

Department	Unit	Description	Semester	Timetable	Level	Credit
Compulsory Module	London: City of Change (AME_5_LCC)	Compulsory Module Running in both semester 1 and 2	1&2	Monday 1-4	4	20
Applied Science	Forensic Biology (EAA_5_138)	The unit will introduce some of the major biological indicators found in forensic science and will supply background knowledge e.g. Mendelian genetics for future units in DNA fingerprinting. The laboratory practicals will cover serological identification of human and non human	1	Friday 10-1	5	15
Applied Science	Biomechanics (SES_5_202)	The focus of this unit is to introduce basic concepts in biomechanics and their applications in sports science. The unit includes linear and angular kinematics, linear and angular kinetics and fluid mechanics and provides an opportunity to learn these and other mechanical principles	1	Friday 2-5	5	15
Applied Science	Social Psychology in Sport (SES_5_204)	This unit is intended to develop student understanding of social psychology in sport. The unit has been designed to advance student's knowledge of theory and practice in the psychological preparation of sport performers, and as such will integrate the notions of research informing	1	Monday 10-1	5	20
Applied Science	Human Nutrition (EAA_5_419)	The science of human nutrition is a rapidly evolving discipline. This module will consolidate and expand on introductory concepts from level 4. The breadth of the subject will be explored including perspectives from physiology, cell biology, epidemiology and public health.	1	Thursday 10-1	5	15
Applied Science	Food Microbiology (EAA_5_411)	This unit is designed to help students to develop an understanding of food microbiology, to appreciate the principles of food microbiology and explore both microbial food spoilage and foodborne microorganisms. In this context students will learn about the hazards that	1	Thursday 10-1	5	15
Applied Science	Metabolic Biochemistry (EAA_5_417)	This unit studies in detail the processes involved in the key metabolic pathways involved in the metabolism of carbohydrates, fats and proteins with particular emphasis on biosynthesis of biomolecules. Regulation of metabolic process at both the molecular and cellular level and its	1	Monday 10-1	5	15
Applied Science	Research Methods (Applied Chemical Sciences) (EAA_5_139)	The module aims to equip students with the knowledge and skills required for scientific research and systematic investigation. Students will learn how to develop meaningful research proposals and evaluate objectively and independently research findings. Emphasis will be	2	Tuesday 2-4	5	15
Applied Science	Public Health (EAA_5_420)	Improving public health requires a multi-disciplinary/multi-professional approach in order to gain increased control over the determinants of health and wellbeing. In both developed and developing societies, an evidence based approach to public health is of increasing importance. This	2	Thursday 10-1	5	15

Applied Science	Exercise Physiology & Metabolism (EAS_5_301)	The unit will develop the knowledge and understanding of physiological and metabolic responses and adaptations to acute and chronic exercise. It will focus on fuel utilisation and the muscular, respiratory and cardiovascular responses to both endurance and short-duration high	2	Thursday 10-1 & Friday 10-1	5	30
Applied Science	Group Dynamics in Sports Psychology (SES_6_303)	This module is intended to provide a theoretical underpinning of group dynamics in sport. A central theme within the module will be bridging the gap between theory and practice, and the evaluation of methodological rigour in past group dynamics research. Areas such as team	2	Tuesday 2-5	6	15
Applied Science	Disease and Immunity (SHB_2_511)	The unit looks at various types of disease: infectious, congenital (genetic and acquired), degenerative, metabolic (endocrine and nutritional), immunological (auto immune, allergic, inflammatory), nepotistic. It also looks at the basics of the immune system and diagnosis and therapy.	2	Tuesday 10-1 & Wednesday 2-5	5	15
Applied Science	Safe Food Preparation (EAA_5_410)	This extended unit aims to provide students with a sound foundation of safe food operations in the modern food and drink industry. The first part of the unit covers the modern principles of food hygiene, which should underpin and permeate all safe and successful operations in all sectors	2	Tuesday 10-1	5	15
Applied Science	Molecular Biology (EAA_5_418)	This unit studies in detail the central dogma of molecular biology including DNA replication, transcription and translation in both prokaryotes and eukaryotes, the molecular biology of microbial genetics, recombinant DNA technology and gene regulation.	2	Monday 10-1	5	15
Applied Science	Kinesiology (SES_4_102)	This unit will develop the student's knowledge and understanding in human anatomy of the musculo-skeletal system. It will also develop their understanding of functional anatomy and how this can be used to explain sporting skill and performance. Further, the application of	B	Monday 2-5 (sem 1), Monday 10-1 (sem 2)	4	30
Applied Science	Analytical Techniques (FBS_5_200)	Modern analytical laboratories house a wide range of analytical instrumentation, which facilitate the detection of a vast array of analytes and, often, their quantification down to ppb or ppt levels. Irrespective of how sophisticated the instrumentation may be, if it is not used	B	Monday 2-5 & Tuesday 2-5 (sem 1 & 2)	5	30
Applied Science	Laboratory Testing And Research Methods (SES_5_200)	Sports Science: The unit is intended to develop student understanding of the experimental methods and data collection techniques used in sport and exercise science, as well as develop laboratory skills. The unit will also examine research designs of various types and consider	B	Tuesday 10-1 (sem 1 & 2)	5	30
Applied Science	Skill Development 2 (SES_5_201)	This unit is designed to develop student understanding, application of scientific principles and evidence based practice associated to skill development. Students will critically evaluate the concepts, theories and applications underpinning, motor skill development, information	B	Tuesday 2-5 (sem 1 & 2)		15

Applied Science	Human Evolution, Physiology And Behaviour (FBS_5_202)	In this unit, we will require you to bring together information from the three principal areas of our teaching: evolutionary ecology, physiology and behaviour. You will need to integrate the information from these areas to understand the characteristic features of human biology –	B	Tuesday 2-5 (sem 1 & 2)		30
Applied Science	Skill Development 1 (SES_4_103)	This unit will introduce students to the psychological aspects of sport performance and exercise participation, and provide students with the opportunity to gain practical experience in sport, sport coaching and exercise settings	B	Thursday 10-1 (sem 1 & 2)		15
Applied Science	(Bio) Molecules (SFB_4_101)	An introduction to the chemistry and biochemistry required to underpin science degree courses. Starting from a basic description of the atom, the course leads progressively to cover key aspects of fundamental physical, inorganic and organic chemistry. The unit then looks at various aspects	B	Wednesday 9-1 & 4-5 (sem1) Tuesday 10-12 + 2-5 (sem 2)	4	30
Applied Science	Scientific Skills (SFB_4_100)	This Module explores the basic skills that all scientists need. The largest component of the Module is the laboratory work (50%), which gives practical experience in microscopy, microbiology and chemistry. The Computing workshops (30%) deal with the use of e-mail and the	B	Tuesday 10-1 + 4-5 (sem1) Thursday 10-1 (sem 2)	4	30
Applied Science	Biological Principles (SFB_4_103)	This is an introductory module providing a foundation for further studies in all areas of biology. The cellular organisation of living organisms is introduced and the organisation and functions of eukaryotic and prokaryote cells are explored. Genetics, the study of heredity, is	B	Wednesday 2-4 (sem 1 & 2)	4	30
Applied Science	Nutrition (SFB_4_102)	The physiological basis for the study of nutrition is a key theme throughout this module. Attention is given to the physical principles that underlie physiological function which forms the basis for further studies in health and disease. The concept of integration and control is	1	Thursday 2-5	4	15
Applied Science	Physiology (SFB_4_102)	The physiological basis for the study of nutrition is a key theme throughout this module. Attention is given to the physical principles that underlie physiological function which forms the basis for further studies in health and disease. The concept of integration and control is	2	Thursday 2-5	4	15
Applied Science	Physiology and Nutrition (SFB_4_102)	The physiological basis for the study of nutrition is a key theme throughout this module. Attention is given to the physical principles that underlie physiological function which forms the basis for further studies in health and disease. The concept of integration and control is	B	Thursday 2-5 (sem 1) Thursday 2-5 (sem 2)	4	30
Applied Science	Law for Forensic Science (EAC_5_136)	The first part of this module is designed to introduce non-law students to the basic principles of criminal procedure and liability, exploring the statutory and common law sources on which the law is based. Students are guided through a linear approach to the operation of the criminal	B	Tuesday 10-1 (sem 1) Friday 10-1 (sem 2)	5	30

Applied Science	Introduction to Forensic Science (EAC_4_133)	This module is designed to introduce students to the scope and nature of forensic science and the law. One of the main themes through this introductory module is to emphasise the various roles that fall under the forensic science remit and the skills required to perform well in a	B	Tuesday 9-1 (Sem 1 & 2)	4	30
Applied Science	Materials Science (EAC_4_132) (Clashes With London: City Of Change)	This module introduces students to the basic properties of forensically relevant materials. It includes their chemical nature and physical form which under certain circumstances may endanger life or be potentially lethal. <i>Physical properties of materials may pose a danger due to</i>	B	Monday 2-5 (sem 1) Monday 2-4 (sem 2)	4	30
Applied Science	Core Science for Forensic Scientists (EAC_4_134)	This module centres on the basic skills that all scientists need to be conversant with. It comprises a series of laboratory workshops which give practical experience in the areas of chemistry, microscopy and physics. It also introduces one of the central principles of forensic science,	B	Wednesday 2-5 (sem 1) Monday 10-1 & Wednesday 2-5 (sem 2)	4	
Applied Science	Core Skills for Forensic Scientists (EAC_4_131)	This module centres on the basic skills that all scientists need to be conversant with. It comprises a series of laboratory workshops which give practical experience in the areas of chemistry, microscopy and physics. It also introduces one of the central principles of forensic science,	1	Monday 11-1, Tuesday 2-5 & Wednesday 10-1 (sem 1) Wednesday 10-1 (sem 2)	4	
Applied Science	Marks and Traces (EAC_5_137)	Scenes of crime contain potent information that, if sought in a systematic, legal and scientific way, can help the investigators determine what happened, who was responsible and who was involved. Firstly, the scene must always be thoroughly evaluated. The forensic scientist /	B	Monday 10-1 & Tuesday 10-1 (sem 1 & 2)	5	30
Applied Science	Foodology (SFB_4_104)	This extended module aims to familiarise students with food production systems, sustainability and the conversion of raw materials into food ingredients and the application of food ingredients in manufactured food products. The first part of the module establishes the principles of food	B	Tuesday 12-1 & Wednesday 2-4 (sem 1) Tuesday 2-5 & Wednesday 2-5 (sem 2)	4	30
Applied Science	Physiology & Metabolism (SES_4_101)	Attention is given to the physical and chemical principles that underlie physiological function and metabolic processes. The concept of integration and control is developed, beginning with the study of cell membrane function and leading to an appreciation of human	B	Monday 10-1 (sem 1); Monday 2-5 (sem 2)	4	20
Applied Science	Food Composition, Properties and Analysis (EAC_5_408)	This module builds on an understanding of the chemistry of biological molecules and applies these principles to explaining the nature, properties and behaviour of particular food macromolecules. Specific components will be used for illustration e.g. starch, lipids, proteins, pectin	B	Thursday 2-5 (sem 1 & 2)	5	30
Applied Science	Research Methods (FBS_5_201)	N/A	B	Tuesday 10-1 (sem 1 & 2)	5	30

Applied Science	Core Sport Science (SES_4_100)	N/A	B	Friday 2-5 (sem 1 & 2)	4	30
Chemical Engineering	Advanced Engineering Mathematics and Modelling (EEA_5_007)	This module covers advanced undergraduate engineering mathematics and modelling.	1	Tuesday 1-4 & Wednesday 11-12.30	5	15
Chemical Engineering	Chemical Thermodynamics (EAA_5_967)	Chemical thermodynamics: real gases; application of thermodynamics in thermochemistry; enthalpy; vapour-liquid equilibrium at low, moderate and high pressures. Power thermodynamics: first law of thermodynamics; enthalpy; thermal properties of fluids; steady flow of	1		5	15
Chemical Engineering	Design and Practice A (EUC_4_005)	The module is for all undergraduate year one engineering students, it covers practical work, design activities, sustainable development principles, project management, health and safety and risk management, and transferable skills.	2	Tuesday 9-12	4	15
Chemical Engineering	Principles of Separation and Reaction (EAA_5_968)	Basic concepts and principles underlying the physical separation of ideal binary liquid mixtures. Includes the design of stage-wise and differential distillation and gas absorption processes for the separation of ideal binary mixtures	2	Wednesday 11-1 & 2-4, Thursday 10-1 & Friday 10-1	5	15
Chemical Engineering	Chemical Industry Case Studies (EAC_5_139)	A review of the Chemical and Petrochemical process and refinery industries, presented by class lectures, guest lectures from industry representatives and site visits. Site visits are selected (according to schedule and logistics) from the following: Petrochemical refinery, sugar refinery,	B	Tuesday 11-1 (sem 1 & 2)	5	15
Chemical Engineering	Engineering Principles B (EAC_4_004)	This module develops the students' understanding of essential scientific principles for the study of engineering to degree level. It is designed to be accessible to students with a wide range of prior science specialisation. The module comprises four modules of study: three are	B	Thursday 3-5 & Friday 10-11 (sem 1 & sem 2)		30
Chemical Engineering	Introduction to Chemical and Petroleum Engineering (EAC_4_966)	This module provides an introduction to the scope and nature of the chemical and petroleum industries, the role of professional engineers within these industries, and key technical concepts underpinning chemical and petroleum engineering. Students will develop an understanding of	B	Monday 10-1 (sem 1 & 2)	4	30
Chemical Engineering	Petroleum Engineering Design & Practice 2 (EAC_5_115)	N/A	B	Monday 10-1 & 2-5 or Thursdays 9-12 (sem 1 & 2)	5	30

Chemical Engineering	Geoscience, Drilling and Reservoir Engineering (EAC_5_113)	This module will provide 2 nd year undergraduate students of Petroleum Engineering with an integrated understanding of petroleum geoscience, the reservoir system, and drilling. The emphasis is on building a sound geoscience and reservoir engineering background and	B	Tuesday 9-12 (sem 1 & 2)	5	30
Chemical Engineering	Transfer and Separation Processes (EAC_5_110)	This module covers the theories of fluid mechanics, heat transfer and mass transfer and their application to the design and analysis of unit operations involving fluid/solid separation and separation processes involving simultaneous heat and mass transfer. It is also covers the	B	Monday 11-1 & Monday 3-5 (sem 1) Tuesday 9-12 & Wednesday 9-2	5	30
Built Environment	Building Economics (EBB_5_130)	This unit is about the economics of the construction and property sectors. It focuses on providing a description of the construction sector and an economic explanation of markets and industries as well as some of the major features of construction products. Furthermore, it briefly	1	Monday 9-12	5	20
Built Environment	Sustainable Construction and the Environment (EBB_6_070)	This unit is about the economics of the construction and property sectors. It focuses on providing a description of the construction sector and an economic explanation of markets and industries as well as some of the major features of construction products. Furthermore, it briefly	1	Friday 9-12	6	20
Built Environment	Measurement, Cost Planning & Tender Process for Architects & Building Surveyors (EBB_5_110)	This unit introduces students to the study of building materials and how buildings are pieced together (i.e. building technology)	1	Monday 1-4 & Thursday 1-4	5	20
Built Environment	Project Management (EBB_6_020)	This unit is designed to provide the student with an overview of cost control of construction projects. It introduces basic measurement and documentation and sets these skills in the tender and contract formation process. Basic analytical and approximate estimating skills	B	Monday 1-4 (sem 1) & Friday 9-12 (sem 2)	6	20
Built Environment	Construction Technology & Materials (EBB_4_020)	In recent years the specialism of construction project management has been developed by construction professionals working within construction companies, construction consultancies and the public sector. This specialism is required to achieve effective and efficient	1	Monday 1-4 & Friday 2-4	4	20
Built Environment	Construction Contract Law (EBB_5_080)	This unit introduces students to the study of building materials and how buildings are pieced together (i.e. building technology)	1	Tuesday 9-12	5	20
Built Environment	Contract Administration (EBB_6_060)	This unit examines the various types of construction contracts, including families of standard construction contracts, and the common law and legislation and administrative procedures which govern them. It provides a working knowledge and understanding of construction	1	Wednesday 9-12	6	20

Built Environment	Sustainable Construction and the Environment (level 5) (EBB_5_030)	This unit provides knowledge necessary for the execution of the contractual duties of architects, building surveyors, property and construction managers in contracting and development companies, consultancy practice, public service and private corporations. It is designed to build on	1	Thursday 1-4	5	20
Built Environment	Project Appraisal & Cost Control (EBB_5_120)	The unit looks at the increasing important role of energy and environmental factors which are increasingly impacting on buildings, their use, and their occupants.	1	Thursday 1-4	5	20
Built Environment	Production Management (EBB_5_140)	The unit will focus on the Contractor's QS systems for appraising projects, controlling contract costs. Project budget and cashflow. Valuation procedure. Understanding applications for loss and expense. Sub-contract Payment.	1	Thursday 1-4	5	20
Built Environment	Theory of Architecture, Design & Conservation (EBB_5_020)	This unit introduces the concepts of site investigation; tender, pre-construction and construction planning. Students receive basic knowledge in temporary works; choice of plant; erection systems for traditional and multi-storey steel and concrete structures. Site layout planning;	1	Thursday 4-7	5	20
Built Environment	Building Services and Environmental Science (EBB_4_070)	The unit provides an understanding of the fundamental concepts underlying the requirement to quantify and specify construction work. The student will establish via the lectures/seminars and self study the underlying principles required for the independent production of	1	Friday 9-11	4	20
Built Environment	Management of the Firm (EBB_6_030)	This unit focuses on building services and the environmental performance and develops an understanding of how buildings perform in the areas of acoustics, heat and moisture transfer, lighting, ventilation and air conditioning design. The underlying principles of	1	Friday 9-12	6	20
Built Environment	Supporting Studies (EBB_4_010)	The unit looks at the role of the entrepreneur and how to set up a business, forms of ownership, the management and marketing of a business in addition to understanding the financial accounts and risk management.	1	Friday 1-3	4	20
Built Environment	Legal and Economic Context (EBB_4_030)	This unit focuses on the teaching of various interpersonal, learning and communication skills that will support students in their studies at university and lay a foundation for professional practice in the construction industry	B	Friday 3-5	4	20
Built Environment	Estimating and Tendering Process (EBB_5_090)	This unit gives a practical insight into managing property. The roles and responsibilities of both landlords and tenants are considered in property management. Financial calculations which inform property management decisions are also considered.	1	Monday 9-12	5	20

Built Environment	3D CAD & Building Information Modelling (EBB_5_160)	The legal content of the unit introduces the sources of and basic rules of UK law, including common law and statute law as it affects construction and property professionals. It provides an introduction to construction contract law, tort and restitution law as it affects professionals. It explains	2	Monday 9-12	5	20
Built Environment	Estate and Property Asset Management (EBB_5_200)	This unit introduces the concepts of Building Information Modelling (BIM) through the development of architectural 3D models on industry standard parametric CAD systems. The unit covers the practical competence of architectural modelling and provides exposure on co-ordinating building	2	Monday 9-12	5	20
Built Environment	Measurement 2 and Estimating (EBB_5_070)	An introduction to Financial and Corporate Management through an outline of the types of Firm; their Sources of Finance; the requirement to keep accounts and develop corporate strategy to match the Firm's specific objectives. The changing nature of financial and business markets,	2	Monday 9-12	5	20
Built Environment	Construction Technology & Materials (EBB_4_020)	This unit is designed to provide the student with a sufficient grounding in measurement and analytical estimating to both be able to apply measurement skills to more advanced forms of construction and perform measurement and estimating duties in the role of a junior	2	Monday 2-4	4	20
Built Environment	Architectural Design Procedures (EBB_5_170)	This unit introduces students to the study of building materials and how buildings are pieced together (i.e. building technology)	2	Monday 1-4	5	20
Built Environment	European Construction Property (EBB_6_130)	Personal student architectural design project embracing design studio and technology studio against a defined brief.	2	Monday 1-4	6	20
Built Environment	Contract Practice and Administration (EBB_6_050)	In recent years the specialism of construction project management has been developed by construction professionals working within construction companies, construction consultancies and the public sector. This specialism is required to achieve effective and efficient	2	Monday 1-4	6	20
Built Environment	Construction Planning (EBB_6_172)	This unit provides knowledge necessary for the execution of the contractual duties of the quantity surveyor and commercial manager in contracting and development companies, consultancy practice, public service and private corporations. It is designed to build on and apply	1	Monday 4-7	6	20
Built Environment	Architectural Design & Technology (EBB_4_060)	A unit to provide a broad and critical perspective on planning and construction as well as an understanding of the context within which planning and construction decisions are made and implemented.	2	Tuesday 9-12	4	20

Built Environment	Building Survey and Inspection (EBB_4_050)	This unit focuses on three areas of work; Design Principles, Basic CAD and Technology	2	Tuesday 9-12	4	20
Built Environment	Surveying and Setting Out (EBB_4_040)	This unit focuses on the principles and application of Surveying in construction industry using both traditional and modern Surveying technology including the establishment of horizontal/vertical control and basic setting out techniques and processes.	2	Thursday 1-4	4	20
Built Environment	Property Inspection, Repair & Maintenance (EBB_5_040)	The unit investigates building technology from small to large buildings through precedent studies, which aid students in identifying and formulating the technological principles to be applied to their design projects	2	Tuesday 3-6	5	20
Built Environment	Cost Planning and Tender Process (EBB_5_100)	This unit focuses on the range of techniques used by building surveying professionals in the undertaking of different types of surveys on commercial and large residential properties. It also focuses on the development of planned maintenance programmes and reviews	2	Thursday 9-12	5	20
Built Environment	Construction Contract Law (EBB_5_080)	Focus is on the Professional Office QS advising clients on procurement systems. Undertaking cost planning exercises, preparing expected prime costs. Procuring and assessing principal contractors' estimates, tendering process and tender evaluation. Evaluation of claims for	1	Thursday 1-4	5	20
Built Environment	Planning and Development Controls (EBB_5_180)	This unit examines the various types of construction contracts, including families of standard construction contracts, and the common law and legislation and administrative procedures which govern them. It provides a working knowledge and understanding of construction	2	Thursday 4-7	5	20
Built Environment	Construction Technology & Structures (EBB_4_090)	The unit examines the structure and role of development controls within the development process. Planning policy and building regulations are looked at in order to understand how planning and building controls influence the success of a development as well as its compliance	B	Tuesday 1-3 (sem 1) Thursday 4-7 (sem 2)	4	20
Built Environment	Building Services and Environmental Science (EBB_4_070)	This unit introduces students to the study of building technology associated with larger, more complex buildings; it also introduces the fundamentals of structural analysis.	2	Friday 9-11	4	20
Built Environment	Architectural Practice Management (EBB_6_150)	This unit focuses on building services and the environmental performance and develops an understanding of how buildings perform in the areas of acoustics, heat and moisture transfer, lighting, ventilation and air conditioning design. The underlying principles of	2	Friday 2-5	6	20

Built Environment	Property Law and Valuation (EBB_6_120)	The aim of this unit is to develop the students understanding of how to develop and manage an architectural business with the associated risks and rewards. Further, to understand and create a link with the Project Management disciplines. As a consequence of	2	Friday 2-5	6	20
Built Environment	Corporate Management and Finance (EBB_6_040)	This unit focuses on introducing students to the various principles of law and valuation which are relevant to surveyors working in the construction and property industries.	2	Friday 2-5	6	20
Built Environment	Measurement 1 and Documentation (EBB_5_050)	This unit introduces students to the study of building technology associated with larger, more complex buildings; it also introduces the fundamentals of structural analysis.	B	Thursday 9-12	5	20
Built Environment	Technology 2 (EBB_5_511)	This unit focuses on the principles and application of Surveying in construction industry using both traditional and modern Surveying technology including the establishment of horizontal/vertical control and basic setting out techniques and processes.	B	Tuesday 1-4	5	20
Product Design	Innovation and Enterprise (EEA_6_009)	The module forms part of the common Engineering curriculum for the University. It is intended to be practical, with students developing some appropriate ideas of their own in such a way that they become practical, profitable propositions. Students will practice ways of	1	Thursday 9-1	6	15
Product Design	Design Communications and Computing 1 (EEC_4_894)	The legal content of the unit introduces the sources of and basic rules of UK law, including common law and statute law as it affects construction and property professionals. It provides an introduction to construction contract law, tort and restitution law as it affects professionals. It explains	B		4	30
Product Design	Design Thinking and Practice 1 (EEE_4_895)	The unit provides an introduction to the use of computers as a tool in the design process – and thus all level 4 taught content relating to computing skills resides in this unit. As described previously, the ability to communicate a design project is as important as the project. Different proposals	B	Thursday 9-1	4	30
Product Design	Human Centred Design (EEC_4_710)	Human centred design is an approach that integrates multidisciplinary expertise towards enhancing human well-being, empowering people and promotes sustainability. It leads to systems, machines, products, services and processes that are physically, cognitively and emotionally	B	Friday 9.30-1	4	30
Product Design	Design Engineering 1 (EEC_4_703)	The module develops concepts in engineering science relevant for students studying Engineering Product Design. The content of the module is in three sections: firstly, mathematics; secondly, engineering science, and thirdly, application to products with significant engineering	B	Thursday 2-4	4	30

Product Design	Design Thinking and Practice 2 (EEE_5_893)	The module will build on the experience in the first year Design thinking and practice and other first year modules and aims to develop design thinking methodology and product development practice for the placement (sandwich) year and the final year projects.	B	Friday 9.30-1	5	30
Product Design	Design Communications and Computing 2 (EEC_5_892)	The module will enhance fundamental employability skills for a graduate in the contemporary design industry. It builds on the concepts that were introduced in the first year module, Design Communications and Computing 1, with a view to creation of a professional portfolio that	B	Monday 2-4	5	30
Product Design	Design Futures and Innovation (EEC_5_711)	DFI module raises students' awareness of new design approaches, emerging technological and scientific research as well as ethical, economic and socio/cultural changes in the society. It enhances students' ability to address and think critically about future challenges. It also	B	Tuesday 9:30 - 1	5	30
Product Design	Design Engineering 2 (EEC_5_706)	The module is a combination of mechanical, thermofluids and electronics. A significant portion of the module is taught using case studies of typical products. The main objective of the module is for students to learn basic engineering theory such that they are able to perform	B	Tuesday 10-12	5	30