed tasks which will be completed as independent study. Students will be required to complete background reading and preparations before lecture and workshop sessions, in order to aid their contribution to discussions and debates from an informed point of view.	<i>Assessment:</i> Portfolio (100%)

6308SSLN	Exercise and Nutrition for PE 2 (20 c) Semester 2	<i>Module aim:</i> This module will allow for individuals to develop an extensive understanding of the nutritional requirements to support health and physical performance. In addition, the module will require for individuals to critically review current research surrounding nutritional strategies used to improve performance. Finally, an understanding of how to measure and evaluate components of physical fitness will support the ability of individuals to make informed decisions on how best to develop health, fitness and physical performance.	<i>Learning activities:</i> The module content will be explored in lectures and through workshops. Theoretical lectures will provide appropriate subject knowledge to support practical application.	<i>Assessment:</i> Essay (100%)
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6364SSLN	Leadership in Outdoor Adventure 3 (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the opportunity to gain experience, skills, and knowledge focused towards a career pathway in the outdoor industry. By offering a choice of two from four pathways the students can demonstrate practical and theoretical expertise in outdoor education by developing practical expertise in outdoor pursuits leadership through governing body awards; practical outdoor pursuits that are used specifically in certain areas of the world but may not be covered by UK NGB awards; recreational ecology, adventure tourism and expedition planning; and adventure therapy.	<i>Learning activities:</i> Lectures on fundamental principles, combined with prescribed reading and directed practical activities. The module activities are designed to make significant contributions to enable students to develop skills appropriate to the world of work as related to the outdoor industry.	<i>Assessment:</i> Portfolio (100%)
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6404SSLN	Contemporary Issues in Sport and Society (20 c) Semester 2	<i>Module aim:</i> This module will enable students to identify contemporary issues in sport and society and critically appraise and explain them via the application of theories cognate to Sport Development and the social sciences.	<i>Learning activities:</i> This module will be taught via lectures, seminars, tutorials and workshops.	<i>Assessment:</i> Report (100%)
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6464SSLN	Applied Sport Coaching Pedagogy 3 (10 c) Semester 2	<i>Module aim:</i> At the end of this module you will be able to critically analyse the pedagogical and multidisciplinary needs of learners. The module will provide you with a conceptual understanding of pedagogical theory and you will be provided with opportunities to enhance your knowledge and understanding of pedagogical approaches.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Presentation (100%)
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6465SSLN	Coaching Process 3 (20 c) Semester 2	<i>Module aim:</i> At the end of this module you will be able to critically analyse the key factors influencing the identification and development of talent. In addition it will provide you with a conceptual understanding of planning for the development of sporting performance and enhance your knowledge and understanding of the key determinants of high performance/performing coaching.	<i>Learning activities:</i> Study skills techniques including note-taking, active reading, planning for an assignment and information searches Online lectures Planning and using individual and group discussions as an aid to learning Presenting information in practical environments Practical coaching of peers and experience in a range of practical activities Self-reflection	<i>Assessment:</i> Report (100%)
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7403SSLN	Professional Case Study (20 c) Semester 2	<i>Module aim:</i> The aim of the placement is to allow the students to gain hands on experience in working as a sport coach in order to develop the underpinning knowledge relating to key applied practice issues in sport coaching, including: ethical guidelines, core skills and competencies and practitioner perspectives within sport coaching.	<i>Learning activities:</i> Lectures will be given to prepare the students for the placement. On site learning will then take place alongside an identified placement supervisor. It will also be expected that the student will engage in regular meetings with their academic supervisor to discuss the placement and engage in practitioner led reflective practice.	<i>Assessment:</i> AS1 (100%)
7404SSLN	Advanced Training Programme (20 c) Semester 2	<i>Module aim:</i> This module aims to deepen understanding of contemporary scientific theories, principles and methods and their application in the physical development of athletes.	<i>Learning activities:</i> The module will engage in problem-based learning through the systematic review of literature. Students will be required to critically reflect on the challenges and opportunities of applying scientific theory in practice.	<i>Assessment:</i> AS1 (100%)
7405SSLN	Psychology for Sport Coaching (20 c) Semester 2	<i>Module aim:</i> The module enables students to critically evaluate and integrate current contemporary sport psychology research and best practice into their coaching. An examination of current sport psychology literature develop a coherent understanding of issues associated with emotion, motivation, peak performance and motor skill development.	<i>Learning activities:</i> Critical debate and discussion of the material and activities presented will be a central feature of the teaching sessions, where students will be required to think critically and contribute to the debate and enhance their own learning. Students should complete the required and recommended reading to widen their critical knowledge and understanding.	<i>Assessment:</i> AS1 (50%) AS2 (50%)

Tourism and events

4002SSLN	Event Marketing (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to provide a grounding in marketing theory in the context of events management.	<i>Learning activities:</i> Lectures, seminars and workshops.	<i>Assessment:</i> Report (30%) Essay (70%)
4004SSLN	Creative Event Design and Experience (20 c) Semester 2	<i>Module aim:</i> To develop students understanding of the role and importance of design, creativity and theming in the event production process. To understand the impact of design on audience experiences.	<i>Learning activities:</i> The module will be taught through a combination lectures and seminars. Theories and concepts will introduced through the lectures whilst the seminars will adopt a problem-based learning approach, employing small group teaching to encourage the students to take responsibility for what and how they learn. Field trips and guest speakers will be utilised to reinforce the theoretical concepts.	<i>Assessment:</i> Group Pitch and Concept Board (70%) Individual Portfolio (30%)
4012SSLN	Tourism Marketing (20 c) Semester 2	<i>Module aim:</i> The aim of the module is to provide students with a grounding in marketing theory.	<i>Learning activities:</i> Lectures, seminars and workshops	<i>Assessment:</i> Bibliography (20%) Essay (80%)
4013SSLN	Tourism Dynamics (20 c) Semester 2	<i>Module aim:</i> To enable students to examine the cultural geography of tourism and to develop an understanding of contemporary debates within social sciences	<i>Learning activities:</i> Delivered by lectures and seminars	<i>Assessment:</i> Journal post (50%) Review (50%)

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4014SSLN	Tourism and Leisure in Society (20 c) Semester 2	<i>Module aim:</i> To enable students to gain an insight into the broad range of social science disciplines that have informed the study of tourism and to provide an introduction to social, cultural, political and environmental issues related to the development of tourism and leisure practices.	<i>Learning activities:</i> The module will be delivered by means of lectures and interactive seminars, during which students will participate in small group discussions based around material presented in the lectures, as well as drawing on prescribed reading and case studies.	<i>Assessment:</i> Essay (30%) Exam (60%) Self Awareness Statement (10%)
5001SSLN	Staging Events 2 (20 c) Semester 2	<i>Module aim:</i> The aim of this module is to equip students with knowledge, understanding and practical skills needed to stage and evaluate a live event.	<i>Learning activities:</i> The formal staff/student contact comprises a series of sessions made up of lectures and small group activities. The sessions may include guest lectures by practitioners and event site visits.	<i>Assessment:</i> Group Live Event (50%) Report (50%)
5003SSLN	Human Resource Management for Events (20 c) Semester 2	<i>Module aim:</i> To enable students to understand the principles and practices of human resource management in events organisations.	<i>Learning activities:</i> The module will be delivered by means of lectures followed by seminars. Here students will participate in small group work based around material presented in the lectures.	<i>Assessment:</i> Reflective Essay (40%) Essay (60%)
5005SSLN	Business Events (20 c) Semester 2	<i>Module aim:</i> To provide students with an insight into the business event sector.	<i>Learning activities:</i> Lectures and workshops	<i>Assessment:</i> Short Report (30%) Report (70%)
6004SSLN	Professional Career Development (20 c) Semester 2	<i>Module aim:</i> This module aims to provide students with the opportunity to develop practical experience, skills and knowledge focused towards a career pathway in events management	<i>Learning activities:</i> Via practical activities and career development workshops.	<i>Assessment:</i> Portfolio (100%)

Liverpool John Moores University – Catalogue of modules for incoming students 2018-19

6012SSLN	Responsible Tourism and Planning (20 c) Semester 2	<i>Module aim:</i> To develop students' understanding of responsibility and sustainability in tourism, particularly focusing on tourism planning processes with regard to tourist destinations	<i>Learning activities:</i> Delivered by lectures and seminars	<i>Assessment:</i> Report (100%)
6014SSLN	International Marketing (20 c) Semester 2	<i>Module aim:</i> To critically examine the nature of international marketing with particular reference to the tourism sector.	<i>Learning activities:</i> Lectures, seminars and workshops	<i>Assessment:</i> Group Presentation (30%) Essay (70%)
7205TEFMA	International Marketing Management For Tourism And Hospitality (20 c) Semester 2	<i>Module aim:</i> To provide a critical and analytical framework for international marketing management within the context of the tourism sector and its stakeholders including the analysis of the macro and micro environment and the marketing mix	<i>Learning activities:</i> Lectures, seminars and tutorials will be the main form of learning activities	<i>Assessment:</i> AS1 (30%) AS2 (70%)
7208TEFMA	Developing Professional Practice (20 c) Semester 2	<i>Module aim:</i> This module gives students an opportunity to negotiate a part of their programme in order to develop their professional practice relating to an international tourism management topic of their choice.	<i>Learning activities:</i> Project parameters will be individually negotiated with the tutor(s). Tutorials will facilitate the project report and reflective discussion.	<i>Assessment:</i> AS1 (100%)
7209TEFMA	Strategic Management (20 c) Semester 2	<i>Module aim:</i> This module introduces students to the strategic management process related to a range of international tourism contexts.	<i>Learning activities:</i> Students will receive a series of lectures/seminars on the nature, development and scope of strategic management and to facilitate their production of a proposal for strategic change in an international tourism organisation.	<i>Assessment:</i> AS1 (50%) AS2 (50%)

Yearlong

Architecture

<p>7003MAUD</p>	<p>Studio Practice (Urban Design) (30 c) Yearlong</p>	<p><i>Module aim:</i> To explore the potentialities of urban design as a method and tool for urban regeneration, and to facilitate students in the consideration, design and presentation of ideas for the spatial development and regeneration of towns and cities. This module will be undertaken alongside students from the Master of Architecture programme module 7002MARCH.</p>	<p><i>Learning activities:</i> Teaching is predominantly through seminars tutorials and design reviews. Learning is consolidated through tutorials. Peer review is a crucial part of the design studio based experience facilitated through group tutorials seminars and reviews. Students formally present urban research, analysis and design work at key stages in design reviews for formative feedback from tutors and external critics. Students are expected to attend tutorials and reviews on a regular basis, bringing with them developmental work undertaken indicating progression since the previous discussion. At this level it is expected that students will show a high degree of motivation and ability to engage in self-directed study, to read around the subject and display initiative in problem solving. Tutors will provide advice, raise questions and prompt debate but a great deal is to be gained from their colleagues and active and frank discussions about their work in tutorials and reviews is encouraged. Design proposals for each module component will be verbally presented to the module leader, tutors, guest critics and an audience of their peers and also submitted as an illustrated report. Resources relating to the module will be placed on Blackboard throughout the course of the academic year. These resources will include lecture presentations and material, supporting information and references, workshop and assessment briefs. Required Work Items:</p>	<p><i>Assessment:</i> Artefacts (60%) Artefacts (20%) Report (20%)</p>
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			<ol style="list-style-type: none"> 1. Group Urban Strategy – drawings, models & multi-media presentation 2. Individual Urban Design Proposals - drawings & models 3. Illustrated Project Report incorporating the group and individual outputs 	
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7022MAUD	<p>Research & Practice 2 (Urban Design) (30 c) Yearlong</p>	<p><i>Module aim:</i> To present a brief overview of urban scale sustainable design principles and objectives. Then to explore a range of contemporary sustainable city best practice case studies. Then to apply the principles learned in practical project work exploring urban design sustainability benchmarks and audit methodologies.</p> <p>To provide students with a range of theoretical tools to support independent conceptual and critical evaluation of sustainable urban design.</p> <p>To explore the use of tools that enable students to understand and evaluate the environmental impact and ecology urban design proposals.</p>	<p><i>Learning activities:</i> Teaching is predominantly through a series of lectures and demonstrations. Learning is consolidated through hands on skills workshops in technical areas within the School or Faculty.</p>	<p><i>Assessment:</i> Presentation (100%)</p>
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Art

6101FA	Advanced Practice & Experimentation (40 c) Yearlong	<p><i>Module aim:</i> Evidence through experimentation an ability to develop an advanced level of contemporary Fine Art practice experimentation through the choice of appropriate media. Evidence the development of an advanced critical and theoretical engagement with appropriate methodologies of experimentation in contemporary Fine Art Practice. To focus on the various ideas and strands of research towards the development of an advanced contemporary Fine Art Practice To equip students with an awareness of post graduate courses, career focus/professional practice through the consolidation of a personal development portfolio (PDP)</p>	<p><i>Learning activities:</i> To further develop and evidence an experimentally robust approach to testing an advanced Fine Art practice at a professional level. To develop experimental approaches to both preparatory and finished work and to research so that it underpins the final production and distribution goals of the student. Coursework submission is expected to include evidence of attendance and personal notemaking on PDP lectures and seminars.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>
6114FA	Critical Research and Publication (20 c) Yearlong	<p><i>Module aim:</i> Develop the ability of students to plan and propose a sustained research project concerning their own practice Develop the ability of students to plan, implement and complete a sustained piece of practical or applied research which critically and theoretically locates the development of their own art practice. Promote the application of specific and transferable skills in a professional environment.</p>	<p><i>Learning activities:</i> Students learn relevant skills in planning and managing their own work schedule. They will need to demonstrate these skills and techniques in both tutorials with their supervisor and the dissertation presentations that they are required to give. They will also need to show self-motivation over an extended time period. Throughout their work on the dissertation students are required to attend general, small-group and tutorial meetings, with practical sessions as appropriate, in order to present and discuss the development and progress of the dissertation.</p>	<p><i>Assessment:</i> Dissertation (100%)</p>

7004MAAS	Studio Practice - Art in Science (30 c) Yearlong	<p><i>Module aim:</i> To help students develop and challenge their practice and locate it within contemporary art in science practice. To develop verbal communication skills in relation to the students' own practice and the broader context of the field of art in science. Enable students to undertake self-initiated and/or set projects that demonstrate a high level of engagement with technical processes and production methods. To provide students with an opportunity to present work which demonstrates and enhances their practice.</p>	<p><i>Learning activities:</i> Students will be required to undertake self-directed and/or set projects. Studio based tutorials, practical activities, workshops and group crits will support the development and production of these projects.</p>	<p><i>Assessment:</i> Portfolio (80%) Presentation (20%)</p>
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7006MAEXH	Studio Practice (Exhibition Studies) (30 c) Yearlong	<p><i>Module aim:</i> To introduce students to the professional practice of exhibition making; To develop awareness of core practices, models, and challenges of exhibition making; To provide students with technical and critical skills and methodologies relevant to the enhancement of their practice; To analyse and critically evaluate exhibitionary practices histories and strategies through specific exhibition case studies.</p>	<p><i>Learning activities:</i> Learning Activities include tutor-led workshops; one-to-one tutorials; self-directed study; peer group discussion, and training in proposal and report writing. Students will undertake supported site visits to relevant exhibitions in Liverpool and elsewhere. Students will analyse, discuss, and debate key exhibitions in case study sessions, and share discuss and interpret material in a similar environment. Tutorials will help students to articulate and refine ideas in relation to the Portfolio assignment.</p>	<p><i>Assessment:</i> Project (80%) Viva (20%)</p>
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7006MAFIR	Studio Practice (Fashion Innovation & Realisation) (30 c) Yearlong	<p><i>Module aim:</i> To ensure students develop creative and technical excellence in their aesthetic understanding of practical and creative practice To support students in the sourcing and utilization of appropriate materials and methodologies to create samples and trials in an appropriate format To ensure students develop practical and critical skills that demonstrate creativity, individual languages and signatures</p>	<p><i>Learning activities:</i> Study will be primarily through studio-based tutorials, studio group critiques, workshops and presentations. Students will be invited to attend presentations by professionals, scholars and alumni from the fashion and creative industries. Students will also be able to attend talks and presentations by key contributors on the Fashion BA undergraduate programme.</p>	<p><i>Assessment:</i> Portfolio (50%) Presentation (50%)</p>
7017MA	Studio Practice (Fine Art) (30 c) Yearlong	<p><i>Module aim:</i> • To help students develop their practice in relation to their own concerns and locate it within the broader context of Contemporary Fine Art practice. • To develop verbal communication skills in relation to the students' own practice and the broader context of Contemporary Fine Art Practice. • To provide students with the technical skills and methodologies relevant to the enhancement of their practice.</p>	<p><i>Learning activities:</i> Study will be primarily through studio based tutorials, studio group crits, workshops and presentations.</p>	<p><i>Assessment:</i> Presentation (80%) Portfolio (20%)</p>

Art History

6105HA	Research Project (Dissertation) (40 c) Yearlong	<p><i>Module aim:</i> To collect, evaluate and process information within the context of specified research objectives.</p> <p>To deepen and extend knowledge of the discipline.</p> <p>To formulate and present arguments with clarity, fluency and coherence according to the tenets of the discipline.</p> <p>To analyse and interpret a body of knowledge in a manner conforming to the standards of lucid scholarship.</p>	<p><i>Learning activities:</i> Research topics are chosen by students in consultation with module staff. The dissertation supervisor will monitor progress through regular timetabled tutorial sessions.</p>	<p><i>Assessment:</i> Dissertation (100%)</p>
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Biomedical Science

7101BTBMOL	FERMENTATION TECHNOLOGY PRINCIPLES (30 c) Yearlong	<i>Module aim:</i> To give an insight into Industrial, Microbiology and Biochemistry. This module will show how fundamental principles can be applied to industrial processes and will examine the wide range of microbial processes and products.	<i>Learning activities:</i> Lectures, workshops, practicals	<i>Assessment:</i> Exam (50%) Report (20%)
7101BTBMOL	FERMENTATION TECHNOLOGY PRINCIPLES (30 c) Yearlong	<i>Module aim:</i> To give an insight into Industrial, Microbiology and Biochemistry. This module will show how fundamental principles can be applied to industrial processes and will examine the wide range of microbial processes and products.	<i>Learning activities:</i> Lectures, workshops, practicals	<i>Assessment:</i> Exam (50%) Report (20%)
7102BTBMOL	RECOMBINANT DNA AND GENOMICS (30 c) Yearlong	<i>Module aim:</i> To provide in-depth knowledge of current concepts and techniques in gene manipulation, emphasizing the developments and applications of genomics.	<i>Learning activities:</i> Lectures, practicals, workshops, tutorials, student-centred activities.	<i>Assessment:</i> Examination (50%) Essay (20%) Mini-project (30%)

Biosciences

4201NATSCI	FUNDAMENTALS OF SCIENTIFIC RESEARCH (20 c) Yearlong	<i>Module aim:</i> To enable students to develop a range of academic, research and transferable skills related to their programme of study.	<i>Learning activities:</i> The module will be taught by a combination of three different modes of study including (1) 'traditional' lectures, workshops & tutorials, (2) problem-based learning via social media and (3) 'hands-on' maker education sessions via hackshops.	<i>Assessment:</i> Data Presentation & Analysis (45%) Scientific Communication (45%) Self-awareness Statement (10%)
4202NATSCI	PRACTICAL SKILLS FOR BIOLOGY (20 c) Yearlong	<i>Module aim:</i> To acquire and demonstrate theoretical and practical knowledge of laboratory and field-based methods in modern biology, with particular emphasis on familiarizing with basic laboratory techniques and equipment, ethics, and safe working practices.	<i>Learning activities:</i> The module will be delivered through a combination of lectures, laboratory practicals, workshops and field investigations in the UK.	<i>Assessment:</i> Blog post (40%) Practical Test (60%)
4203NATSCI	SKILLS FOR WILDLIFE CONSERVATION (20 c) Yearlong	<i>Module aim:</i> The aim of the module is to provide student an introduction to the key practical skills required for careers in Wildlife Conservation. Students will develop knowledge on various identification and surveying techniques for animal and plant taxonomic groups. Student will also develop skills in current techniques such as Geographical Information systems.	<i>Learning activities:</i> The module will be delivered largely through fieldtrip and laboratory and computer practicals, supported by lectures and workshops	<i>Assessment:</i> Animal Survey Presentation (50%) Plant ID Portfolio (50%)

4204NATSCI	PRACTICAL SKILLS FOR ZOOLOGY (20 c) Yearlong	<i>Module aim:</i> To provide a robust introduction to key laboratory and field skills relevant to the study of zoology. To introduce concepts of 'Good Laboratory Practice (GLP)' and safe and ethical working practices in the biosciences.	<i>Learning activities:</i> The module will be delivered through a combination of lectures, workshops, practicals, museum visits and field investigations in the UK.	<i>Assessment:</i> Practical Test (60%) Blog post (40%)
4205NATSCI	PRACTICAL SKILLS FOR ANIMAL BEHAVIOUR (20 c) Yearlong	<i>Module aim:</i> To develop theoretical, practical, and analytical skills to conduct animal behaviour fieldwork, with particular emphasis on how to sample behaviour, assess animal resource and threat abundance and distribution, as well as overall habitat characteristics.	<i>Learning activities:</i> This module is delivered through a combination of lectures, field trips and a seminar for student presentations.	<i>Assessment:</i> Practical report (60%) Group presentation (40%)
7109NATSCI	WILDLIFE CONSERVATION (30 c) Yearlong	<i>Module aim:</i> The aim of the module is to teach students both the theoretical and practical skills in wildlife conservation.	<i>Learning activities:</i> Lectures that introduce the major topics in the module. Workshops with various content that are aligned with the topics delivered in the lectures. Computer practicals Group discussions Student-led debates	<i>Assessment:</i> Literature review (50%) Presentation (50%)

Built environment

4202BEHN	<p>CONSTRUCTION GROUP PROJECT (20 c) Yearlong</p>	<p><i>Module aim:</i> To encourage the student to apply the knowledge gained from the modules within the first level of study to a suitable work derived project. Surveying and Computer Aided Design skills will also be developed around a construction project context. Graduate skills, personal development and the use of e-portfolios are introduced.</p>	<p><i>Learning activities:</i> Workshops, IT practicals in a computer laboratory, surveying practicals using equipment, fieldwork and presentations.</p>	<p><i>Assessment:</i> Portfolio of work (60%) Surveying (30%) Evidence based (10%)</p>
4203BEHN	<p>LAW AND HEALTH & SAFETY FOR THE BUILT ENVIRONMENT (20 c) Yearlong</p>	<p><i>Module aim:</i> To develop an understanding of the principles of contract and health & safety legislation To provide students with the knowledge and skills required to identify hazards and assess risks and then to make recommendations about managing those risks in the construction industry. To provide students with an appreciation of basic principles of the English law of contract, tort and property law.</p>	<p><i>Learning activities:</i> Lectures, tutorials and site visits</p>	<p><i>Assessment:</i> Exam (60%) Report (40%)</p>

4204BEHN	<p>PRODUCTION MANAGEMENT FOR CONSTRUCTION (20 c) Yearlong</p>	<p><i>Module aim:</i> This module aims at providing learners with an understanding of the application of management principles, such as effective communication methods, control and reporting techniques for the construction business. Learners will gain skills in cost forecasting and creating planning and programming charts for construction projects. Learners will also understand the importance of efficient productivity, whilst addressing quality and environmental issues.</p>	<p><i>Learning activities:</i> Lectures Tutorials and workshops Computer based learning for automated planning and costing</p>	<p><i>Assessment:</i> Report (40%) Exam (60%)</p>
4205BEHN	<p>MEASUREMENT PROCESSES FOR CONSTRUCTION (20 c) Yearlong</p>	<p><i>Module aim:</i> To establish the principles and conventions for the quantification and costing of construction works and to consider their application by the Quantity Surveyor or the Estimator as part of their key role in the economic and financial management of the construction process.</p>	<p><i>Learning activities:</i> Lectures and workshops</p>	<p><i>Assessment:</i> Test 1 (25%) Test 2 (35%) Report (40%)</p>
4206BEHN	<p>DESIGN PRINCIPLES AND APPLICATION (20 c) Yearlong</p>	<p><i>Module aim:</i></p> <ul style="list-style-type: none"> o To introduce the fundamental concepts concerning the design of dwellings in respect of: building form, function, historical precedent and impact upon the environment. o To develop knowledge and understanding of the range of drawings. o To introduce the roles and responsibilities of the various parties working in the construction industry. o To develop an understanding of the performance of buildings and the influence that materials and workmanship specification have upon performance. 	<p><i>Learning activities:</i> Lectures: supported wherever possible with site visits, guest lectures and videos. Tutorials: Studio work using Drawing Boards and IT suite.</p>	<p><i>Assessment:</i> Housing Project Design (50%) ICA (50%)</p>

6226BEUG	BUILDING ENGINEERING RESEARCH PROJECT (40 c) Yearlong	<i>Module aim:</i> To enable students to complete a substantial piece of individual work and build on their expertise in a Building Engineering subject. To develop students' research, time management, presentation and written communication skills.	<i>Learning activities:</i> Individual study and investigation. Supported by nominated Supervisor; lectures; workshops.	<i>Assessment:</i> Final dissertation report (90%) Presentation of proposal (10%)
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Business

4303BUSBS	<p>ACADEMIC AND BUSINESS SKILLS (20 c) Yearlong</p>	<p><i>Module aim:</i> To enable students to develop the concepts and skills necessary to be effective learners and gain sufficient work base skills to enhance their future employability.</p> <p>after completing the module the student should be able to</p> <ul style="list-style-type: none"> hand in work properly word processed with suitable referencing, tables of contents, page numbering, page orientation and correct text styles. manage e-mail communication professionally using upper and lower case at all times, correctly completed subject lines and proper salutations. present a business orientated topic have a basic understanding of the business use spreadsheets analyse data using spss understand the importance of digital information systems to business 	<p><i>Learning activities:</i> Lectures, workshops and on-line multimedia teaching materials including specifically targeted help videos and media content.</p>	<p><i>Assessment:</i> report (65%) Self-awareness statement (10%) presentation (25%)</p>
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Civil engineering

4206CIV	DESIGN AND SKILLS PROJECT (20 c) Yearlong	<p><i>Module aim:</i> 1. To enable the student to develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context</p> <p>2. To introduce students to their professional subject area whilst providing them with an early opportunity to engage in a collaborative environment.</p> <p>3. To develop student's self awareness skills and introduce them to CPD and personal development planning.</p>	<p><i>Learning activities:</i> Lectures, workshops, including group work and presentations Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed by the involvement of employers and stakeholders as relevant to the workplace generally.</p>	<p><i>Assessment:</i> CPD PORTFOLIO (30%) SELF-AWARENESS STATEMENT (10%) GROUP Graphic design <2500 WORDS (60%)</p>
4300CIVH	DESIGN PRINCIPLES AND CIVIL ENGINEERING TECHNOLOGY (20 c) Yearlong	<p><i>Module aim:</i> To provide the student with a fundamental understanding of the design process and the management of the building and planning process.</p> <p>To help students develop the ability to apply, analyse and evaluate the design process with consideration of sustainability, cost, time and quality.</p> <p>To encourage students to reflect on their level of competency regarding employability skills and identify opportunities for developing these skills.</p>	<p><i>Learning activities:</i> Lectures and interactive workshops.</p>	<p><i>Assessment:</i> GROUP PRESENTATION (50%) 2500 WORD INDIVIDUAL (50%)</p>

4301CIVH	<p>ENGINEERING GEOLOGY AND SOIL MECHANICS (20 c) Yearlong</p>	<p><i>Module aim:</i> To provide the student with an introduction to the engineering characteristics of geological materials and an understanding of how geological materials are classified. To provide the student with an appreciation of the significance of site investigations, the codes of practice involved, and the various methods of sampling and in-situ testing. To enable the student to identify the principles involved in assessing the stability of slopes. To enable the student to identify the principles involved in the design of foundations and earth retaining structures. To enable the student to identify the effects that seepage and the compressibility of soil can have on structures.</p>	<p><i>Learning activities:</i> Lectures, problem solving workshops, laboratory work and geology site visit.</p>	<p><i>Assessment:</i> 2000 WORDS REPORT (30%) EXAMINATION (70%)</p>
4302CIVH	<p>HYDRAULICS GROUP PROJECT (20 c) Yearlong</p>	<p><i>Module aim:</i> To provide learners with an opportunity to develop the skills needed to devise and implement a realistic project scope and scheme of work and to evaluate and present a hydraulics related project as a group. To encourage learners to become confident and effective in managing own personal and professional skills.</p>	<p><i>Learning activities:</i> Lectures, workshop and practical sessions.</p>	<p><i>Assessment:</i> 1000 WORDS (10%) 3500 WORDS (90%)</p>

4303CIVH	SCIENCE MATERIALS AND APPLIED MATHEMATICS (20 c) Yearlong	<p><i>Module aim:</i> To introduce to the student through theory and experiment the basic scientific principles underpinning engineering calculations. To expand the student's knowledge of the engineering properties of the most important construction materials based upon scientific principles.</p> <p>To introduce to the student the principles governing the choice and specification of materials.</p> <p>To provide the student with an opportunity to develop skills in applying statistical and analytical methods to solving engineering problems.</p>	<p><i>Learning activities:</i> Lectures, tutorials and practical sessions.</p>	<p><i>Assessment:</i> REPORT 2000 WORD MAXIMUM (40%) EXAMINATION (60%)</p>
4304CIVH	SITE SURVEYING PROCEDURES (20 c) Yearlong	<p><i>Module aim:</i> To introduce basic techniques for land surveying and setting out: methods of obtaining field measurements for the purpose of producing site drawings and hence the calculation of land areas and earthwork volumes, setting out points using line-of sight.</p> <p>To develop an understanding of the use and application of Computer Aided Design in the Built environment Environment and the development of 2-dimensional drafting techniques and conventions.</p>	<p><i>Learning activities:</i> Surveying lectures and workshop exercises, practical use of surveying instruments in the field, CAD workshops.</p>	<p><i>Assessment:</i> 2500 WORD FIELD PORTFOLIO (60%) EXAMINATION (40%)</p>
4305CIVH	STRUCTURAL ANALYSIS AND DESIGN (20 c) Yearlong	<p><i>Module aim:</i> To provide learners an opportunity to develop the skills required to analyse statically determinate structures in compliance with current codes of practice and standards and design and detail structural elements.</p> <p>To demonstrate and explore structural behaviour through experimentation.</p>	<p><i>Learning activities:</i> Lectures, analysis and design workshops and practical sessions.</p>	<p><i>Assessment:</i> REPORT <2000 WORDS (40%) EXAMINATION (60%)</p>

6205CIV	RESEARCH PROJECT (40 c) Yearlong	<i>Module aim:</i> To enable students to complete a substantial piece of individual work and build on their expertise in their degree specialism. To develop students research, time management, presentation and written communication skills.	<i>Learning activities:</i> Individual study and investigation, supported by nominated Supervisor; lectures; workshops.	<i>Assessment:</i> PROPOSAL (5%) DISSERTATION 8000 WORDS (85%) PROGRESS PRESENTATION (10%)
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Computing

6000DACOMP	SYNOPTIC PROJECT (40 c) Yearlong	<i>Module aim:</i> To enable the student to use rigorous development or scientific methods to produce an artefact relevant to their programme of study. To present results both orally and as a written report.	<i>Learning activities:</i> Research methods, project planning and project management methods are introduced in lectures, seminars and workshops. Students are allocated a supervisor who advises them throughout the year and checks on their progress.	<i>Assessment:</i> Project Report (85%) Presentation (15%)
6100COMP	PROJECT (40 c) Yearlong	<i>Module aim:</i> To enable the student to use rigorous development or scientific methods to produce an artefact relevant to their programme of study. To present results both orally and as a written report.	<i>Learning activities:</i> Research methods, project planning and project management methods are introduced in lectures. Students are allocated a supervisor who advises them throughout the year and checks on their progress.	<i>Assessment:</i> Project Report (90%) Presentation (10%)
7100COMP	INTEGRATED MASTERS DISSERTATION (40 c) Yearlong	<i>Module aim:</i> To develop the student's ability to plan, execute and report in depth on a major investigation. This may be carried out, where appropriate, in conjunction with industry.	<i>Learning activities:</i> A project is defined by the student in consultation with the project supervisor and the subject tutor. The nature of the project will be a substantial investigation, analysis of a problem domain, creation of software, or development of systems.	<i>Assessment:</i> Report (90%) Presentation (10%)

Criminal Justice

4021LAWCJ	Introduction to Forensic Psychology and Criminal Justice (20 c) Yearlong	<p><i>Module aim:</i> 1) To explore the relationship between Forensic psychology and Criminal Justice by examining the history of legal Psychology and the application of psychology to legal issues and procedures and how we work with those that have committed crime</p> <p>2) To look critically at the role of the Forensic Psychology in the modern Criminal Justice System by drawing on research from a variety of areas of psychological study.</p> <p>3) To examine the legal assumptions about human nature that underlie legal procedures and practices from a psychological perspective.</p> <p>4) To explore key concepts in psychological research, and consider the contribution that research has made to the practice of law and how the criminal justice system works with groups and individuals</p>	<p><i>Learning activities:</i> Lectures Workshops Independent learning Note taking Discussion</p>	<p><i>Assessment:</i> WOW Bronze (10%) Poster Presentation (40%) Examination (50%)</p>
6016LAWCJ	Dissertation (40 c) Yearlong	<p><i>Module aim:</i> To enable students to conduct independent research in a criminal justice related topic and apply to existing literature in order to provide a developed set of arguments and relevant conclusion. It can be based on either primary or secondary research depending on the programme of study undertaken.</p>	<p><i>Learning activities:</i> 1. Students will complete research proposal and ethical approval proformas 2. Students will attend workshops scheduled throughout the module 3. Students will have regular supervision sessions with their allocated supervisor 4. Students will submit a 10,000 word thesis at the end of the module.</p>	<p><i>Assessment:</i> 10,000 words Dissertation (100%)</p>

6017LAWCJ	Work Based Project (40 c) Yearlong	<p><i>Module aim:</i> To provide a work-based learning opportunity</p> <p>To develop work-related key skills</p> <p>To learn to negotiate a learning contract with a criminal justice agency</p> <p>To relate relevant research to observation of the organisation and process within the chosen criminal justice agency</p> <p>To evaluate the effectiveness of the chosen criminal justice agency in achieving at least one aspect of its stated aims</p>	<p><i>Learning activities:</i> Negotiate</p> <p>Work experience</p> <p>Observation and recording</p> <p>Analysis</p> <p>Evaluation</p> <p>Reflection</p> <p>Practice in key skills</p> <p>Written report</p> <p>Individual presentation skills</p>	<p><i>Assessment:</i></p> <p>1000 words report (10%) 7000 words report (70%) Individual Viva (20%)</p>
7003LAWPL	Sex, Crime and Society (20 c) Yearlong	<p><i>Module aim:</i> To develop a knowledge and understanding of the principles, policies and doctrines relating to the criminalisation and de-criminalisation of sexual, and sexually-related behaviour within society.</p> <p>To provide a critical analysis of the rationale for, and scope of, a selective range of sexual offences in their socio-legal context.</p>	<p><i>Learning activities:</i> Lectures, seminars, self-directed learning, structured revision session, coursework preparation.</p>	<p><i>Assessment:</i></p> <p>Sex, Crime and Society Essay (100%)</p>

Criminology

4106CRIM	Criminology & Psychology into Action (20 c) Yearlong	<p><i>Module aim:</i> 1) To allow students to appreciate the requirements of studying at HE level within the context of the Criminology & Psychology programme and to acquire such skills in a supportive environment and module structure.</p> <p>2) To provide induction into use of Library, JMU intranet, Blackboard and other key aspects of studying at LJMU.</p> <p>3) To encourage students to engage with the development of employability skills by completing a self-awareness statement.</p>	<p><i>Learning activities:</i> Teaching will mainly be delivered via interactive seminars within personal tutor groups, and will also combine lectures and visits from relevant guest speakers from University services. Teaching will also be supported by tutorial drop-in sessions.</p>	<p><i>Assessment:</i> 1500 word Essay (45%) Self-Awareness Statement (10%) Portfolio of study skills (45%)</p>
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Dance

4266SSLN	Self-Awareness and Leadership Skills (10 c) Yearlong	<i>Module aim:</i> This module aims to introduce students to the roles and responsibilities of the technical production of managing a dance event. It will evaluate and interpret self-awareness.	<i>Learning activities:</i> Lectures Workshops Seminars Tutorials Event management	<i>Assessment:</i> Practical (90%) Self-awareness statement (10%)
6261SSLN	Dissertation (Practice-led) (30 c) Yearlong	<i>Module aim:</i> To engage the student in practice as research, which is independently identified, co-ordinated and managed. To further develop and establish an artistic identity as a dance maker/performer/facilitator. To enable a student to deploy accurately established techniques of analysis and enquiry within a industrial context.	<i>Learning activities:</i> Practical workshops Seminars Presentation Lectures Tutorials Fieldwork Placement/practice	<i>Assessment:</i> Practical (50%) Dissertation (50%)

Drama

6020DRAMA	Drama at Work (20 c) Yearlong	<p><i>Module aim:</i> 1. To provide students with a variety of practical and administrative skills associated with a range of Drama workplaces to enhance and support their career aspirations.</p> <p>2. To increase students' understanding of a range of drama-related, vocational contexts.</p> <p>3. To help students enhance their skills in self-presentation and self-reflection in drama-related, vocational contexts.</p>	<p><i>Learning activities:</i> Lectures from tutors and industry professionals; planning meetings and rehearsals; site visit; tutorials.</p>	<p><i>Assessment:</i> Presentation - Group (30%) Website (70%)</p>
6025DRAMA	Researching Drama (40 c) Yearlong	<p><i>Module aim:</i> 1. To introduce students to methods of research and scholarly presentation.</p> <p>2. To enable students to present an extended written analysis of a topic of their choosing or to develop independent learning activity in drama through a process of practice as research</p>	<p><i>Learning activities:</i> Lectures, tutorials</p>	<p><i>Assessment:</i> Proposal and Lit Review (20%) Dissertation or Performance (80%)</p>

Education

6201EDSTUD	Dissertation (40 c) Yearlong	<i>Module aim:</i> To allow students to research a topic of their choice, which relates to their programme of study, using a range of data sources and appropriate research methods.	<i>Learning activities:</i> Student research will be supported through introductory lectures followed with workshops for group work and practical activities. Each student will be allocated a supervisor who will meet with them over the research period. Online materials will also be available to guide and support independent study.	<i>Assessment:</i> Poster (A1) (10%) Dissertation (90%)
6202ECS	Research within Early Childhood Studies (40 c) Yearlong	<i>Module aim:</i> To provide students with appropriate skills and understanding to initiate, design, conduct and report an early childhood studies research project that is either empirical based research or library-based research under appropriate supervision with a high degree of competence, and demonstrate a highly developed ability to recognise its theoretical, practical and methodological implications and limitations To be aware of the complexity of ethical principles and issues, and demonstrate this in relation to the study. To have a highly developed ability to recognise and challenge inequalities in society and to embrace an anti-bias approach and in doing so develop the ability to give voice to and where appropriate act as an advocate for babies, young children, families and communities.	<i>Learning activities:</i> A series of lectures, workshops and personal supervisor tutorials will be used to develop students' research skills and their engagement with the research process.	<i>Assessment:</i> Dissertation (100%)

Electrical/electronic engineering

4305ELE	Electrical Engineering Practice 1 (20 c) Yearlong	<i>Module aim:</i> To enhance knowledge and understanding of electrical and electronic circuits by completing a set of practical experiments. To gain experience in practical design of electronic circuits including prototyping and PCB design and manufacture. To develop professional practical skills to undertake experimental laboratory work, to test design ideas in laboratories or through simulation, to analyse and critically evaluate technical issues, and to present and document ideas and results. To develop the ability in data manipulation and sorting. To develop a personal development plan and understand the impact engineering has on the environment.	<i>Learning activities:</i> Laboratory experiments, tutorials, and residential field trip.	<i>Assessment:</i> Fieldwork and Lab Activities (50%) Personal Development (10%) Prototype Product (40%)
6175CSD	Final Year Project (40 c) Yearlong	<i>Module aim:</i> The project aims to provide a supervised but student led learning activity in a relevant area of engineering or technology. It aims to develop the academic, technical and organisational skills required to undertake a substantial individual engineering project from specification to conclusion.	<i>Learning activities:</i> The project will be supported by regular tutorials with a project supervisor and occasional seminars on topics relating to research methods, critical writing/thinking and presentation skills.	<i>Assessment:</i> Interim Report (20%) Final Report (50%) Presentation, Viva and Poster (30%)

6355ELE	Engineering Project (30 c) Yearlong	<i>Module aim:</i> The project aims to provide a supervised but student led learning activity in a relevant area of engineering or technology. It aims to develop the academic, technical and organisational skills required to undertake a substantial individual engineering project from specification to conclusion.	<i>Learning activities:</i> The project will be supported by regular tutorials with a project supervisor and occasional seminars on topics relating to research methods, critical writing/thinking and presentation skills.	<i>Assessment:</i> Interim Report (20%) Final Report (50%) Presentation, Viva and Poster (30%)
7316ELE	Group Project (40 c) Yearlong	<i>Module aim:</i> This module aims to build upon the Level 6 Electrical Engineering Design module, by providing an authentic design project in conjunction with an internal or external client group or company (typically a research group or local industry). It will require students to demonstrate substantial independent initiative, working with the client to develop and communicate a design specification and project plan. The participants will select appropriate engineering and design processes and techniques to solve the problem.	<i>Learning activities:</i> This module will be student centred and led, but will be supported by tutorial sessions with an academic advisor.	<i>Assessment:</i> Design Proposal & Project Plan (20%) Written & Oral Presentation (80%)

English literature

5119ENGL	English Work Experience (20 c) Yearlong	<i>Module aim:</i> This module will enable students to: 1. develop a range of professional and transferable skills relevant to the world of work. 2. critically and holistically reflect on their self-development and acquisition of skills and attributes through their experience of work in conjunction with their academic studies. 3. identify and articulate the relevance of their transferable and subject-related skills to the world of work.	<i>Learning activities:</i> Workshops; lectures; tutorials; work experience (Prescot Projects; Teaching; Self-Arranged Placements; use of information technology and social media (Social Media Skills).	<i>Assessment:</i> Portfolio (100%)
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6100ENGL	English Dissertation (20 c) Yearlong	<i>Module aim:</i> 1. To enable students to work independently, in depth and at length, on an appropriate English topic which falls within areas of expertise in the department. 2. To develop skills in the formulation of appropriate, viable and feasible research questions in relation to a body of material. 3. To produce a substantial piece of written work, with appropriate scholarly presentation and bibliography, addressing a research question, offering an argument and a conclusion.	<i>Learning activities:</i> Lectures, Workshops, Tutorials	<i>Assessment:</i> Proposal 1000 words (10%) Dissertation 7-8000 words (90%)
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6108ENGL	English Independent Study (20 c) Yearlong	<p><i>Module aim:</i> 1. To give students an opportunity to pursue their own intellectual interests at Level 6, or build on interests from previous levels;</p> <p>2. To give students experience in undertaking independent academic study, working in consultation with a tutor but on their own initiative and managing their own time;</p> <p>3. To promote key skills relating to Level 6 work: devising a feasible literary or interdisciplinary topic, with the possibility of a creative element; researching widely to produce a critically informed approach, and expressing a coherent position.</p>	<p><i>Learning activities:</i> Tutorials, independent study, field work (if applicable), online discussion.</p>	<p><i>Assessment:</i> Portfolio 4500 words (100%)</p>
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Film studies

6035FILM	Dissertation (30 c) Yearlong	<p><i>Module aim:</i> 1. To extend research and conceptual skills developed in the programme and through taught modules.</p> <p>2. To provide students with the opportunity to research in depth a specific research topic of their own devising.</p> <p>3. To foster initiative and independence of thought in the application and critique of quantitative, qualitative, historical or analytical concepts and methods in Film studies.</p>	<p><i>Learning activities:</i> Tutorials, Lectures, Seminars.</p>	<p><i>Assessment:</i> Dissertation (100%)</p>
6036FILM	Mixed Media Research Project (30 c) Yearlong	<p><i>Module aim:</i> 1. To extend research, practical and conceptual skills developed in taught modules</p> <p>2. To provide students with the opportunity to research in depth on a specific topic of their own devising</p> <p>3. To provide students with an opportunity to explore the relationship between theory and practice</p>	<p><i>Learning activities:</i> Lectures, Seminars, screenings and practical workshops.</p>	<p><i>Assessment:</i> Mixed Media Research Project (100%)</p>

Forensic science

6313NATSCI	RESEARCH PROJECT - FORENSIC ANTHROPOLOGY (40 c) Yearlong	<i>Module aim:</i> To provide the student with the experience of investigating a research topic in an appropriate manner under the guidance of an academic tutor.	<i>Learning activities:</i> Appropriate titles will be determined by discussion between the module leader, individual tutors and students. Projects may take a variety of forms ranging from a laboratory or field-based investigation through to a critical evaluation of published material (such reports must contain evidence of novel analysis of available information). All research must be carried out in a safe and ethical manner, and students will be required to produce risk assessments and/or seek ethical approval as appropriate. A substantial written report and poster presentation are produced.	<i>Assessment:</i> Project Rationale (20%) Project report (60%) Poster (20%)
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Geography

7118NATSCI	<p>OVERSEAS FIELD EXPERIENCE (20 c) Yearlong</p>	<p><i>Module aim:</i> To acquire and analyse drone data related to an environmental science topic in an overseas field setting.</p>	<p><i>Learning activities:</i> On-the-ground field activities including field-based experiential learning, field observation and environmental data collection techniques (beyond drone data). Discussion and reflection and self-guided reading. Lecture, practical and workshop sessions in the UK are employed to introduce the field trip and the drone project assessment and support the completion of projects. Lecture, seminar and workshop sessions in the field are employed to develop learning and support data capture and processing.</p>	<p><i>Assessment:</i> Project proposal report (35%) Field study report (65%)</p>
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Graphic design

<p>6101GD</p>	<p>Graphic Arts Research Project (40 c) Yearlong</p>	<p><i>Module aim:</i> 1. To offer students the opportunity to undertake sustained self-directed research of a chosen subject with reference to their own interests and future aspirations. 2. To examine the role of writing and research within the students' practice. 3. To encourage and support independent research using a variety of research methods. 4. To explore and propose various modes of articulating and presenting research within written and visual forms.</p>	<p><i>Learning activities:</i> 1. This is a research based module supported by a programme of individual tutorials, group seminars and contextual lectures. 2. Students are assigned a supervising tutor and engage in a negotiated self-directed research project. 3. The development and production of the project will be largely self-directed but supported by regular personal tutorials, practical advice from key academic staff and practical workshop assistance where appropriate. 4. Most of the delivery for the written component takes place in semester 1. 5. Delivery for the practical component takes place in semester 2. 6. A formative project proposal assignment at the end of component 1 will be used to evaluate students' ideas for a practice based outcome and prepare them for component 2. 7. Assessment for this module is: 60% 6000-8000 word essay, articles or script and supporting references, appendices and images; 40% Artefact exhibition including a project proposal. 8. Written feedback is given in response to a final draft submission of the written component. 9. Formative verbal feedback is given in response to the presentation of proposal for the practical component via tutorial. 10. On-going informal feedback will be available via tutorial and seminar.</p>	<p><i>Assessment:</i> Dissertation (60%) Artefact (40%)</p>
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7006MAGDI	<p>Studio Practice (Graphic Design & Illustration) (30 c) Yearlong</p>	<p><i>Module aim:</i> To help students develop and challenge their practice and locate it within contemporary graphic design and Illustration practice. Enable students to undertake self initiated and/or set projects that demonstrate a high level of engagement with technical processes and production methods. To provide students with an opportunity to present work which demonstrates and enhances their practice.</p>	<p><i>Learning activities:</i> Students will be required to undertake self-directed and/or set projects. Studio based tutorials, workshops and group crits will support the development and production of these projects.</p>	<p><i>Assessment:</i> Presentation (30%) Portfolio (70%)</p>
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Health and social care

6100HSCIFC	Dissertation (40 c) Yearlong	<i>Module aim:</i> To give students the opportunity to plan, manage and report personal research in health and social care	<i>Learning activities:</i> Learning activities will focus on one to one supervision. Additional support will include lectures and research workshops.	<i>Assessment:</i> Dissertation (100%)
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History

6100HIST	Dissertation (40 c) Yearlong	<p><i>Module aim:</i> 1. To develop the student's ability to identify a relevant historical topic and formulate a research proposal designed to explore aspects of that topic to a high level.</p> <p>2. To develop the ability of students to analyse and interpret primary and secondary historical sources in pursuit of a self-defined problem.</p> <p>3. To develop students' ability to marshal evidence for a sustained argument and present that argument with clarity, fluency and coherence according to the tenets of historical scholarship.</p>	<p><i>Learning activities:</i> Lectures, Seminars, Conference, Tutorials.</p>	<p><i>Assessment:</i> Review, 2000 Words (20%) Dissertation, 8000 Words (80%)</p>
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Journalism

4030JOURN	Introduction to Professional Practice (40 c) Yearlong	<i>Module aim:</i> 1. Identify a news story and produce a well-structured report 2. Produce accurate reports for print and media outlets. 3. Demonstrate an awareness of the importance of accuracy and language skills. 4. Demonstrate a knowledge of broadcast journalism skills. 5. Acquire an understanding of Teeline Shorthand grammar	<i>Learning activities:</i> Lectures, Seminars and Workshops	<i>Assessment:</i> Portfolio - Print (35%) Portfolio - Broadcast (35%) Test - Shorthand (30%)
4031JOURN	Professional Practice for International Journalists (40 c) Yearlong	<i>Module aim:</i> 1. Identify a news story and produce a well-structured report. 2. Produce accurate reports for print and media outlets. 3. Demonstrate an awareness of the importance of accuracy and language skills. 4. Demonstrate a knowledge of broadcast journalism skills. 5. Demonstrate an awareness of the broader context and specific characteristics of international news reporting. 6. Demonstrate a knowledge and understanding of reporting on a global stage.	<i>Learning activities:</i> Lectures, Seminars and Workshops	<i>Assessment:</i> Portfolio - Print (35%) Portfolio - Broadcast (35%) Portfolio - Articles (30%)

4038JOURN	Professional Practice for Sports Journalists (40 c) Yearlong	<i>Module aim:</i> 1. Identify a news story and produce a well-structured report. 2. Produce accurate reports for print and media outlets. 3. Demonstrate an awareness of the importance of accuracy and language skills. 4. Demonstrate a knowledge of broadcast journalism skills. 5. Acquire an understanding of Sports Reporting.	<i>Learning activities:</i> Lectures, Seminars and Workshops.	<i>Assessment:</i> Portfolio of Print Work (35%) Sports Report (30%) Portfolio of Broadcast Work (35%)
6030JOURN	Advanced Journalism Practice (40 c) Yearlong	<i>Module aim:</i> 1. Students will synthesise their skills of writing, reporting and production to produce journalism artefacts both in groups and individually that match or approach professional standards. 2. They will build on previous multi-media practice working in a converged newsroom environment to develop their creativity and ability to work within a team 3. They will produce an advanced journalism project to approach or match professional standards.	<i>Learning activities:</i> Lectures, workshops and real time learning simulation.	<i>Assessment:</i> Portfolio (50%) Artefact (40%) Presentation (10%)
6031JOURN	Dissertation (40 c) Yearlong	<i>Module aim:</i> To evaluate a key journalistic issue, focusing on a specific area for investigation To critically analyse the existing literature in the field To evaluate academic research methods To collect and evaluate research data, analysing its relationship to the existing data and contribution to the field	<i>Learning activities:</i> Lectures and seminars and directed independent learning	<i>Assessment:</i> Presentation (20%) Dissertation (80%)

6032JOURN	Journalism Issues Project (40 c) Yearlong	<i>Module aim:</i> 1. An understanding of the historical context of today's journalism issues 2. Develop ability for independent study 3. Evaluate arguments and perspectives	<i>Learning activities:</i> Lectures and seminars and directed independent learning	<i>Assessment:</i> Presentation (30%) Project (70%)
6033JOURN	Global Issues Project (40 c) Yearlong	<i>Module aim:</i> 1. To expand students' understanding of the changing global environment within which major international news arises. 2. To develop students' ability for evaluating contending perspectives and arguments relating to global economic and security issues. 3. To develop students' ability to produce an independent academic research project.	<i>Learning activities:</i> Lectures, seminars and directed independent learning.	<i>Assessment:</i> Report (30%) Research Project (70%)
6034JOURN	Sports Journalism (20 c) Yearlong	<i>Module aim:</i> To build on and develop students' previous writing skills to produce and present sports news content while introducing them to the professional functions of a sports journalist. To enhance their understanding of the sports industry as a global phenomenon.	<i>Learning activities:</i> Workshops and real-time learning simulations, live match reporting exercise on location.	<i>Assessment:</i> Portfolio (60%) Essay (20%) Class Test (20%)
6035JOURN	Public Relations for Journalists (20 c) Yearlong	<i>Module aim:</i> To synthesise the journalistic skills acquired at previous levels and apply them to the practice of public relations and develop the ability to analyse, in a critical way, the tensions which exist between PR and journalism.	<i>Learning activities:</i> Lectures, followed by workshops to experience the practical aspects of PR, e.g. writing press releases, running press conferences, anticipating journalists' questions, planning campaigns. Workshops will also look at targeting individual media outlets and will examine lobbying. The module will include visiting speakers from the industry as well as possible visits to PR outlets.	<i>Assessment:</i> Presentation (50%) Portfolio (50%)

6036JOURN	Specialist Journalism (20 c) Yearlong	<p><i>Module aim:</i> 1. A critical understanding of specialist writing and its importance in all forms of journalism</p> <p>2. Develop and write original and thoroughly researched material.</p> <p>2. Take cognisance of the practical, legal and ethical constraints inherent in the process of researching and writing on a particular topic or theme.</p> <p>3. Acquire a comprehensive understanding of the impact of audience, medium, market, available sources and other constraints on journalistic processes.</p> <p>4. Utilise a sound capacity for critical examination in the analysis and synthesis of issues relating to journalism practice</p>	<p><i>Learning activities:</i> Lectures and seminars.</p>	<p><i>Assessment:</i> Essay - 1200 words (30%) Portfolio (70%)</p>
6037JOURN	Journalism Careers (20 c) Yearlong	<p><i>Module aim:</i> To prepare students for the world of work as a journalist in staff and freelance employment, including a work placement.</p>	<p><i>Learning activities:</i> Lectures, workshops and placement.</p>	<p><i>Assessment:</i> Portfolio (70%) Essay (30%)</p>

Law

6102LAWLR	Legal History Dissertation (40 c) Yearlong	<i>Module aim:</i> To enable students to develop further the skills of legal research, analysis and presentation by undertaking a piece of independent legal research which will result in a dissertation of 10,000 words.	<i>Learning activities:</i> Negotiation and agreement by students of the intended essay topic. Independent planning, researching and production of that essay topic.	<i>Assessment:</i> 10,000 words dissertation (100%)
6115LAWFL	Dissertation (40 c) Yearlong	<i>Module aim:</i> To develop the ability of students to analyse and interpret a complex body of legal knowledge in a coherent manner and to present high order legal research and writing skills.	<i>Learning activities:</i> 1 introductory session in October with the module leader on research planning and methodology. 1 Session with the module leader on dissertation writing in January. Approximately 8 Meetings with supervisor throughout the year.	<i>Assessment:</i> 10,000 words dissertation (100%)

Management

6003BPR	Business & Public Relations Dissertation (30 c) Yearlong	<i>Module aim:</i> To allow students to demonstrate their ability to select a valid business and public relations topic, to collect and synthesize relevant information on the topic, to adopt a critical attitude to the information retrieved, and to present the information in a professional manner.	<i>Learning activities:</i> Group seminars and individual tutorials	<i>Assessment:</i> Individual dissertation (100%)
6302BUSBS	BUSINESS STUDIES PROJECT (40 c) Yearlong	<i>Module aim:</i> To enable students to research a business problem or issue within an academic context.	<i>Learning activities:</i> Lectures covering generic issues: the proposal (covered in detail at level 5 in the Research methods module), use of SPSS, the project write up. Individual meetings with tutors providing guidance on the management of the research and production of the project.	<i>Assessment:</i> Dissertation (70%) Report (10%) Essay (20%)
7353BUSME	Understanding Organisations and The Insider Researcher (20 c) Yearlong	<i>Module aim:</i> To enable students to experience the challenges and opportunities involved in undertaking insider research and in doing so to develop as reflexive scholarly- practitioners.	<i>Learning activities:</i> Workshop to include tutor input, student presentations, critiquing of application of theory to practice, critical reflection and reflective and reflexive practice.	<i>Assessment:</i> Report (80%) Portfolio (20%)

Maritime

4102MAR	Skills Development (20 c) Yearlong	<i>Module aim:</i> To provide the student with the broad range of study skills required at undergraduate level	<i>Learning activities:</i> Integrated series of formal lectures and tutorials	<i>Assessment:</i> Portfolio (50%) Report (40%) Self Awareness Statement (10%)
6102MAR	Project (40 c) Yearlong	<i>Module aim:</i> To allow students to develop their knowledge, skills and general expertise in relation to a technical, operational, management, business or policy topic related to their programme of study. To provide students with the opportunity to demonstrate their ability to learn and develop their skills independently.	<i>Learning activities:</i> Primarily self-directed by student, but with the support of an allocated supervisor. A series of briefing sessions and workshops will also be held during the year.	<i>Assessment:</i> Seminar (10%) Viva (10%) Dissertation 10000 words (80%)

Marketing

6035BUSMK	Marketing Dissertation (40 c) Yearlong	<i>Module aim:</i> To enable students to produce a structured, analytical, and in-depth review of a current marketing issue using a range of appropriate and authoritative secondary sources.	<i>Learning activities:</i> There will be lecture input covering the process of undertaking the dissertation, dissertation structure, and referencing. Individual meetings with project supervisors will provide guidance on the management of the project.	<i>Assessment:</i> 10,000 word dissertation (100%)
6036BUSMK	Marketing Project (40 c) Yearlong	<i>Module aim:</i> To enable students to define and undertake research into a specific marketing problem or issue within an academic context.	<i>Learning activities:</i> Individual meetings with project supervisors will provide guidance on the management of the project.	<i>Assessment:</i> 10,000 word Research Project (100%)
6039BUSMK	Marketing Consultancy Active Learning Project (40 c) Yearlong	<i>Module aim:</i> To enable students to undertake a work based marketing consultancy project during the final year. This activity will allow the student to put into practice the skills and knowledge gained.	<i>Learning activities:</i> 3 x 2 hour tutorials on the role of consultancy. Supervision during the project. A limited number of marketing consultancy projects will be offered each year. The students will bid for their desired project(s), successful candidates will be selected by a board of academics and practitioners. The student will undertake the project within a 3 month period and present findings and recommendations to the organisation and provide a report. A reflection report will be undertaken by the student	<i>Assessment:</i> 1,500 word Reflection (20%) 5000 word Consultancy Report (50%) 20 minute Presentation (30%)

7024DMKT	Digital Marketing Campaign Management (20 c) Yearlong	<i>Module aim:</i> To implement and assess a digital marketing campaign on live case study within a group	<i>Learning activities:</i> Lectures Workshops Case study analysis Class discussion Group activity and planning Group and individual assessment of activity	<i>Assessment:</i> Digital Marketing Campaign (85%) Reflection (15%)
7025DMKT	Research Methods for Digital Marketing (20 c) Yearlong	<i>Module aim:</i> To provide a framework from which research philosophies, strategies and methods associated with research within business and marketing can be critically examined. To develop a deeper understanding of research competencies with specific reference to Digital Marketing and the data collection methods that can be utilised.	<i>Learning activities:</i> Lectures Workshops with practical and interactive participation Discussion of current techniques Case Studies	<i>Assessment:</i> Individual Research Report (100%)

Maths

6100MATHS	PROJECT (40 c) Yearlong	<p><i>Module aim:</i> To develop and widen the student's experience of tackling a substantial realistic problem selected from the domain of their programme by carrying out independent, yet supervised, research. To extend the students ability to communicate the solution to a significant problem.</p>	<p><i>Learning activities:</i> Introductory lectures are provided to guide students on how to carry out a substantial research project. These are on Project Specification, Research Methods, Project Structure, Literature Review, Data Analysis and Plagiarism. Students will attend weekly guidance sessions in the form of seminars which will cover project progress, research carried out, discussions regarding direction of research, project planning and management and report writing.</p>	<p><i>Assessment:</i> Powerpoint Presentation (10%) Poster Presentation (10%) Project Report (80%)</p>
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Media and cultural studies

6100MEDCUL	Dissertation (40 c) Yearlong	<i>Module aim:</i> 1. To facilitate students to engage critically with key theoretical, conceptual and methodological issues in the construction of a self-directed project. 2. To formulate a research plan and gather, synthesize and make use of relevant literature.	<i>Learning activities:</i> Tutorials, Group Workshops, Private Study.	<i>Assessment:</i> Presentation, Report, Viva (15%) 8000 words Dissertation (85%)
6101MEDCUL	Media and Cultural Industries (30 c) Yearlong	<i>Module aim:</i> 1. To enable students to develop transferable skills relevant to the world of work. 2. To foster initiative through an evaluative approach to the assessment of work experience or career planning in the context of academic study. 3. To produce a sustained and evidenced piece of critical reflection.	<i>Learning activities:</i> Lectures, Seminars, Workshops. practical (work placement), private study.	<i>Assessment:</i> Presentation (25%) Portfolio, 4000 Words (75%)
6102MEDCUL	Qualitative Research Project (30 c) Yearlong	<i>Module aim:</i> 1. To differentiate and assess the suitability of research methods, planning and development of research design. 2. To gain experience of the planning and implementation of original fieldwork, utilizing qualitative methods. 3. To develop analytical skills for examining primary qualitative research.	<i>Learning activities:</i> Lectures, Seminars, Workshops, field trips.	<i>Assessment:</i> 2000 words research proposal (30%) 5000 words research report (70%)

6111MEDCUL	English and Media & Cultural Studies Dissertation (40 c) Yearlong	<i>Module aim:</i> 1. To facilitate students to engage critically with key theoretical, conceptual and methodological issues in the construction of a self-directed project. 2. To formulate a research plan and gather, synthesize and make use of relevant literature.	<i>Learning activities:</i> Tutorials, group workshops and private study.	<i>Assessment:</i> Report (15%) Dissertation (85%)
6112MEDCUL	MCS Research Project (40 c) Yearlong	<i>Module aim:</i> 1. To differentiate and assess the suitability of research methods, planning and development of research design. 2. To gain experience of the planning and implementation of original fieldwork utilising qualitative methods. 3. Apply analytical skills to original qualitative data.	<i>Learning activities:</i> Lectures, Seminars, Workshops and Field Trips.	<i>Assessment:</i> 3000 words proposal (30%) 5000 words report (70%)
6113MEDCUL	Media, Cultural & Creative Industries Project (40 c) Yearlong	<i>Module aim:</i> 1. To enable students to develop transferable skills relevant to the world of work. 2. To foster initiative through an evaluative approach to the assessment of work experience or career planning in the context of academic study. 3. To produce a sustained and evidenced piece of critical reflection.	<i>Learning activities:</i> Lectures, Seminars, Workshops, Practical (work placement), Private Study.	<i>Assessment:</i> Report 1000 Words (10%) Portfolio 4000 Words (70%) Presentation, 10 Mins (20%)
7001MC	Theories Concepts & Debates in Mass Communications (30 c) Yearlong	<i>Module aim:</i> To develop a comprehensive understanding of key theoretical frameworks relevant to Mass Communications To enable students to establish a critical awareness of existing debates in the field of Mass Communications To ensure that students are able to apply and appraise concepts employed in the study of Mass Communications	<i>Learning activities:</i> Lectures, seminars, tutorials, use of the VLE and a practical session focussed on the production of the wiki for the first assignment.	<i>Assessment:</i> 20% production of wiki (20%) 4000 word essay (80%)

7002MC	<p>Mass Communication: Research Methods (30 c) Yearlong</p>	<p><i>Module aim:</i> To critically evaluate current research and advanced scholarship in Mass Communications To encourage students to discriminate between established techniques of research which are used to create and interpret knowledge in Mass Communications To evaluate methodologies and critique them in order to propose new hypotheses To support the development of the dissertation research proposal and the development of students' individual projects</p>	<p><i>Learning activities:</i> Lectures, seminars, use of the VLE and practical workshops.</p>	<p><i>Assessment:</i> PRESENTATION ASSIGNED SUBJECT (25%) 4000 WORD ESSAY SET TITLE (50%) PRESENTATION DEFINED SUBJECT (25%)</p>
7003MC	<p>Digital Cultures (30 c) Yearlong</p>	<p><i>Module aim:</i> To contextualise the evolution of new media and its perceived social purpose Critically assess how popular cultural practices are informed by changes in the commercial use of new media Evaluate current research in digital culture</p>	<p><i>Learning activities:</i> Lectures, seminars, tutorials and use of the VLE.</p>	<p><i>Assessment:</i> Critical review (20%) Annotated bibliography (20%) Essay (60%)</p>

7004MC	New Media: Policy and Practice (30 c) Yearlong	<p><i>Module aim:</i> To consolidate students' evaluation of Mass Communications research across different forms of communication and media industries</p> <p>To explore public debates about the role of the media in a contemporary global context</p> <p>To consider existing and proposed media policy and professional practice especially with regard to computer mediated communication</p> <p>To enable students to critically reflect on the role that policy and regulation plays in the ethical decision making processes of media practices</p> <p>To critique the production of professional digital communication forms</p>	<p><i>Learning activities:</i> Lectures, seminars, use of the VLE and practical workshops.</p>	<p><i>Assessment:</i> 1000 word response (20%) 2500 word essay (30%) 4000 word portfolio (50%)</p>
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Media production

6012MEDIA	Production Project (40 c) Yearlong	<p><i>Module aim:</i> To provide a concentrated opportunity to contribute to the origination, research, development and production of a media artefact as a culmination of the student's degree experience</p> <p>To provide an opportunity for students to produce work that reflects their skills and positions them in the job market, providing them with valuable practical experience and a portfolio piece of work.</p>	<p><i>Learning activities:</i> The module commences with an initial period of seminars outlining the module's parameters and the opportunities leading to the proposal of projects. Workshops will guide the ideas generation process and seminars will discuss issues such as production planning and risk assessment. Once projects have been approved by staff, students will work independently with tutorial support and guidance.</p>	<p><i>Assessment:</i> Presentation (20%) Artefact (80%)</p>
6018MEDIA	Media Business Report (20 c) Yearlong	<p><i>Module aim:</i> To develop students understanding of media organisations.</p> <p>To develop space in the curriculum for students to develop their own interests which can help focus preparation for employment.</p>	<p><i>Learning activities:</i> Application and negotiation of access to interview key employers/managers in a professional media organisation for research purposes. Independent study of a media organisation.</p> <p>Written case study in which to evaluate operations and business model of a media organisation with tutorial support.</p>	<p><i>Assessment:</i> Essay (4000 words) (90%) Reflection -Gold World of Work (10%)</p>

Nutrition

4101SSLN	Advanced Learning Skills (20 c) Yearlong	<i>Module aim:</i> To develop students as independent and reflective learners; able to take responsibility for their own performance, learning and actions within the context of their future profession. To enable students to develop a broad range of effective academic skills.	<i>Learning activities:</i> Activities will be student centred and facilitate group and individual work, through tutorials and seminars. Material from other modules in the programme will form the basis of some of the activities where students will reflect on feedback from peers and tutors. Support for Personal Development Planning will be Built environment into the module encouraging self-evaluation and personal action planning. The module will contribute to the World of Work.	<i>Assessment:</i> Portfolio (90%) Self Awareness Statement (10%)
6100SSLN	Research Project (40 c) Yearlong	<i>Module aim:</i> To rigorously investigate an issue relevant to the programme of study	<i>Learning activities:</i> Many of the elements of this module will be explored in Lectures, Seminars and ICT software demonstrations. Students will be offered individual consultations and tutorials.	<i>Assessment:</i> Dissertation (85%) Presentation (15%)

6102SSLN	Work Related Learning (20 c) Yearlong	<i>Module aim:</i> This module aims to provide students with an opportunity to gain insight and to experience selected areas of food development and nutrition from a work related learning perspective; to develop the process of making links between placement experiences and theoretical studies; to develop and practice world of work skills to increase self-awareness and employability in an area relevant to their future career choices.	<i>Learning activities:</i> The majority of this module is spent out on placement. Students will be placed with an agency where they will be required to understand the working of the agency .Students will be required to work independently and as part of a team, managing time and setting their own objectives. Lectures and seminars will help to develop high level graduate skills. Guest speakers from various industries will support the theory.	<i>Assessment:</i> Report (20%) Presentation (80%)
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Pharmaceutical science

6000PHASCI	RESEARCH METHODS AND PROJECT (40 c) Yearlong	<i>Module aim:</i> The aim of the module is to enable students to plan, execute and report results of a research project in the area of pharmaceutical sciences, using a range of appropriate resources and methodology.	<i>Learning activities:</i> Students will undertake a series of lectures, workshops and tutorials to help prepare for and execute their final year projects. The majority of time for this module will be devoted to the practical work undertaken for the final year research project. Students will present their research in a final seminar session.	<i>Assessment:</i> Project Report (65%) Portfolio (35%)
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Pharmacy

<p>4000IMPHAR</p>	<p>INTEGRATED FOUNDATIONS OF PHARMACY (120 c) Yearlong</p>	<p><i>Module aim:</i> To develop an understanding of the fundamentals of the science and practice of pharmacy and its integrative nature</p>	<p><i>Learning activities:</i> Lectures: providing background to topic, highlighting the complementary and integrative nature of the different disciplines of pharmacy Tutorials: sessions delivered in small groups to support development of various skills and offer pastoral care Dispensing practical class: building up to a level of competency in safely and legally dispensing POM Workshops: various in content aligned to the material delivered in lectures Formative online and in class tests: to assess students understanding and progress through material Inter-professional Learning: nurse conference and health carer interview Placements and Patient interview: Provide opportunity for students to experience workplace and interact with patients Integrated Learning Days</p>	<p><i>Assessment:</i> Open book exam (20%) C1 calculations (0%) Career self awareness (2%) Diagnostic tool essay (15%) Painkillers report (20%) Patient information leaflet (10%) Presentation formulations (8%) Healthy living poster (5%) Closed book exam (20%) C6 Portfolio (incl</p>
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5000IMPHAR	<p>MEDICINES, PATIENTS AND THE PHARMACIST (120 c) Yearlong</p>	<p><i>Module aim:</i> Understand the principles of developing and delivering quality medicines for the prevention or treatment of disease and demonstrate the application of science in practice to ensure patient safety.</p>	<p><i>Learning activities:</i> Lectures to cover core material. Clinical and lab-based practical sessions. Workshops in smaller groups to support learning activities from lectures and practical classes. Online exercises, pre-reading and formative assessments to support learning activities. Inter-professional learning activities with sports science and medical students. Placements in community and hospital pharmacy settings. Team-based learning - professional development days where students work in small groups to explore particular case studies and feed back to other teams. Tutorial sessions with personal tutor to support learning and development. Integrated Learning Days</p>	<p><i>Assessment:</i> Open book exam (20%) Closed book exam (20%) Clinical guideline (15%) Medicines report (15%) Presentation (5%) Patient-centred case study (20%) Poster (5%) C1 calculations (0%) C2 pharmacy law (0%) C3 dispensing practical (0%) C4 OSCE (0%) C5 OSLA (0%) C6</p>
6000IMPHAR	<p>COMPLEXITIES OF HEALTHCARE (120 c) Yearlong</p>	<p><i>Module aim:</i> To enable students to critically review and consolidate clinical evidence and patient specific information to optimise care</p>	<p><i>Learning activities:</i> Lectures Tutorials Practicals Workshops Placements Interprofessional learning Patient Engagement Integrated Learning Days Self-Directed Learning Simulation</p>	<p><i>Assessment:</i> Open book exam (20%) Closed book exam (20%) Problem based learning (20%) Medicines Evaluation Report (15%) Lab report (10%) Infographic Poster (10%) Formulary dev. presentation (5%) C1 OSCE (0%) C2 OSLA (0%) C3 Pharmacy law (0%) C4 dispensing (0%) C5 nume</p>

7000IMPHAR	<p>ADVANCING PATIENT- CENTRED CARE (120 c) Yearlong</p>	<p><i>Module aim:</i> To prepare each student at an advanced level for the multidisciplinary role of a pharmacist as a clinician, a public health worker, an educator, a scientist, a medicines safeguard, and overall a professional.</p>	<p><i>Learning activities:</i> Lectures Workshops Tutorials Placements Practicals Blended-learning Self-directed independent study Integrated Learning Days Simulation Patient and Public engagement</p>	<p><i>Assessment:</i> Pharmaceutical care plan (5%) Patient centred learning (25%) C1 clinical skills OSCE (0%) C2 pharmacy practice OSCE (0%) C3 calculations (0%) C4 Portfolio & PDP (0%) Closed book exam (20%) Open book exam (20%) Research project report (20%) Research poster</p>
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Policing

<p>4111PS</p>	<p>Policing Studies – Skills for Success (20 c) Yearlong</p>	<p><i>Module aim:</i> 1. Develop students' academic skills in writing and critical analysis. 2. Develop students' awareness of sources of information and presenting information using a variety of media. 3. Develop team working skills. 4. Give students an understanding of the workings of the court system of England and Wales.</p>	<p><i>Learning activities:</i> The module will utilise blended learning, which will combine e-learning with more traditional teaching strategies. In addition students will be encouraged to monitor their own learning on this module . Workshops and online learning materials will be used to provide an overview of each topic. The lectures will be delivered by the module team and on occasion, guest speakers from different relevant professional backgrounds, with particular expertise in aspects of the curriculum. Workshops will be used as a space for students to explore and discuss issues in small groups and for tutors to identify individual learning needs of students. Students will develop an understanding of the court system of England and Wales.</p>	<p><i>Assessment:</i> 2000 word portfolio (50%) Group Presentation 10 mins (40%) Self Awareness Statement (10%)</p>
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<p>6100PS</p>	<p>Research Project (40 c) Yearlong</p>	<p><i>Module aim:</i> 1. Through negotiated work related learning the module aims to develop students practice within a field of their choice and allows them to critically explore the range of regulatory processes, professional values and ethics which inform that practice 2. Enable students to develop a detailed knowledge of their identified field and through this knowledge build a critical understanding of relevant policy and procedural guidance as it is applied in practice 3. Enable students to challenge practices through insightful deliberation about current agendas</p>	<p><i>Learning activities:</i> An induction session will be supported by a personal tutor and students will be allocated to a group for support. Students will be expected to engage in self-directed learning to develop their knowledge of the field. The module will adopt a reflective approach to the subject matter providing the tools required to develop student learning. It will combine traditional teaching strategies with practical application. As well as the above there will be workshops supported by online learning materials and forums which will be used to promote small group discussions in which students and the lecturer can discuss information on a chosen issue. They provide an opportunity to explore topics by discussion, and to identify opportunities to share experiences, solve problems as well as to learn and practice new skills. Students will be encouraged to monitor their own learning in this module through their Personal Development Plans and a Reflective Log.</p>	<p><i>Assessment:</i> 8000 word report (80%) Research Poster (20%)</p>
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Product design

6163PDE	Major Project (40 c) Yearlong	<i>Module aim:</i> Provide an opportunity to complete a substantial piece of design work in a supervised environment that is particular interest to the student. Students will be expected to demonstrate the application of knowledge and skill gained throughout the duration of their programme.	<i>Learning activities:</i> This module is primarily an opportunity for students to undertake a significant piece of self-directed design work prior to graduation. It is a supervised project and so the self-directed element of the module will be supported by frequent workshop sessions with an officially appointed supervisor. In order to support all students a series of seminars will be run throughout the academic year.	<i>Assessment:</i> Posters and Process Book (30%) Viva (20%) Final Display Model (50%)
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Psychology

4201PSYSCI	STUDYING PSYCHOLOGY (20 c) Yearlong	<p><i>Module aim:</i> 1. To equip students with selected academic skills necessary for successful engagement with the Psychology degree programme.</p> <p>2. To train students to think critically about key issues in Psychology.</p> <p>3. To provide opportunities through experiential learning for students to gain an understanding of the practice of psychological research, and ethical matters that arise from such practice.</p>	<p><i>Learning activities:</i> Tutorials Lectures Participating in Psychology research studies</p>	<p><i>Assessment:</i> Oral Presentation (40%) Written Portfolio (50%) Self Awareness Statement (10%)</p>
6200PSYSCI	PSYCHOLOGY DISSERTATION (40 c) Yearlong	<p><i>Module aim:</i> This module aims to allow students to develop and independently apply their empirical research skills in their chosen area of psychology. They will explore, in depth, recent and relevant literature in their chosen field and use it to guide the design of a methodologically appropriate study to address a specific research question. They will independently analyse, report and critically evaluate their data using scientific language and conventions.</p>	<p><i>Learning activities:</i> Attend lectures Meet regularly with supervisor Conduct a literature search Draw up a research plan with a realistic time scale. Conduct and write-up research project. Complete application for ethical approval of dissertation work and submit it to a recognised research ethics committee or panel.</p>	<p><i>Assessment:</i> Dissertation (85%) Proposal (15%)</p>

7004POPSY	<p>MEDITATION AND MINDFULNESS (20 c) Yearlong</p>	<p><i>Module aim:</i> This is a practice focused, experiential module that aims to familiarise students with strength-based meditation and mindfulness practice. It encourages the regular engagement with mindfulness meditation practice, supports the self-reflection of the development process and provides an overview of different mindfulness-based approaches.</p>	<p><i>Learning activities:</i> - Mindfulness meditation practice during the workshops and as home practice - engaging in reading of theoretical work and practice manuals - attending lectures and workshops - engaging in group discussions - practising the explanation of meditation practice - practising to guide meditation practice - journaling of meditation practice and associated reflection</p>	<p><i>Assessment:</i> Essay (30%) Guiding Mindfulness (30%) Reflection on Practice (40%)</p>
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Public health

6000ENVCPH	Dissertation (40 c) Yearlong	<i>Module aim:</i> This module aims to engage students in student-negotiated academic activity, requiring creativity, self-motivation and the ability to draw on the knowledge and skills developed in other modules.	<i>Learning activities:</i> Dissertation workshops, lectures, seminars, drop-ins Minimum 10 hours supervision	<i>Assessment:</i> 10,000 word dissertation (100%)
6000PUBHEA	Dissertation (40 c) Yearlong	<i>Module aim:</i> This module aims to engage students in student-negotiated academic activity, requiring creativity, self-motivation and the ability to draw on the knowledge and skills developed in other modules.	<i>Learning activities:</i> Dissertation workshops, lectures, seminars, drop-ins Minimum 10 hours supervision	<i>Assessment:</i> Dissertation (100%)
7012PUBHEA	Work Related Learning (20 c) Yearlong	<i>Module aim:</i> To enable participants through their/a working environment to develop public health knowledge and skills pertinent to that setting.	<i>Learning activities:</i> Lectures. Small group work. Tutorials with academic mentor. Facilitated Action Learning Sets. Discussions with work based 'critical friends'. Online discussion. Presentations.	<i>Assessment:</i> Poster presentation (60%) Reflective Essay (40%)

Sociology

6100SOC	Dissertation in Sociology (40 c) Yearlong	<p><i>Module aim:</i> 1. To study a topic of students' particular interest through self-directed study under the guidance of a supervisor.</p> <p>2. To use the research skills and concepts introduced in years one and two to conduct an independent, longitudinal research project and to present it in an appropriate style.</p> <p>3. To analyse and interpret a body of knowledge in a manner conforming to the standards of research and scholarship in sociology.</p>	<i>Learning activities:</i> Group seminars, individual supervision meetings.	<i>Assessment:</i> Dissertation (100%)
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Sport science

6100SPOSCI	MAJOR PROJECT (40 c) Yearlong	<i>Module aim:</i> This module aims to critically extend the students understanding and deployment of the research process through the production of a piece of mono/interdisciplinary research.	<i>Learning activities:</i> Students should meet regularly with their designated major project supervisor to engage tutorial support. Students should also attend organized research methods seminars and practical demonstrations that are relevant to their chosen project.	<i>Assessment:</i> Literature Review (20%) Research Process mark (10%) Dissertation (70%)
6110SPFOOT	FOOTBALL SCIENCE PROJECT (40 c) Yearlong	<i>Module aim:</i> The module aims to develop students' ability to plan, prepare, initiate and reflect upon the production of a football science project. The module will address topics such as legal requirements, health and safety, safeguarding, planning and preparing data collection, collection of data, communication of relevant scientific data to specialist and non-specialist audiences, and the process of reflection and its value in personal and professional development.	<i>Learning activities:</i> Students are expected to attend the time-tabled lecture and are encouraged to utilise the available directed learning / private study time to get advice from university placement tutor/placement provider and/or conduct essential reading. Within the supervision sessions students will be required to use their reflective, analytical and problem-solving skills to enhance their own learning. Students should complete required and recommended reading to widen their knowledge and understanding and their ability to critically evaluate and material. Students will be required to evidence these skills through the assessment tasks.	<i>Assessment:</i> Presentation (20%) Dissertation (60%) Reflection (20%)

Sports studies

4202SSLN	Personal Learning and Development (20 c) Yearlong	<i>Module aim:</i> This module will help students to develop skills essential for effective learning to degree level, introduce and develop the concepts of graduate skills and develop ideas regarding self-development and personal development planning.	<i>Learning activities:</i> This module is taught through personal tutor groups, on a weekly basis, that support the individuals in relation to their own needs and development.	<i>Assessment:</i> Self-Awareness Statement (10%) Portfolio (90%)
4301SSLN	Personal and Professional Development 1 (20 c) Yearlong	<i>Module aim:</i> This module aims to introduce students to the necessary skills, conventions and personal development required for working at level 4. This module is a key foundation for all other modules.	<i>Learning activities:</i> This module will be delivered through Peer Learning Groups (PLG), work-based learning (in schools or community), practical (OAA experience)	<i>Assessment:</i> Portfolio (60%) Essay (30%) Self Awareness Statement (10%)
4403SSLN	Research Methods and Study Skills (20 c) Yearlong	<i>Module aim:</i> This module introduces students to the necessary study skills required for effective learning for their degree programme. In addition the module will introduce basic research methods.	<i>Learning activities:</i> This module is taught in two ways: lectures and peer learning groups (PLGs). The module handbook gives the module timetable for the year. Semester one focuses on study skills. Semester two will introduce students to the required skills needed for understanding and undertaking research. Lectures will provide underpinning theory, and PLGs will be used to allow for further discussion of the concepts covered.	<i>Assessment:</i> Essay (50%) Exam (50%)

4463SSLN	Research Methods and Study Skills (20 c) Yearlong	<i>Module aim:</i> This module introduces students to the necessary study skills required for effective learning for their degree programme. In addition the module will introduce basic research methods.	<i>Learning activities:</i> This module is taught in two ways: lectures and seminars. The module handbook gives the module timetable for the year. Semester one focuses on study skills. Semester two will introduce students to the required skills needed for understanding and undertaking research. Lectures will provide underpinning theory, and seminars will be used to allow for further discussion of the concepts covered.	<i>Assessment:</i> Annotated Bibliography (50%) Exam (50%)
6202SSLN	Research Project (40 c) Yearlong	<i>Module aim:</i> To rigorously investigate an issue from the sport business industry.	<i>Learning activities:</i> This module will be supported by a variety of learning activities including blended learning. Students will work in their PLGs to enable them to support each other.	<i>Assessment:</i> Presentation (10 mins) (15%) Dissertation (85%)
6309SSLN	Make it Happen - Project Implementation (10 c) Yearlong	<i>Module aim:</i> To initiate and complete a community physical education activity project as a team. To critically evaluate how leadership, management and teamwork skills impacted on a community physical activity project.	<i>Learning activities:</i> Preparation and implementation of the community physical activity project Critical reflection of the project and personal development Self awareness Work Related Learning	<i>Assessment:</i> Presentation (100%)
6311SSLN	Research Project (30 c) Yearlong	<i>Module aim:</i> This module aims to build on students' research skills gained at levels 4 and 5 of the programme and will rigorously investigate an issue from physical education or sport in the form of a dissertation	<i>Learning activities:</i> Many of the elements of this module will be explored in lectures, seminars and tutor groups, there will be opportunities for data collection in the 'field'. Students will also be offered individual tutorials and a research supervisor	<i>Assessment:</i> Dissertation (100%)

6361SSLN	Outdoor and Adventure Education Dissertation (40 c) Yearlong	<i>Module aim:</i> To provide the opportunity to carry out an independent research project related to any aspect of Outdoor Education that can be carried out in an appropriate manner and is presented in the form of a dissertation.	<i>Learning activities:</i> Library research. Field data collection. Project Planning and delivery. Use of IT Search facilities, WWW etc., Writing. Analysis. Tutorials, Study Skills.	<i>Assessment:</i> Proposal & Lit Review (10%) Dissertation (90%)
6403SSLN	Dissertation (40 c) Yearlong	<i>Module aim:</i> This module will allow students to critically investigate an issue from a Sport Development related field.	<i>Learning activities:</i> This module will be taught via lectures, seminars and ICT software demonstrations. In addition, students will be offered individual tutorials with their allocated supervisor.	<i>Assessment:</i> Dissertation (100%)
6461SSLN	Major Research Project (40 c) Yearlong	<i>Module aim:</i> This module will allow students to critically investigate an issue from a Sport Coaching.	<i>Learning activities:</i> This module will be taught via lectures, workshops, and tutorials. In addition, students will be offered individual tutorials with their allocated supervisor.	<i>Assessment:</i> Dissertation (100%)

Tourism and events

4001SSLN	Professional Skills Development 1 (20 c) Yearlong	<i>Module aim:</i> This module aims to develop students as independent and reflective learners, using a broad range of academic skills; able to take responsibility for their own performance, learning and actions; within the context of the events management profession.	<i>Learning activities:</i> Activities will be student centred and facilitate group and individual work. Material from other modules in the programme will form the basis of some of the activities where students will reflect on feedback from peers and tutors. Fieldwork will be used to develop team skills and information collection/evaluation skills. Support for Personal Development Planning will be Built environment into the module encouraging self-evaluation and personal action planning.	<i>Assessment:</i> Self Awareness Statement (10%) Portfolio (90%)
6000SSLN	Individual Research Project (40 c) Yearlong	<i>Module aim:</i> To enable the student to investigate and critically analyse a topic that relates to Events Management	<i>Learning activities:</i> The focus of the module rests on independent student learning. However, a number of workshops will be delivered to support and facilitate student learning and research project development process. These activities will consist of students using their own ideas and data as material in these sessions. Students will be further supported by their personal tutor in individual supervision meetings.	<i>Assessment:</i> Proposal (10%) Research Project (90%)

6010SSLN	Individual Research Project (40 c) Yearlong	<i>Module aim:</i> To enable students to investigate and critically analyse a topic which relates to tourism and/or leisure	<i>Learning activities:</i> Delivered by tutorials and workshops	<i>Assessment:</i> Proposal (10%) Dissertation (90%)
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