



University of
Strathclyde
Glasgow

General and Programme Regulations for Graduate and Postgraduate Awards and Degrees 2025-26

Version No.	Description	Author	Approval	Effective Date
1.0	General and Programme Regulations for Graduate and Postgraduate Awards and Degrees 2025-26	Quality Enhancement and Assurance	n/a	01 Aug 2025

CONTENTS LIST

POSTGRADUATE TAUGHT – GENERAL REGULATIONS

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

Master of Architecture in Advanced Architectural Design
Master of Science in Architectural Design for the Conservation of Built Heritage
Master of Architecture in Architectural Design (International)
Master of Science in Sustainability Innovation Leadership
Master of Science in Urban Design

DEPARTMENT OF BIOMEDICAL ENGINEERING

Master of Science in Biofluid Mechanics
Master of Science in Biomedical Engineering
Master of Science in Biomedical Engineering with Biomechanics
Master of Science in Biomedical Engineering with Cell and Tissue Engineering
Master of Science in Medical Devices
Postgraduate Certificate in Medical Technology
Master of Science Orthotics Rehabilitation Studies
Master of Science in Prosthetics and Orthotics Rehabilitation Studies
Master of Science in Prosthetics and Orthotics
Master of Science in Prosthetics Rehabilitation Studies
Master of Science in Rehabilitation Studies
Postgraduate Diploma in Vision Impairment Rehabilitation (Specialist)
Postgraduate Certificate in Vision Impairment Rehabilitation (Assistant)

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

Master of Science in Advanced Chemical Engineering
Master of Science in Process Technology and Management
Master of Science in Chemical Technology and Management
Master of Science in Advanced Chemical and Process Engineering
Master of Science Energy Systems Innovation

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Graduate Diploma in Civil Engineering
Master of Science in Civil Engineering
Master of Science in Environmental Engineering
Master of Science in Environmental Entrepreneurship
Master of Science in Hydrogeology
Master of Science in Sustainability and Environmental Studies

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

Master of Science in Advanced Manufacturing: Technology and Systems
Master of Science in Design Engineering
Master of Science in Design Engineering with Sustainability
Master of Science in Design Engineering with Advanced Product Development
Master of Science in Engineering Management for Process Excellence
Master of Science in Global Innovation Management
Postgraduate Diploma/Certificate in Global Innovation Management

Master of Science in Industrial Engineering
Master of Science in Mechatronics and Automation
Postgraduate Diploma Postgraduate Engineer in Engineering Management (DA)
Master of Science in Product Design
Master of Science in Supply Chain and Logistics Management
Master of Science in Supply Chain and Procurement Management
Master of Science in Supply Chain and Sustainability Management
Master of Science in Systems Engineering Management

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

Master of Science in 5G Advanced Communications
Master of Science in Advanced Electrical Power and Energy Systems
Master of Science in Electrical Power and Energy Systems
Master of Science in Electronic and Electrical Engineering
Master of Science in Autonomous Robotic Intelligent Systems
Master of Science in Communications, Control and Digital Signal Processing
Master of Science in Communications Technology and Policy
Master of Science in Electrical Engineering for Modern Power Systems
Master of Science in Electrical Power and Energy Systems
Master in Electricity Industry Management and Technology
Master of Science in Electronic and Electrical Engineering (January entry)
Master of Science in Electronic and Electrical Engineering (September entry)
Master of Science in Future Energy and Power System Operation and Management
Master of Science in Machine Learning and Deep Learning (January entry)
Master of Science in Machine Learning and Deep Learning (September entry)
Master of Science in Renewable Energy and Decarbonisation Technologies
Master of Science in Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering (Erasmus Mundus)
Master of Science in Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems (Erasmus Mundus)
Master of Science in Smart Grids
Master of Science in Wind Energy Systems

FACULTY PROGRAMMES

Master of Science in Advanced Engineering Studies
Master of Science in Engineering Project Management (Online)
Master of Science in Engineering Project Management
Master of Science in Sustainable Engineering
 Advanced Construction Technologies and Building Information Management
 Chemical Processing
 Marine Technology
 Offshore Renewable Energy
 Renewable Energy Systems and the Environment

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Master of Science in Advanced Materials Engineering
Master of Science in Advanced Mechanical Engineering (online)
Master of Science in Advanced Mechanical Engineering with Industrial Placement
Master of Science in Advanced Mechanical Engineering
Master of Science in Advanced Mechanical Engineering with Aerospace
Master of Science in Advanced Mechanical Engineering with Energy Systems
Master of Science in Advanced Mechanical Engineering with Materials
Master of Science in Aerospace Engineering

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

Master of Science in Advanced Naval Architecture
Master of Science in Marine Engineering with Specialisation in Autonomous Marine Vehicles
Master of Science in Marine Engineering
Master of Science in Offshore Energy Transition
Master of Science in Offshore Floating Systems
Master of Science in Offshore Wind Energy
Master of Science in Ship and Offshore Structures
Master of Science in Ship and Offshore Technology
Postgraduate Diploma in Ship and Offshore Technology
Postgraduate Certificate in Ship and Offshore Technology
Master of Science in Subsea and Pipeline Engineering
Master of Science in Technical Ship Management

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING

Master of Science in Genealogical, Palaeographic and Heraldic Studies
Postgraduate Certificate in Safety and Risk Management Leadership
Master of Science in Safety and Risk Management

STRATHCLYDE INSTITUTE OF EDUCATION

Master of Science in Applied Educational and Social Research
Master of Education in Autism
Master of Science in Autism
Strathclyde Institute of Education Programmes:
 Children and Young People's Literacy, Language & Literature
 Education Studies
 Inclusive Education
 Professional Practice
 Specialist Qualification for Headship (Into Headship)
 Philosophy with Children
 Supporting Bilingual Learners in the Mainstream Classroom
 Supporting Teacher Learning
 The Creative Child & the Creative Practitioner
 Health, Wellbeing and Sustainability
 Technology Enhanced Teaching and Learning (Digital Education)
Master of Education in Early Years Pedagogy
Postgraduate Certificate in Education (International)
Postgraduate Certificate in Educational Issues and Impact
Postgraduate Certificate in Educational Issues, Impact and Immersion
Master of Education in Educational Leadership
Master of Science in Educational Leadership
Postgraduate Certificate in Engineering Stem Learning
Postgraduate Diploma in Gaelic Immersion for Teachers
Postgraduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE)
Postgraduate Certificate in Learning and Teaching in Higher Education
Master of Science in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People
Postgraduate Certificate in Researcher Professional Development
Master of Science in Secondary Education (subject)

Postgraduate Certificate in Social Research Methods
Master of Science in TESOL and Intercultural Communication
Master of Science in Language Teaching in Global Contexts

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

Master of Science in Data Science for Politics and Policymaking
Master of Science in International Relations
Master of Science in Political Communication and Media
Master of Science in Political Economy
Master of Science in Political Research
Master of Science in Politics
Master of Science in Public Policy

DEPARTMENT OF HUMANITIES

Master of Science in Applied Gender Studies (Research methods)
Master of Science in Applied Gender Studies
Master of Science in Applied Translation and Interpreting
Master of Science in Applied Translation
Master of Letters in Creative Writing
Master of Letters in Digital Journalism
Master of Science in Diplomacy and International Security
Master of Science in Health History
Master of Science in Historical Studies
Master of Letters in Media and Communication
Master of Letters in Media and Communication with a specialisation in
 Political Communication
 Journalism, Ethics and Trauma
 Health Communication
Master of Science in Media, Crime & Violence
Master of Science in Translation Studies

STRATHCLYDE LAW SCHOOL

Master of Laws in Competition Law with specialisation in
 Private Enforcement
 Digital Economy
 Competition Law and the State
Master of Laws in Construction Law
Master of Laws in Construction Law (online)
Master of Laws in Criminal Justice & Penal Change
Master of Science in Criminal Justice & Penal Change
Master of Laws in Global Environmental Law and Governance
Master of Laws in Global Environmental Law and Governance with a specialisation in Ocean Law
Master of Laws in Human Rights Law
Master of Laws in Human Rights Law with specialisation in Medical Law
Master of Laws in Information Technology and Telecommunications Law
Master of Laws in International Commercial Law
Master of Laws in International Commercial Law with a specialisation in Financial Regulation
Master of Laws in International Commercial Law with a specialisation in Antitrust Law
Master of Laws in International Maritime Law
Master of Science in International Maritime Law
Master of Laws in Law
Master of Laws in Law, Technology and Innovation

Master of Science in Law, Technology and Innovation
Master of Laws in Legal Research Skills and Methods
Master of Science in Legal Research Skills and Methods
Master of Laws in Mediation and Conflict Resolution
Master of Science in Mediation and Conflict Resolution
Master of Laws in Professional Legal Practice
Postgraduate Diploma in Professional Legal Practice
Postgraduate Diploma in Professional Mediation

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

Master of Science Adolescent Mental Health and Resilience
Master of Science in Clinical Health Psychology
Master of Science in Counselling and Psychotherapy
Master of Science in Physical Activity in NCD Prevention and Control
Master of Science in Psychology with a specialisation in Business
Master of Science in Psychology with a specialisation in Health
Master of Science in Research Methods in Psychology
Master of Science in Sport Data Analytics

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

Master of Science in Advanced Residential Child Care
Master of Science in Child and Youth Care Studies
Postgraduate Certificate in Children and Young People in Conflict with the Law
Master of Science in Criminology and Social Policy
Master of Science in Criminology (Research Methods)
Master of Science in Family Therapy and Systemic Practice
Master of Science in Health & Social Policy
Master of Science in International Social Welfare
Postgraduate Certificate in Mental Health Social Work (Mental Health Officer Award)
Postgraduate Certificate in Relative Matters – Good Practice in Kinship Care
Postgraduate Certificate in Securing Children's Futures
Master of Science in Social Policy (Research Methods)
Master of Science in Social Policy
Master of Science in Social Work (Research Methods)
Master of Science in Social Work

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

Master of Science in Finance - Bahrain
Master of Science in Finance and Management
Master of Science in Finance
Master of Science in Financial Technology (FinTech)
Master of Science in Accounting, Finance and Data Analytics
Master of Science in Investment and Finance
Master of Science in Sustainable Finance

DEPARTMENT OF ECONOMICS

Master of Science in Applied Economics
Master of Science in Applied Economics (online)
Master of Science in Economics and Finance – Bahrain
Master of Science in Economics and Finance
Master of Science in Economics and Policy of Energy and Climate Change

Master of Science in Economics and Policy of Energy and Climate Change (Online)

FACULTY PROGRAMMES

Master of Business Administration (2023/24 only)

Master of Business Administration (Executive) (2023/24 only)

Master of Business Administration (2023/24 only) with Specialisation

Shipping

Sustainable Energy Futures

Master of Business Administration (2024/25 entry onwards)

Master of Business Administration (Executive) (2024/25 entry onwards)

Master of Business Administration (2024/25 entry onwards) with Specialisation

Shipping

Sustainable Energy Futures

Master of Science in Digital Transformation

Master of Science in Health and Care Leadership

Master of Science in Sales and Marketing

Master of Science in Strategic Financial Technology (Fintech)

Master of Science in Sustainability

Master of Science in Sustainability with a Specialisation in*

Novel Economic Approaches for Sustainability

Business Management and Operational Challenges

Social Inequalities and Policy

Environment, Resources and Health

HUNTER CENTRE FOR ENTREPRENEURSHIP

Master of Science in Business and Management

Master of Science in Entrepreneurship, Innovation and Technology

Master of Science in Emerging Technologies, Innovation and Entrepreneurship

Master of Science in International Management

Master of Science in Project Management and Innovation

DEPARTMENT OF MANAGEMENT SCIENCE

Master of Science in Business Analysis and Consulting

Master of Science in Business Analysis and Consulting (online)

Master of Science in Data Analytics

Master of Science in Health Analysis, Policy & Management

Master of Science in Operational Research (online)

Master of Science in Project Management (International)

DEPARTMENT OF MARKETING

Master of Science in Digital Marketing Management

Master of Science in International Marketing

Master of Science in Marketing

Master of Science in Tourism Marketing Management

DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION

Master of Science in Human Resource Management

Master of Science in International Human Resource Management

Master of Science in Work and Organisational Psychology

Master of Science in Occupational Psychology

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

Master of Science in Advanced Computer Science
Master of Science in Advanced Computer Science with Software Engineering
Master of Science in Advanced Computer Science with Artificial Intelligence
Master of Science in Advanced Computer Science with Data Science
Master of Science in Advanced Computer Science with Cyber Security
Master of Science in Artificial Intelligence and Applications
Master of Science in Cyber Security (Graduate Apprenticeship)
Master of Science in Cyber Security
Master of Science in Digital Health Systems (IMU)
Master of Science in Digital Health Systems
Master of Science in Information and Library Studies
Master of Science in Information Management
Master of Science in Software Development

FACULTY PROGRAMMES

Master of Science in Advanced Science

DEPARTMENT OF MATHEMATICS AND STATISTICS

Master of Science in Actuarial Science
Master of Science in Advanced Computational Mathematics
Master of Science in Advanced Data Science
Master of Science in Advanced Mathematical Modelling
Master of Science in Applied Statistics
Master of Science in Applied Statistics (Online)
Master of Science in Applied Statistics in Health Sciences
Master of Science in Applied Statistics in Health Sciences (Online)
Master of Science in Applied Statistics with Data Science
Master of Science in Applied Statistics with Data Science (Online)
Master of Science in Applied Statistics in Finance
Master of Science in Applied Statistics in Finance (Online)
Master of Science in Medical Statistics
Master of Science in Quantitative Finance
Master of Science in Statistics and Data Science

DEPARTMENT OF PHYSICS

Master of Science in Advanced Physics
Master of Science Applied Physics
Master of Science in Industrial Photonics
Master of Science in Nanoscience
Master of Science in Photonics
Master of Science in Quantum Technologies

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

Master of Science in Chemistry with Artificial Intelligence
Master of Science in Chemistry with Data Science
Master of Science in Forensic Science
Postgraduate Certificate in Fundamentals in Forensic Science
Master of Science in Optical Medical Imaging Entrepreneurship

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

Master of Science in Advanced Clinical Pharmacy Practice
Master of Science in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing
Master of Science in Advanced Drug Delivery
Master of Science in Advanced Pharmaceutical Manufacturing
Master of Science in Biomedical Sciences
Master of Science Advanced Immunology
Master of Science Advanced Pharmacology
Master of Science Advanced Biochemistry
Master of Science Molecular Microbiology
Master of Science Neuroscience and Mental Health
Master of Science in Cancer Therapies
Master of Science in Clinical Pharmacy
Practice Certificate in Independent Prescribing
Master of Science in Industrial Biotechnology
Master of Science in Pharmaceutical Analysis
Master of Science in Pharmaceutical Quality and Good Manufacturing Practice

POSTGRADUATE STUDY AND RESEARCH – GENERAL REGULATIONS

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

Master of Research in Building Design and Management for Sustainability

DEPARTMENT OF BIOMEDICAL ENGINEERING

Master of Research in Biofluid Mechanics
Master of Research in Biomedical Engineering
Master of Research in Biomedical Engineering with Biomechanics
Master of Research in Biomedical Engineering with Cell and Tissue Engineering
Doctor of Engineering in Medical Devices
Master of Science in Medical Devices
Master of Research in Medical Technology

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Master of Research in Climate Change Adaptation
Master of Research in Geoenvironmental Engineering
Master of Research in Integrated Pollution Prevention and Control
Doctor of Philosophy in Nuclear Engineering

DEPARTMENT OF DESIGN MANUFACTURE AND ENGINEERING MANAGEMENT

Doctor of Engineering in Advanced Manufacturing: Forging and Forming
Master of Science in Advanced Manufacturing: Forging and Forming

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

Doctor of Engineering in Applied Photonics
Doctor of Philosophy in Applied Photonics

Master of Research in Future Power Networks and Smart Grids
Doctor of Philosophy in Renewable Energy Systems
Doctor of Engineering in Ultrasonic Engineering
Doctor of Philosophy with Integrated Study in Ultrasonic Engineering
Master of Research in Wind Energy Systems

FACULTY PROGRAMMES

Master of Research in Engineering
Doctor of Engineering in Non-Destructive Evaluation

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

Doctor of Engineering in Offshore Renewable Energy
Doctor of Engineering in Renewable Energy Marine Structures
Doctor of Engineering in Wind & Marine Energy Systems & Structures

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION

Doctorate of Education
Doctorate of Education with specialism in Supporting Teacher Learning
Doctorate of Education with specialism in Philosophy with Children
Doctorate of Education with specialism in Autism
Doctorate of Education with specialism in Early Years Pedagogue
Doctorate of Education with specialism in Inclusive Education
Doctorate of Education with specialism in Educational Leadership
Doctorate of Education with specialism in Digital Technology
Doctorate of Education with specialism in Bilingual Education
Doctorate of Education with specialism in Philosophy and Culture

FACULTY PROGRAMMES

Master of Research in
Creative Writing
English
French
History
Italian
Journalism
Spanish
Physical Activity for Health
Political Science
Public Policy
Speech and Language Sciences
Urban Futures

Professional Doctorate in Advanced Practice
Professional Doctorate in Advanced Practice with specialisations in
Health
Social Work
Social Policy and Criminal Justice
Law
Law, Crime & Justice

Environmental Law & Governance
Competition Law
Internet Law & Policy Law
Public Law

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

Doctor of Educational Psychology

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

Doctor of Business Administration
Master of Research in Research Methodology in Business and Management
Doctor of Business Administration (PKU)
Master of Philosophy in Business Administration
Master of Science in Practitioner Research in Business Administration

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

Doctor of Information Science (DInfSci)

DEPARTMENT OF MATHEMATICS AND STATISTICS

Master of Research in Mathematical Sciences

DEPARTMENT OF PHYSICS

Doctor of Philosophy in Applications of Next Generation Accelerators
Master of Research in Physics

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

Doctor Of Philosophy with Integrated Study in Pure and Applied Chemistry

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

Doctor of Philosophy for Research plus Postgraduate Certificate in Learning and Teaching in Higher Education
Doctor of Pharmacy
Doctor of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing
Master of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing



General Academic Regulations (Regulations Specific to a Particular Level of Study)

Postgraduate Taught Degree Programme Level

Version No.	Description	Author	Approval	Effective Date
1	General Regulations for Postgraduate Students	QEAT	Senate	Sept 2021 for AY 2021/22
2	Addition of para on Admissions, correction of period of study, other minor amendments	QEAT	Senate	June 2021/22
3	Para 85 add link to new Student Discipline Procedures	QEAT	N/A	12 Sept 2022
4	Para 37 clarification of no of attempts to pass a module	QEAT	Senate	Sept 2023
5	Table 1 Period of Study – changes to reflect practice Para 32 clarification of what mark is used to calculate the credit weighted average Table 3 Classification – changes to reflect practice	QEAT	Senate	AY 2024/25
6	Minor changes to clarify that motivational merits and distinctions are not available at postgraduate level of study	AFWG & QEAT	Senate	AY 2024/25
7	Para 98 replace “pass” with “award”	QEAT & Faculties	QAC OOC	March 2025
8	Remove para 36 “students may be required to attend and participate in an oral examination”	AFWG	Senate June 25	August 2025

Table of Contents

Glossary of Terms	3
LIST OF AWARDS	5
CONTEXT	5
DEFINITION OF AWARDS	5
JOINING THE UNIVERSITY	6
Recognition of Prior Learning	6
Period of Study	6
Mode of Study	6
Place of Study	7
Registration Status	7
UNIVERSITY EXPECTATIONS	7
Engagement	7
Assessment	8
Dissertations	9
PROGRAMME STRUCTURE	9
Curriculum	9
Selecting Optional Modules	9
Credit Structure	10
Exceptions to the Standard Credit Structure	10
Award of Credits	10
Progression	10
Compensation Scheme	11
Restricted Examination Attendance	11
CHANGES TO REGISTRATION STATUS	12
Transfer of Registration	12
Suspension	13
Registration with Attendance	13
Reattend	13
Student Misconduct	13
Unprofessional Conduct	13
Withdrawal	13
Transfer to Part-time	14
OUTCOMES	14
Board of Examiners	14
Award	14
Classification	15
Appeals	16
Making a Complaint	17

Glossary of Terms

<i>Academic Suspension</i>	An interruption of studies for an individual, on academic grounds.
<i>Board of Examiners</i>	A committee responsible for considering and approving module results, making student progression decisions or determining eligibility for awards.
<i>Board of Study</i>	A Faculty's senior academic committee, which makes recommendations directly to Senate and takes some decisions on behalf of Senate via delegated authority.
<i>Compensation</i>	Where a student has failed to attain the pass mark in a module, they may, in specific circumstances, be granted a pass by compensation.
<i>Compulsory module</i>	A module which <i>must</i> be taken as part of the programme curriculum.
<i>Department</i>	Academic Departments within each Faculty.
<i>Elective module</i>	A module <i>freely chosen</i> by a student from programmes offered by the University.
<i>Faculty</i>	The University of Strathclyde has four faculties: • Engineering • Humanities and Social Sciences • Science • Strathclyde Business School
<i>Optional module</i>	A module chosen by a student from a list <i>defined</i> in a programme curriculum.
<u>PEGASUS</u>	An online portal which provides a number of services for students and staff members.
<i>Programme Handbook</i>	Guide detailing specific programme-related Information.
<i>Programme Regulations</i>	Specific requirements for individual programmes of study.
<i>Reattend</i>	This is a decision which is only taken in exceptional circumstances and it permits students to repeat their year of study.
<i>Registration with Attendance</i>	An option for students who are required to spend the session in Academic Suspension.
<i>Senate</i>	The academic governing body within the University, responsible for all academic matters including academic standards and quality.

<u>Regulations</u>	The Regulations describe the remit and composition of various University committees; regulate the academic work of the University, the education and discipline of its students, and such other matters as lie within the functions of Senate. These Regulations stand separate to the General Academic Regulations.
<u>University Ordinances</u>	Regulatory document providing details on the way in which the University is governed.
<u>Voluntary Suspension</u>	A voluntary interruption of studies for an individual who is otherwise qualified for continued study.

LIST OF AWARDS

1. The University confers the following awards by the authority of the Senate under [Ordinance 3](#):
 - a. Master in Management (MiM)
 - b. Master of Architecture (MArch)
 - c. Master of Arts (MA)
 - d. Master of Business Administration (MBA)
 - e. Master of Communications Management (MCM)
 - f. Master of Education (MEd)
 - g. Master of Environmental Studies (MEnvS)
 - h. Master of Laws (LLM)
 - i. Master of Letters (MLitt)
 - j. Master of Science (MSc)
 - k. Master of Technology Management (MTM)
 - l. Postgraduate Diploma (PgDip)
 - m. Postgraduate Certificate (PgCert)

CONTEXT

2. In interpreting these General Academic Regulations, regard should be given to the University's [Academic Policies and Procedures](#) and, where appropriate, Programme Handbooks.
3. Students should also read these General Academic Regulations in conjunction with the University's [Constitutional Regulations](#) which set out specific requirements for individual programmes of study.
4. Where reference is made to information in Programme Handbooks, the relevant Board of Study shall have approved such information or have delegated authority to Faculty Academic Committee to do so.
5. Boards of Examiners are assigned to one (or more) programmes and are responsible for ratifying student results and for making recommendations to the Board of Study. All decisions taken by Boards of Examiners, acting on behalf of the relevant Board of Study, shall subsequently be reported to that Board of Study.
6. Senate delegates authority to Boards of Examiners to make decisions on student outcomes.
7. In the unlikely event of any conflict between these General Academic Regulations and other University publications, including Programme Handbooks, the Regulations take precedence.

DEFINITION OF AWARDS

Masters Degree

8. The degree of Master is awarded after completion of taught programmes, programmes of research or a mixture of both.

Postgraduate Certificate (PG Cert) and Postgraduate Diploma (PG Dip)

9. These qualifications are located at the same academic level as Master's degrees in the Qualifications Frameworks but involve a lower overall volume of learning (and credit where credit is used). They are often used in the context of initial and continuing professional

development. Master's degrees may incorporate progression through postgraduate certificate and diploma stages.

JOINING THE UNIVERSITY

Admission

10. The University's [Admissions Policy](#) sets out the key areas for consideration when setting the admission criteria for a programme, including academic and professional qualifications, work experience, English language requirements, etc.
11. A number of programmes have multiple starting points throughout the academic year. Programmes with multiple starting points may have different programme structures and progression requirements dependent on the student's starting point. Students registering for these programmes should contact their departments to clarify the structure and progression arrangements for these programmes. A list of the programmes that fall within the parameters above are listed on the academic regulations' web page¹.

Recognition of Prior Learning

12. Recognition of Prior Learning is the process for recognising learning that has its source in experience and/or previous formal, non-formal, and informal learning contexts.
13. The University's Policy on the Recognition of Prior Learning deals with how prior learning can be recognised to allow exemption from specific modules of a Strathclyde programme and/or to allow advanced entry leading to a Strathclyde award or qualification.
14. Recognition of Prior Learning is normally applied for at the point of admission. Please refer to the [University's Policy on Recognition of Prior Learning](#) for further information.

Period of Study

15. Standard minimum and maximum registration periods are set out below:

Table 1

Award	Full Time (Months)		Part Time (Months)	
	Minimum Duration	Maximum Duration	Minimum Duration	Maximum Duration
Postgraduate Certificate	6	12	9	24
Postgraduate Diploma	9	24	21	48
Master's	12	36	24	60

16. Exceptionally, the maximum period of study may be extended by Supervisor and Head of Department/School.

Mode of Study

17. Programmes may be offered on a full-time and/or part-time basis however part-time study is not available to certain groups, such as visa holding students.

¹ Please click [here](#) to see the full list of programmes.

18. At the discretion of the relevant Board of Study, on the recommendation of the relevant Head of Department (or their nominee), a student may transfer from full-time to part-time study and vice-versa where an appropriate programme is available. At this time, the relevant minimum and maximum periods of study will be reviewed. For some students, transfer from full-time to part-time study will be prohibited, in line with UK Visa & Immigration (UKVI) compliance requirements.
19. Part-time students will follow a pattern of working in line with that of full-time students, on a pro-rata basis.

Place of Study

20. Except where the Senate has approved distance learning arrangements for off-campus study, modules shall normally be undertaken within the University or within an institution or agency approved by the Senate for this purpose.
21. A student may undertake part of their study in an [approved institution abroad](#), according to an approved curriculum. Normally only one such study period is permitted.

Registration Status

22. Students must register for their programme and remain registered for the duration of their study. A student's registration status is subject to change in certain circumstances (see paragraph 74).

UNIVERSITY EXPECTATIONS

Engagement

23. Every student registered for a programme of study shall be required to engage in required elements regularly and to perform to a satisfactory standard.
24. A student has an obligation to inform the University, at the first reasonable opportunity, of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.
25. In cases where a student is found to not be attending required elements of programmes of study, and/or is failing to perform satisfactorily, they may be considered by the appropriate Board of Study for withdrawal of registration from the University on the basis of a lack of engagement and/or satisfactory academic performance.
26. In some cases, a Programme Director (or their nominee) may recommend to the Vice-Dean (Academic) that students are not permitted to take elements of the programme, where they are considered not to be appropriately engaging or performing satisfactorily. Decisions taken by the Vice-Dean (Academic) are ratified by the Board of Study. In such cases, students will be informed of this decision in writing. A student in this position may subsequently be permitted by the Programme Director (or their nominee) to undertake the missed element of the programme at the next available

opportunity. This will be dependent on satisfactory attendance, engagement and performance.

Assessment

27. It is important that the nature of assessment is fully communicated to students via a range of materials.
28. A student shall complete the assessments during the academic year in which the modules were undertaken unless permitted by the relevant Board of Study to postpone the assessment or where alternative arrangements have been made in line with the University's [Policy for Flexible Learning Arrangements](#).
29. Students are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the relevant coursework. In the case of students on the degree of Master, this includes in the dissertation or project.
30. The relevant Board of Examiners may exceptionally permit alternative forms of re-assessment for a module where they consider it to be in a student's interests.
31. Taught modules shall be assessed by a range of methods of summative assessment:
32. The [University Assessment and Feedback Policy](#) sets guidelines applicable to both undergraduate and postgraduate programmes.
33. For all modules at all Levels, unless otherwise stated, there will be a diet of formal assessment at the end of each semester and a re-sit diet. The module mark gained at the first attempt will be the mark used when calculating the credit weighted average.
34. Except where a programme includes an integrative/reflective module that will draw on work in other modules, each item of work may only be assessed in one module.
35. Unless prior authority of the relevant Board of Study has been given, a student who fails to satisfy the Board of Examiners at the first assessment for a module shall undertake re-assessment at the first available opportunity.
36. The Board of Examiners may exceptionally permit alternative forms of re-assessment for a module where they consider it to be in a student's interest.
37. A student who satisfies the attendance and performance requirements but fails to satisfy the Board of Examiners in respect of any of the assessments within a module at the first diet of assessment may be permitted one further attempt (a maximum of two attempts in total) to pass the relevant assessment. Students should ensure they have declared any personal circumstances as per the [Personal Circumstances and Academic Appeals Procedure](#).
38. The relevant Board of Study, acting on the recommendation of the Board of Examiners, may discount an attempt for a module(s) where appropriate evidence has been provided.

Dissertations

39. Where a dissertation is required, a student will normally be expected to have performed to the satisfaction of the Board of Examiners in the taught components of the programme before being permitted to proceed to the dissertation. The nature of some programmes means that the student will begin working on the dissertation before all taught elements of the programme have been completed.
40. The dissertation shall be of a length and standard approved by the Board of Study and shall normally be submitted by a date approved by the Board of Study and published in the appropriate Programme Handbook.
41. Any dissertation submitted must be written in English. Exceptionally, the Board of Study concerned, acting on behalf of Senate, may permit submission in another language. In such a case, as a minimum, a translation of the abstract into English must accompany the dissertation.

PROGRAMME STRUCTURE

Curriculum

42. The curriculum of a programme may be comprised of compulsory, optional and/or elective modules.
43. Each student must follow the curriculum as prescribed in the relevant Programme Regulations. These will be published on an annual basis by the Senate on the recommendation of the relevant Board of Study.
44. Individual modules shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.
45. The curriculum of every student must be approved by the relevant Head of Department (or their nominee), or equivalent, acting on behalf of the relevant Board of Study.
46. A pass in all compulsory modules is a necessary condition for award. Where a pass in a particular module is a necessary condition for progression this shall be clearly stated in the relevant programme regulations.
47. Programme delivery, materials, assessed work and oral examinations shall be in English unless stated otherwise in individual Programme Regulations.

Selecting Optional Modules

48. The curriculum for a programme shall be set out in the Programme Regulations and shall indicate which modules are compulsory and which are optional.
49. Where unlisted optional modules may be chosen as part of the curriculum, the approval of the Head of Department (or their nominee) responsible for offering each module is also required.
50. The University cannot guarantee that all optional or elective modules will be available in any given academic year. The choice of modules may be subject to constraints of

timetabling and may also be influenced by professional requirements as well as by a student's entrance qualifications or pre-requisite modules passed.

Credit Structure

51. The university employs a credit structure based on multiples of 20. The structure of taught programmes shall normally accord with those set out below:

Table 2

Award	Credit Requirements	Minimum Level Requirement
Postgraduate Certificate	60	50 credits at Level 5
Postgraduate Diploma	120	100 credits at Level 5
Master's Degree	180	150 credits at Level 5

52. For a typical student, one credit equates to approximately 10 notional hours of learning.
53. Programmes may specify a minimum number of credits greater than those given in the table above. This shall be stated in individual Programme regulations.

Exceptions to the Standard Credit Structure

54. There are exceptions to the 'multiples of 20' structure based on multiples of 10, such as programmes structured to meet professional accreditation requirements, graduate apprenticeships programmes, and programmes where a pedagogical case has been approved. These exceptions are approved by Senate and full details are available in the relevant Programme Regulations.
55. In certain circumstances, for example to meet professional accreditation requirements, the credit requirement may exceed the standard framework.

Award of Credits

56. A mark of 50% in Level 5 modules is deemed a clear pass.

Progression

57. At all stages of the programme, a student must achieve an approved standard of performance with regard to level of study and academic attainment specified in the Programme Handbook.
58. The progress of every student shall be determined by the relevant Board of Examiners although the Board shall defer consideration of progress or award for any student currently involved in disciplinary proceedings.
59. Progress requirements for a programme available on a part-time basis shall be detailed in individual Programme Regulations.

60. Credits in particular modules required for progress shall be detailed in individual Programme Regulations.
61. Details of any required minimum level of performance to permit a student to progress from Certificate to Diploma and from Diploma to Master's are shown in individual Programme Regulations.
62. A full-time Master's student may be required to accumulate a minimum of 90 taught credits in order to progress to the next stage of their programme.
63. Students on the degree of Master will normally be expected to perform to the satisfaction of the Board of Examiners on the taught components of the programme before being permitted to proceed to the project and/or dissertation.
64. A student who is deemed to have failed the dissertation will not normally be permitted a further attempt at passing the module. At the discretion of the Board of Examiners, a maximum of one additional attempt may be permitted and this will be dependent on overall performance and will be subject to the approval of the Board of Examiners. In such cases, re-submission shall normally be within one year of the first submission date.
65. A student may be subject to a restriction in the number of modules that may be re-assessed.

Compensation Scheme

66. Where a student has failed to attain the pass mark in a module they may, in line with the University's [Policy on Compensation Scheme](#), be granted a pass by compensation. The relevant Programme Handbook contains further details.
67. For the avoidance of doubt, a pass by compensation shall be regarded as a pass.

Restricted Examination Attendance

68. 'Restricted Examination Attendance' is referred to as NQ (Not Qualified) in some Faculties.
69. When a student does not satisfy engagement and performance requirements of a module, they shall not be entitled to take the assessment. The decision will be made by the Head of Department/School and the relevant Vice Dean (Academic) or nominee. The student shall be informed of this in writing.
70. A student who is deemed to have failed a taught module shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department offering the module may decide. The nature of re-assessment shall be identified in module descriptors and/or Programme Handbooks. The attempt shall normally be made at the next available diet of examinations.

71. Boards of Examiners may exceptionally permit alternative forms of re-assessment for a module where they consider it to be in a student's interest. The Board of Examiners may also require the student to re-attend the module.
72. The Board of Examiners may discount an attempt for a module where appropriate medical or other evidence has been provided, subject to report to the relevant Board of Study.

CHANGES TO REGISTRATION STATUS

Transfer of Registration

73. On the recommendation of the relevant Head of Department (or their nominee), the Board of Study may approve transfer of a student's registration between:
 - a. Masters degree; or
 - b. Postgraduate Diploma; or
 - c. Postgraduate Certificateas appropriate, subject to a related programme being available.
74. The Board of Study shall determine what recognition towards the fulfilment of the requirements may be given to the period that the student has completed.
75. Where a student on the degree of Master or Postgraduate Diploma has satisfied the Board of Examiners but requests transfer to the Postgraduate Diploma or Postgraduate Certificate, the Board of Study, acting on behalf of Senate and in accordance with the recommendation of the Head of Department or Programme Director or Board of Examiners, may:
 - a. permit registration to be transferred to Postgraduate Diploma or Postgraduate Certificate programme by instruction (as appropriate), subject to a related programme being available; or
 - b. recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate).
76. Where a student has failed to satisfy the Board of Examiners, the Board of Study, acting on behalf of Senate and in accordance with the recommendation of the Board of Examiners, may:
 - a. require that registration be transferred to Postgraduate Diploma or Postgraduate Certificate programme by instruction (as appropriate), subject to a related programme being available; or
 - b. suspend a student from attendance at modules but require them to undertake assessments until the required number of credits and necessary passes have been obtained to allow the student to proceed to the next stage/year of the programme; or
 - c. recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate); or

- d. terminate the student's registration and require the student to withdraw.
- 77. On the recommendation of the relevant Head of Department (or their nominee), the Board of Study may approve transfer of a student's registration between levels of awards (MSc, PGDip & PGCert), subject to a related programme being available. The Board of Study shall determine what recognition towards the fulfilment of the requirements may be given to the period that the student has completed.

Suspension

- 78. On the recommendation of the relevant Head of Department (or their nominee), the relevant Vice Dean Academic (or nominee) may permit a student to undertake [Voluntary Suspension](#) for the whole or part of an academic year.
- 79. On the recommendation of the relevant Head of Department (or their nominee), the relevant Vice Dean (Academic) or nominee may determine that a student undertakes a period of Academic Suspension.
- 80. Both Voluntary Suspension and Academic Suspension have implications for visa holding students.

Registration with Attendance

- 81. Registration with Attendance may be an option for students who are required to spend the session in Academic Suspension. If their application is successful, they are permitted to attend their failed classes on a part-basis while remaining on a full-time programme.

Reattend

- 82. In exceptional circumstances, a Reattend decision permits a student to repeat their year of study where the student has not gained sufficient credits to progress to the next stage of the programme or qualify for the aimed award and must reattend the same year of the programme next session.

Student Misconduct

- 83. The [Student Discipline Procedures](#) seek to ensure that any instances of misconduct (both academic and behavioural) are dealt with fairly and promptly by those with clear authority from the University. The Procedures apply to students who are subject to the discipline of the University as prescribed in the [University Ordinances 5.2](#). A student may be required to withdraw from a programme as a consequence of misconduct. This decision would be taken by a Senate Discipline Committee on behalf of Senate.

Unprofessional Conduct

- 84. A student may be required to withdraw from a programme as a consequence of [unprofessional conduct](#). Such a decision would be taken by a [Fitness to Practise](#) hearing on behalf of Senate.

Withdrawal

- 85. A student who is reported to the relevant Board of Study for persistent non-engagement, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the programme.

86. Prior to the next scheduled meeting of a Board of Study, the Vice Dean (Academic) or nominee of the relevant Faculty may authorise the termination of a student's registration and require that student to withdraw from their programme where that student has been reported for persistent non-attendance at modules or failure to engage with programme requirements. Such a termination of a student's registration may only be undertaken where:
- a. a significant and persistent failure to attend or engage with programme requirements has been confirmed by the appropriate Department or Programme; and
 - b. the student has been offered appropriate opportunities to redeem their position, including the offer of support in cases of significant personal difficulties as outlined in sections 1.10 and 1.11 of the [Personal Circumstances and Academic Appeals Procedure](#).
87. The Vice Dean (Academic) or nominee will report such a decision to the next scheduled meeting of a Board of Study.
88. Students subject to immigration control are required to hold appropriate permission to stay in the United Kingdom permitting them to study. Where a student does not hold such permission, their registration may be terminated by the Director of Student Experience (or nominee), resulting in a withdrawal.

Transfer to Part-time

89. On the recommendation of the relevant Head of Department (or their nominee), a student may transfer to part-time study, subject to this mode of study being available.

OUTCOMES

Board of Examiners

90. The [Board of Examiners](#) shall consist of not less than four persons, including an External Examiner and academic staff responsible for the conduct of the course. It shall normally be convened by the Programme Director or Head of Department.
91. The Board of Examiners, acting on behalf of Senate, shall ratify one of the following:
- a. award of the appropriate degree, diploma or certificate with distinction; or
 - b. award of the appropriate degree, diploma or certificate with merit; or
 - c. award of the appropriate degree, diploma or certificate; or
 - d. progress to subsequent stages of the programme; or
 - e. withholding of the award of the degree or other qualification pending further study or submission/resubmission of assignments.

Award

92. A student who satisfies the conditions of the [Ordinances](#) governing the award of postgraduate degrees, diplomas and certificates and of the general and programme regulations will, on payment of the required fees, be entitled to receive the appropriate award.

93. To qualify for the award of the degree, a student must have achieved the credit requirements specified in the postgraduate taught credit structure (see paragraph 51) and those of the curriculum as specified in the Programme Regulations. The graduate shall receive a degree parchment setting forth the programme of study in which the degree has been granted and, if appropriate, the classification in which the graduate has been placed.
94. A student on a programme which has multiple exit points (e.g. Postgraduate Certificate, Postgraduate Diploma and degree of Master) may only retain one of the possible awards.
95. Where a programme of study is undertaken on a part-time basis over a period of more than three years, Senate may approve interim awards that may be retained provided that such awards relate to separately named programmes governed by distinct programme regulations.

Classification

96. The Board of Examiners, acting on behalf of Senate, shall ratify one of the following:
 - a. award of the appropriate degree, diploma or certificate with distinction; or
 - b. award of the appropriate degree, diploma or certificate with merit; or
 - c. award of the appropriate degree, diploma or certificate; or
 - d. progress to subsequent stages of the programme; or
 - e. withholding of the award of the degree or other qualification pending further study or submission/resubmission of assignments; or
 - f. transfer or termination of registration.
97. In reaching their decision, Boards of Examiners shall have regard to a student's performance against the following criteria for an Award (Aimed, Alternative or Exit Award):
 - a. an award 'with Merit' shall be granted where a student has achieved a credit-weighted average, rounded to the nearest integer, of 60 - 69%,
 - b. an award 'with Distinction' shall be granted where a student has achieved a credit-weighted average, rounded to the nearest integer, of 70 – 100%,
 - c. credit weighted average will be calculated on a minimum of 60 credits using any modules:
 - i. passed at first attempt or by compensation, and
 - ii. with a numerical mark (not pass/fail).

Table 3

Classification	Credit Weighted Average Mark
Distinction	70 -100
Merit	60 – 69
Non-Classified	50 – 59

Non-Classified Or For some programmes the award will be dependent on the professional requirements for a particular subject area. Further information is available from the relevant Faculty/Department.	49 and below

98. The Board of Examiners may require a Masters student who has failed to gain a credit weighted average of 50 or above to be transferred to the degree of Postgraduate Diploma. Where a transfer is made, the student may be granted exemption either in whole or in part from the assessments required for that degree. The exemption will only be granted when, in the opinion of the Board of Examiners, evidence of sufficient attainment has been provided. Further information is available from the relevant Faculty/Department.

Appeals

99. The following Appeals Regulations should be read in conjunction with the University's [Personal Circumstances and Academic Appeals Procedure](#).
100. A student who has been:
- a. required to transfer registration; or
 - b. suspended from attendance at modules; or
 - c. withdrawn
- may appeal to the relevant Board of Study for reconsideration of the case.
101. A student may appeal to the relevant Board of Study for reconsideration of a decision. Such an appeal must be submitted - and the outcome of any such appeal must be decided upon - before the student's award is confirmed.
102. The grounds for appeals may be any of the following:
- a. that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
 - b. that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
 - c. that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.
103. An appeal shall be lodged in writing with the relevant Faculty Office no later than a date specified by the Board of Study and notified in the letter informing the student of the transfer of registration or suspension or requirement to withdraw or confirmation of an award.

104. The appeal shall be supported by appropriate documentary evidence not previously available.
105. A student has an ultimate right of appeal to the Senate normally following an unsuccessful appeal to the relevant Board of Study. Such an appeal shall be lodged in writing with the Senate Appeals Committee within six weeks of the date on the Faculty Appeal outcome letter and shall be supported by all the appropriate documentary evidence.
106. The student will have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Making a Complaint

107. A complaint is any expression of dissatisfaction about an action or lack of action by the University or about the standard of service provided by us or on our behalf. Complaints can provide valuable feedback and influence the enhancement of university services. The University records all complaints and uses them to identify improvements. Please refer to the University's [Complaint's procedures](#).

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ADVANCED ARCHITECTURAL DESIGN

Master of Architecture in Advanced Architectural Design
Postgraduate Diploma in Advanced Architectural Design
Postgraduate Certificate in Advanced Architectural Design
Graduate Diploma in Advanced Architectural Design

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, normally at 2.2 or equivalent.; or
 - ii. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, and a period of relevant professional practice experience.
 - iii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to the above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Graduate Diploma no fewer than 120 credits from the first year of the programme.
 - ii. for the Postgraduate Certificate no fewer than 60 credits from the second year of the programme.
 - iii. for the Postgraduate Diploma no fewer than 120 credits from the second year of the programme.
 - iv. for the degree of MArch no fewer than 180 credits including project 22900 from the second year of the programme.

First Year - All students shall follow an approved curriculum amounting to no fewer than 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
AB418	Design Studies 4A	4	20

AB419	Design Studies 4B	4	40
AB427	Architecture and the City	4	40
AB421	Special Study Project 4	4	20

Second Year - Students shall follow an approved curriculum amounting to no fewer than 120 credits chosen as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
AB964	Design Studies 5A	5	20
AB965	Design Studies 5B	5	40
AB966	Special Study Project 5	5	20
AB967	Cultural Studies 5	5	20
AB968	Professional Studies	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students for the degree of MArch only:

Module Code	Module Title	Level	Credits
22900	Project	5	60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- In order to progress to the second year of the programme, a student must have accumulated at least 120 credits including all the first year compulsory modules.
- In addition, a student must have achieved a level of performance that is acceptable to the Programme Leader and as detailed in the Programme Handbook.
- The final award will be based on performance in the first attempt examinations, coursework and the Project where undertaken.

Award

- Degree of MArch:** In order to qualify for the award of the degree of MArch in Advanced Architectural Design, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the second year curriculum, of which 60 must have been awarded in respect of the Project 22900.

11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Architectural Design, a candidate must have accumulated no fewer than 120 credits from the second year taught curriculum, including all the second year compulsory modules.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Architectural Design, a candidate must have accumulated no fewer than 60 credits from the second taught year curriculum.
13. **Graduate Diploma:** In order to qualify for the award of the Graduate Diploma in Advanced Architectural Design, a candidate must have accumulated no fewer 120 credits from the first year curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ARCHITECTURAL DESIGN FOR THE CONSERVATION OF BUILT HERITAGE

Master of Science in Architectural Design for the Conservation of Built Heritage
Postgraduate Diploma in Architectural Design for the Conservation of Built Heritage
Postgraduate Certificate in Architectural Design for the Conservation of Built Heritage

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Architecture or a discipline related to the built environment of a university in the United Kingdom; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to the above.
2. Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programmes are available by full-time and part-time study.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the list below
 - ii. for the Postgraduate Diploma no fewer than 120 credits including those for all modules in the list below
 - iii. for the degree of MSc no fewer than 180 credits including those for all modules in the lists below, and a dissertation project

Compulsory Modules

Module Code	Module Title	Level	Credits
AB978	Theory of Conservation	5	10
AB979	Architectural and Construction History	5	10
AB980	Legislation and Regulations	5	10
AB981	Survey, Preliminary Studies and Investigations in Architectural Heritage	5	10

AB982	Materials and Decay	5	10
AB983	Conservation Design Project	5	40
AB984	Structural repairs and strengthening	5	10
AB985	Conservation Materials Technology	5	10
Students for the MSc only:			
AB986	Dissertation Project	5	60

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
AB936	Urban Design History	5	10
AB975	Sustainability	5	10
AB991	Building Information Management	5	10

Students may undertake other optional modules, totalling no more than 10 credits, subject to the approval of the Programme Director.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework and the Dissertation Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Architectural Design for the Conservation of Built Heritage, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits including all the taught compulsory modules, of which 60 must have been awarded in respect of the Dissertation Project AB986.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Architectural Design for the Conservation of Built Heritage, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, including all the taught compulsory modules.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Architectural Design for the Conservation of Built Heritage, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught compulsory modules.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ARCHITECTURAL DESIGN (INTERNATIONAL)

Master of Architecture in Architectural Design (International)
Postgraduate Diploma in Architectural Design (International)
Postgraduate Certificate in Architectural Design (International)
Graduate Diploma in Architectural Design (International)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, normally at 2.2 or equivalent.; or
 - ii. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, and a period of relevant professional practice experience.
 - iii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to the above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
3. All applicants will be expected to submit a portfolio to the satisfaction of the Programme Leader and may be invited to interview.

Duration of Study

4. A minimum period of study of 24 months and a maximum period of study of 48 months shall apply.

Mode of Study

5. The programme is available by full-time study only.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Graduate Diploma no fewer than 120 credits from the first year of the programme.
 - ii. for the Postgraduate Certificate no fewer than 60 credits from the second year of the programme.
 - iii. for the Postgraduate Diploma no fewer than 120 credits from the second year of the programme.
 - iv. for the degree of MArch no fewer than 180 credits including project 22900, from the second year of the programme.

First Year - All students shall follow an approved curriculum amounting to no fewer than 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
AB418	Design Studies 4A	4	20
AB419	Design Studies 4B	4	40
AB427	Architecture and the City	4	40
AB421	Special Study Project 4	4	20

Second Year - Students shall follow an approved curriculum amounting to no fewer than 120 credits chosen as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
AB964	Design Studies 5A	5	20
AB965	Design Studies 5B	5	40
AB966	Special Study Project 5	5	20
AB967	Cultural Studies 5	5	20
AB968	Professional Studies 5	5	20
For the degree of MArch only:			
22900	Project	5	60

Exceptionally, such other modules totalling no more than 20-credits, as approved by the Programme Leader.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- In order to progress to the second year of the programme, a student must normally have accumulated at least 120 credits including all the first year compulsory modules.
- In addition, a student must have achieved a level of performance that is acceptable to the Programme Leader and as detailed in the Programme Handbook.
- The final award will be based on performance in the first attempt examinations, coursework and Project where undertaken.

Award

- Degree of MArch:** In order to qualify for the award of the degree of MArch in Architectural Design (International), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the second year curriculum, of which 60 must have been awarded in respect of the Project 22900.

12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Architectural Design (International), a candidate must normally have accumulated no fewer than 120 credits from the second year taught curriculum, including all the second year compulsory modules.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Architectural Design (International) a candidate must normally have accumulated no fewer than 60 credits from the second year taught curriculum.
14. **Graduate Diploma:** In order to qualify for the award of the Graduate Diploma in Architectural Design (International) a candidate must normally have accumulated no fewer 120 credits from the first year curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

MSc Sustainability Innovation Leadership

Master of Science in Sustainability Innovation Leadership
Postgraduate Diploma in Sustainability Innovation Leadership
Postgraduate Certificate in Sustainability Innovation Leadership

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in engineering, architecture, business, management, environmental science or a closely related subject); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. See the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Mode of study

4. The programme is available by full-time study.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits.
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the degree of MSc no fewer than 180 credits including a 60 credit research project

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1976	Social Entrepreneurship	5	10
Z1961	Strategic Innovation Management	5	10
Z1981	Social Impact Strategy Lab	5	10
CL994	Circular Economy and Transformations Towards Sustainability	5	10

ABXX5	Ways of knowing and Interdisciplinary methods for Research	5	10
CL946	Global Water Policy	5	10
ABXX4	Generational Adaptation and Resilience	5	20
ABXX2	Energy Flows and Planetary Health	5	10
ABXX3	Design Modes and Communication	5	20
Students for the degree of MSc only:			
ABXX6	Incubator Thesis Project	5	60

Optional Modules

Students must choose no fewer than 10 credits of optional modules from the list below:

Module Code	Module Title	Level	Credits
EV939	Environmental Impact Assessment	5	10
AB975	Sustainability	5	10

Not all optional modules on this list will be available in each academic year and are subject to review.

Progress

- See [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).
- The final award will be based on the student's performance in all assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Sustainability Innovation Leadership, a student must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of Project Module – ABXX6 Incubator Thesis Project.
- Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Sustainability Innovation Leadership, a student must have accumulated no fewer than 120 credits from the taught curriculum.
- Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Sustainability Innovation Leadership, a student must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

URBAN DESIGN

Master of Science in Urban Design
Postgraduate Diploma in Urban Design
Postgraduate Certificate in Urban Design

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Architecture or a discipline related to the built environment of a university in the United Kingdom; or
 - ii. a qualification deemed by the head of Department acting on behalf of Senate to be equivalent to the above.
2. Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programmes are available by full-time and part-time study.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits, including all compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits, including AB947 Dissertation Project

Compulsory Modules

Module Code	Module Title	Level	Credits
AB931	Urban Design Studio 1a: Analysis	5	10
AB932	Urban Design Studio 1b: Programme	5	10
AB973	Urban Design Studio 2: Framework and Coding	5	20
AB974	Urban Design Studio 3: Masterplanning	5	20
AB936	Urban Design History	5	10

AB939	Urban Theory	5	10
AB971	Urban Design Representation	5	10
AB975	Sustainability	5	10
Students for the degree of MSc only:			
AB947	Dissertation Project	5	60

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
EF931	Project Management	5	10
AB980	Legislation and Regulations	5	10
AB935	Urban Landscape Design	5	10
EV939	Environmental Impact Assessment	5	10
CL961	Geographical Information Systems	5	10

Not all optional modules on this list will be available in each academic year

Exceptionally, such other modules as approved by the Programme Leader.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and AB947, the Dissertation Project, where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Urban Design, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation Project AB947.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Urban Design, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Urban Design, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOFLUID MECHANICS

Master of Science in Biofluid Mechanics
Postgraduate Diploma in Biofluid Mechanics
Postgraduate Certificate in Biofluid Mechanics

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project
5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) and at the discretion of the Programme Leader, exemption from part of the programme may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Modules

Module Code	Module Title	Level	Credits
BE915	Medical Science for Engineering	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE926	Biofluid Mechanics	5	20
BE927	Industrial Software	5	20
Students for the MSc in Biofluid Mechanics only:			
BE907	Project	5	60

Optional Modules

MSc in Biofluid Mechanics

No fewer than 40 credits from:

Module Code	Module Title	Level	Credits
BE923	Haemodynamics for Engineers	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE903	Cardiovascular Devices	5	10
BE920	The Medical Device Regulatory Process	5	10
BE500	Entrepreneurship & Commercialization in Biomedical Engineering	5	10
BE916	Introduction to Biomechanics	5	10
MM506	Finite Element Methods for Boundary Value Problems and Approximation	5	20
MM508	Mathematical Biology and Marine Population Modelling	5	20
EF927	Design Management	5	10
EF932	Risk Management	5	10

Students for the Postgraduate Diploma only in addition will have the optional module:

Module Code	Module Title	Level	Credits
BE914	Biomedical Engineering Dissertation	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Biofluid Mechanics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits including those for all the compulsory modules within the curriculum and the Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Biofluid Mechanics, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biofluid Mechanics, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

Master of Science in Biomedical Engineering

Master of Science in Biomedical Engineering with Biomechanics

Master of Science in Biomedical Engineering with Cell and Tissue Engineering

Postgraduate Diploma in Biomedical Engineering

Postgraduate Certificate in Biomedical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project
5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) and at the discretion of the Programme Leader, exemption from part of the programme may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Modules

Module Code	Module Title	Level	Credits
Either			
BE911	Engineering Science	5	20
Or			
BE915	Medical Science for Engineering	5	20
Plus			

BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE909	Biomedical Electronics	5	10
BE908	Biomedical Instrumentation	5	10
Students for the degree of MSc only will undertake:			
BE907	Project	5	60

For the degree of MSc in Biomedical Engineering with Biomechanics:

Module Code	Module Title	Level	Credits
BE902	Prosthetics and Orthotics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE916	Introduction to Biomechanics	5	10

No fewer than 30 credits from the list of optional modules.

For the degree of MSc in Biomedical Engineering with Cell and Tissue Engineering:

Module Code	Module Title	Level	Credits
BE900	Tissue Mechanics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE906	Biomaterials and Biocompatibility	5	10

No fewer than 30 credits from the list of optional modules.

For the degree of MSc in Biomedical Engineering:

No fewer than 60 credits from the list of optional modules.

Optional Modules

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE904	Clinical and Sports Biomechanics	5	10

BE900	Tissue Mechanics	5	10
BE906	Biomaterials and Biocompatibility	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE903	Cardiovascular Devices	5	10
BE902	Prosthetics and Orthotics	5	10
BE905	Biosignal Processing and Analysis	5	10
BE912	Anatomy & Physiology	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10
BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE928	Rehabilitation Technology	5	10

Students for the **Postgraduate Diploma only** in addition will have the optional module:

Module Code	Module Title	Level	Credits
BE914	Biomedical Engineering Dissertation	5	20

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits including those for all the compulsory modules within the curriculum and the Project BE907.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Biomedical Engineering, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biomedical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL DEVICES

Master of Science in Medical Devices
Postgraduate Diploma in Medical Devices
Postgraduate Certificate in Medical Devices

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits of which no fewer than 20 shall be derived from a dissertation
 - iii. for the degree of MSc no fewer than 180 credits including a project
5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) and at the discretion of the Programme Leader, exemption from part of the programme may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Modules

Module Code	Module Title	Level	Credits
BE915	Medical Science for Engineering	5	20
MP931	Generic Biomedical and Pharmaceutical Research Skills	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE909	Biomedical Electronics	5	10
MP959	Advanced Techniques in Biomedical Research	5	10

BE920	The Medical Device Regulatory Process	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
BE910	EngD/MSc Medical Devices Project	5	20
BE908	Biomedical Instrumentation	5	10

No fewer than 60 credits from the list of optional modules.

Students for the Postgraduate Diploma only:

Module Code	Module Title	Level	Credits
BE914	PGDip Medical Devices Dissertation	5	20

No fewer than 10 credits from the list of optional modules.

Optional Modules

Module Code	Module Title	Level	Credits
BM918	Clinical Biochemistry	5	10
BE916	Introduction to Biomechanics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE900	Tissue Mechanics	5	10
BE906	Biomaterials and Biocompatibility	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE903	Cardiovascular Devices	5	10
BE902	Prosthetics and Orthotics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10

BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE928	Rehabilitation Technology	5	10
MP941	Advanced Techniques in Biochemistry	5	10
MP946	Advanced Techniques in Molecular Biology	5	10

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Medical Devices, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 20 must have been awarded in respect of the Project BE910.
9. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Medical Devices, a candidate must have accumulated no fewer than 120 credits of which 20 must have been awarded in respect of the Dissertation.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Medical Devices, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL TECHNOLOGY

Postgraduate Certificate in Medical Technology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time on-line study.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE920	The Medical Device Regulatory Process	5	10
Either			
BE911	Engineering Science	5	20
Or			
BE915	Medical Science for Engineering	5	20
Dependent on the academic background of the student and chosen after consultation with the Programme Leader.			

Optional Modules

No fewer than 10 credits from the list below:

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE902	Prosthetics and Orthotics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE900	Tissue Mechanics	5	10
BE909	Biomedical Electronics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE906	Biomaterials and biocompatibility	5	10
BE903	Cardiovascular Devices	5	10
BE908	Biomedical Instrumentation	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10
BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE928	Rehabilitation Technology	5	10

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)

6. The final award will be based on performance in the examinations and the coursework.

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Medical Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits, of which 50 must have been awarded in respect of the compulsory modules.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

ORTHOTICS REHABILITATION STUDIES

Master of Science in Orthotics Rehabilitation Studies
Postgraduate Diploma in Orthotics Rehabilitation Studies
Postgraduate Certificate in Orthotics Rehabilitation Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#). Students must be qualified professional orthotists.

Mode of Study

2. The programmes are available by distance-learning only.

Curriculum

3. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including the compulsory taught modules
 - iii. for the degree of MSc no fewer than 180 credits including a project 94900.

Compulsory Modules

Module Code	Module Title	Level	Credits
94938	Research Methodology	5	20
94915	Data Analysis	5	20
94935	Advanced Orthotic Science	5	20
94930	Lower Limb Orthotic Biomechanics	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
94900	Project	5	60

Optional Modules

No fewer than 40 credits chosen from the list below:

Module Code	Module Title	Level	Credits
94927	Clinical Governance	5	20

94928	Introductory Biomechanics	5	20
94929	Lower Limb Prosthetic Biomechanics	5	20
94936	Clinical Gait Analysis	5	20
BE942	The Holistic Management of Foot and Ankle Musculoskeletal (MSK) Conditions	5	20
BE943	Management of Diabetic Foot Disease	5	20

Exceptionally, such other Level 5 modules (totalling no more than 20 credits) as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Orthotics Rehabilitation Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the appropriate programme curriculum, of which 60 must have been awarded in respect of the Project 94900.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Orthotics Rehabilitation Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Orthotics Rehabilitation Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS AND ORTHOTICS REHABILITATION STUDIES

Master of Science in Prosthetics and Orthotics Rehabilitation Studies
Postgraduate Diploma in Prosthetics and Orthotics Rehabilitation Studies
Postgraduate Certificate in Prosthetics and Orthotics Rehabilitation Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Students must be qualified professional prosthetists and orthotists.

Mode of Study

3. The programmes are available by distance-learning only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including the compulsory taught modules
 - iii. for the degree of MSc no fewer than 180 credits including a project, 94900.

Compulsory Modules

Module Code	Module Title	Level	Credits
94938	Research Methodology	5	20
94939	Data Analysis	5	20
94937	Advanced Prosthetic Science	5	20
94935	Advanced Orthotic Science	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
94900	Project	5	60

Optional Modules

No fewer than 40 credits chosen from the list below:

Module Code	Module Title	Level	Credits
94927	Clinical Governance	5	20
94928	Introductory Biomechanics	5	20
94929	Lower Limb Prosthetic Biomechanics	5	20
94930	Lower Limb Orthotic Biomechanics	5	20
94936	Clinical Gait Analysis	5	20
BE942	The Holistic Management of Foot and Ankle Musculoskeletal (MSK) Conditions	5	20
BE943	Management of Diabetic Foot Disease	5	20

Such other Level 5 modules as may be approved by the Programme Leader.
Not all optional modules listed in the table will be available in each year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Prosthetics and Orthotics Rehabilitation Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the appropriate programme curriculum, of which 60 must have been awarded in respect of the Project 94900.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Prosthetics and Orthotics Rehabilitation Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Prosthetics and Orthotics Rehabilitation Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS AND ORTHOTICS

Master of Science in Prosthetics and Orthotics
Postgraduate Diploma in Prosthetics and Orthotics
Postgraduate Certificate in Prosthetics and Orthotics

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. The candidates should also have an International Category 1 degree award of equivalent in Prosthetics and Orthotics and be eligible for state registration as a prosthetist/orthotist.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project
6. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) and at the discretion of the Programme Leader, exemption from part of the programme may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Modules

Module Code	Module Title	Level	Credits
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE921	Disability and Societal Effects	5	20
Either			
BE911	Engineering Science	5	20
Or			

BE915	Medical Science for Engineering	5	20
Students for the degree of MSc only in addition will undertake:			
BEXXX	Prosthetic and Orthotic Masters Project	5	60

Optional Modules

Optional List A - No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
BE929	Orthotic Management of Neurological Condition B	5	20
BE930	Orthotic Management of Diabetic Foot B	5	20
BE931	Hip, Knee and Ankle Disarticulation B	5	20
BE932	Clinical Governance B	5	20
BE933	Orthotic Management of Spinal Deformity B	5	20
BE934	Clinical Gait Analysis	5	20
BE935	Upper Limb Prosthetics B	5	20
BE936	Lower Limb Prosthetic Design B	5	20
BE937	Paediatric Lower Limb Prosthetics B	5	20

Optional List B - No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE900	Tissue Mechanics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE906	Biomaterials and Biocompatibility	5	10
BE903	Cardiovascular Devices	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10

BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE928	Rehabilitation Technology	5	10
Students for the Postgraduate Diploma only in addition will have the optional module:			
BE922	PGDip Prosthetic and Orthotic Dissertation	5	20

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. The final award will be based on performance in the examinations, coursework and the Project where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Prosthetics and/or Orthotics, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits including those for all the compulsory modules within the curriculum and the Project 94500.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Prosthetics and/or Orthotics, a candidate must normally have accumulated no fewer than 120 credits.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Prosthetics and Orthotics, a candidate must normally have accumulated no fewer than 60 credits from the taught modules of the programme of which 40 must have been awarded from the list of compulsory and optional List A modules.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS REHABILITATION STUDIES

Master of Science in Prosthetics Rehabilitation Studies
Postgraduate Diploma in Prosthetics Rehabilitation Studies
Postgraduate Certificate in Prosthetics Rehabilitation Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Students must be qualified professional prosthetists.

Mode of Study

3. The programmes are available by distance-learning only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including the compulsory taught modules
 - iii. for the degree of MSc no fewer than 180 credits including a project – 94900.

Compulsory Modules

Module Code	Module Title	Level	Credits
94938	Research Methodology	5	20
94939	Data Analysis	5	20
94937	Advanced Prosthetic Science	5	20
94929	Lower Limb Prosthetic Biomechanics	5	20

Students of the degree of MSc only:

Module Code	Module Title	Level	Credits
94900	Project	5	60

Optional Modules

No fewer than 40 credits chosen from the list below:

Module Code	Module Title	Level	Credits
94927	Clinical Governance	5	20
94928	Introductory Biomechanics	5	20
94930	Lower Limb Orthotic Biomechanics	5	20
94936	Clinical Gait Analysis	5	20
BE942	The Holistic Management of Foot and Ankle Musculoskeletal (MSK) Conditions	5	20
BE943	Management of Diabetic Foot Disease	5	20

Such other Level 5 modules as may be approved by the Programme Leader.
Not all optional modules listed in this table will be available each year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Prosthetics Rehabilitation Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the appropriate programme curriculum, of which 60 must have been awarded in respect of Project 94900.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Prosthetics Rehabilitation Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Prosthetics Rehabilitation Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

REHABILITATION STUDIES

Master of Science in Rehabilitation Studies
Postgraduate Diploma in Rehabilitation Studies
Postgraduate Certificate in Rehabilitation Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. The normal duration of study will be:
 - i. for the degree of MSc - 36 months
 - ii. for the Postgraduate Diploma – 24 months
 - iii. for the Postgraduate Certificate – 12 months

Mode of Study

3. The programmes are available by distance-learning only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
94938	Research Methodology	5	20
94939	Data Analysis	5	20
Students for the degree of MSc only:			
94900	Project	5	60

Optional Modules

No fewer than 80 credits chosen from the list below:

Module Code	Module Title	Level	Credits
94904	Orthotic Studies	5	20

94905	Prosthetic Studies	5	20
94927	Clinical Governance	5	20
94928	Introductory Biomechanics	5	20
94929	Lower Limb Prosthetic Biomechanics	5	20
94930	Lower Limb Orthotic Biomechanics	5	20
94936	Clinical Gait Analysis	5	20
BE944	Introduction to the Management of Diabetic Foot Disease	5	20

Such other Level 5 modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Rehabilitation Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the appropriate programme curriculum, of which 60 must have been awarded in respect of the Project 94900.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Rehabilitation Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Rehabilitation Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

VISION IMPAIRMENT REHABILITATION

Postgraduate Diploma in Vision Impairment Rehabilitation (Specialist)
Postgraduate Certificate in Vision Impairment Rehabilitation (Assistant)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants:
 - i. shall possess an Honours degree (or non-UK equivalent) from an approved university; or
 - ii. without formal higher education qualifications, must have professional experience within a health and social care profession, normally for a minimum of three years at the point of entry, with a Higher in English or equivalent qualification. Qualifications such as an SVQ 3 or an HNC in Health and Social Care would also be considered.
 - iii. In exceptional circumstances, applicants without appropriate qualifications may be admitted on evidence that they can demonstrate their ability to work at postgraduate level.
2. Applicants will normally be required to attend an interview with representatives from Visibility Scotland, or Sight Scotland, and the University of Strathclyde as part of the selection process. The University of Strathclyde will determine admission to the programme.

Duration of Study

3. See the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by part-time study.

Place of Study

5. The programmes are available by distance-learning only. There will be no University of Strathclyde campus attendance, however there will be attendance required at an assessment centre for some assessments.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including the compulsory taught modules
7. **First Year** - All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BE947	Introduction to Vision Impairment	5	20
BE946	Assessment and Research Methodology	5	20
BE948	Independent Living Skills and Communication Tools	5	20

8. Second Year - All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BEXXX	Low Vision & No Vision Strategies	5	10
BEXXX	Orientation and Mobility	5	20
BEXXX	Vision Rehabilitation Specialist Placement	5	20
BEXXX	Travel, Transport and Technology	5	10

Examination, Progress and Final Assessment

9. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
10. In order to progress to the second year of the programme, students must normally have passed all of the Year 1 compulsory modules.
11. The final award will be based on performance in the examinations and coursework undertaken.

Award

12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen programme, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen programme, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

ADVANCED CHEMICAL ENGINEERING

Master of Science in Advanced Chemical Engineering
Postgraduate Diploma in Advanced Chemical Engineering
Postgraduate Certificate in Advanced Chemical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits as detailed below
 - ii. for the Postgraduate Diploma – no fewer than 120 credits as detailed below
 - iii. for the degree of MSc - no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
CP974	Advanced Process Design	5	20
CP967	Project Scoping	5	20
Students for the degree of MSc only:			
CP949	Individual Project	5	60

Optional Modules

Students must choose no fewer than 80 credits of optional modules with a minimum of 50 credits from List A and a minimum of 10 credits from List B.

List A

Module Code	Module Title	Level	Credits
CP523	Molecular Simulation in Chemical Eng	5	10
CP527	Petroleum Engineering	5	10
CP529	Programming and Optimisation	5	10
CP533	Clean Combustion Technologies	5	10
CP537	Electrochemical Energy Devices	5	10
CP538	Environmental Engineering for Solving Industrial Challenges	5	10
CP539	Advanced Process Analysis and Simulation	5	10
CP541	Introduction to Hydrogen Engineering	5	10
CP542	Advanced Process Safety	5	10
CP917	Process Design Principles	5	10

List B

Module Code	Module Title	Level	Credits
CL966	Materials and Microstructures	5	10
EF929	Financial Engineering	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EF945	Knowledge and Information Management for Engineers	5	10
EV939	Environmental Impact Assessment	5	10
SU902	Concepts and Theories of Sustainability	5	10

Exceptionally, students can undertake optional modules totalling no more than 10 credits as approved by the Programme Leader

Only students undertaking the Postgraduate Diploma can also choose the following optional module:

Module Code	Module Title	Level	Credits
CP973	PGDip Individual Project	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)

7. The final award will be based on performance in the examinations, coursework and the Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Chemical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, and 60 credits must have been awarded in respect of the Individual Project CP949.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Chemical Engineering, a candidate must have accumulated no fewer than 120 taught credits, of which 20 credits must be awarded for the Project Scoping CP967.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Chemical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

PROCESS TECHNOLOGY AND MANAGEMENT CHEMICAL TECHNOLOGY AND MANAGEMENT ADVANCED CHEMICAL AND PROCESS ENGINEERING

**Master of Science in Process Technology and Management
Postgraduate Diploma in Process Technology and Management
Postgraduate Certificate in Process Technology and Management**

**Master of Science in Chemical Technology and Management
Postgraduate Diploma in Chemical Technology and Management
Postgraduate Certificate in Chemical Technology and Management**

**Master of Science in Advanced Chemical and Process Engineering
Postgraduate Diploma in Advanced Chemical and Process Engineering
Postgraduate Certificate in Advanced Chemical and Process Engineering**

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in a relevant discipline; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above; and
 - iii. have appropriate professional experience and shall normally be employed in the appropriate industry.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The minimum duration of study is 3 years and for the maximum duration of study, the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

4. The programmes are available by part-time distance learning study only.

Curriculum

5. **MSc Process Technology and Management** students shall take all modules from the Process Technology, and Business and Management lists, plus an approved curriculum of 30 credits from the optional lists, including a minimum of 20 credits from List A.
6. **MSc Chemical Technology and Management** students shall take all modules from the compulsory Chemical Technology list, and 30 credits from the Business and Management list,

plus an approved curriculum of 40 credits from the optional lists, including a minimum of 20 credits from List A.

7. **MSc Advanced Chemical and Process Engineering** students shall take all modules from the compulsory Advanced Chemical and Process Engineering list, plus an approved curriculum (of 50 credits) chosen from the optional lists, including a minimum of 20 credits from List A, with a maximum of 20 credits drawn from the business and management list.

Compulsory Modules

Advanced Chemical and Process Engineering

Module Code	Module Title	Level	Credits
CP917	Process Design Principles	5	10
CP964	Process Analysis in Chemical Engineering	5	20
CP974	Advanced Process Design	5	20
CP975	Ethics, Sustainability and Environmental Engineering	5	20

Process Technology

Module Code	Module Title	Level	Credits
CP917	Process Design Principles	5	10
CP974	Advanced Process Design	5	20
CP964	Process Analysis in Chemical Engineering	5	20

Chemical Technology

Module Code	Module Title	Level	Credits
CP917	Process Design Principles	5	10
CP964	Process Analysis in Chemical Engineering	5	20
CP974	Advanced Process Design	5	20

Business and Management

Module Code	Module Title	Level	Credits
EF963	Finance for Engineers	5	10
CP935	IT Strategy	5	10
CP933	Project Management	5	10

CP934	Business and Technology Strategy	5	10

Students for the degree of MSc only (all streams):

Module Code	Module Title	Level	Credits
CP936	Project	5	60

Optional Modules

List A

Module Code	Module Title	Level	Credits
CP976	Advanced Process Safety	5	10
CP919	Programming and Optimisation	5	10
CP970	Molecular and Interfacial Science	5	10
CP975	Ethics, Sustainability and Environmental Engineering	5	20
CP955	Molecular simulation in chemical engineering	5	10
CP969	Clean Combustion Technologies	5	10
CP971	Petroleum Engineering	5	10
CP972	Electrochemical Energy Devices	5	10
CP964	Process Analysis in Chemical Engineering	5	20
CL996	Materials and Microstructures	5	10

List B

Module Code	Module Title	Level	Credits
CP930	Management of Technological Innovation	5	10
ME948	Hydraulics	5	10
ME950	Boiler Thermal Hydraulics	5	10
ME945	Introduction to Open Source CFD	5	10
CP974	Advanced Process Design	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

A maximum of 30 credits of modules from the compulsory lists may be substituted for modules from the optional list, provided it is evident from the student's prior education and experience, and professional development needs, that this represents a more appropriate and relevant curriculum.

This is also subject to agreement from the Programme Leader, that the alternative curriculum continues to meet the accreditation requirements.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

8. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
9. The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Process Technology and Management, or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from an approved programme curriculum, including the 60 credit project
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Process Technology and Management or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have accumulated no fewer than 120 credits from an approved programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Process Technology and Management or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have accumulated no fewer than 60 credits from an approved programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

ENERGY SYSTEMS INNOVATION

Master of Science Energy Systems Innovation

Postgraduate Diploma in Energy Systems Innovation

Postgraduate Certificate in Energy Systems Innovation

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Students will normally have been admitted in the first instance to the degree of MSc in Energy Systems Innovation.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time study only.

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits as detailed below
 - ii. for the Postgraduate Diploma – no fewer than 120 credits as detailed below
 - iii. for the degree of MSc - no fewer than 180 credits including project CP949

Compulsory Modules

Module Code	Module Title	Level	Credits
CP533	Clean Combustion Technologies	5	10
CP537	Electrochemical Energy Devices	5	10
CP541	Introduction to Hydrogen Engineering	5	10
CP967	Project Scoping	5	20
ME928	Energy Systems Analysis	5	10
DMXXX	Management of Technology and Innovation	5	10
Students for the degree of MSc only:			
CP949	Individual Project	5	60

Optional Modules

No fewer than 50 credits chosen from:

Module Code	Module Title	Level	Credits
CP527	Petroleum Engineering	5	10
CP917	Process Design Principles	5	10
CP974	Advanced Process Design	5	20
DM943	Sustainable Product Design and Manufacturing	5	10
DM994	Systems Engineering Concepts	5	10
EF929	Financial Engineering	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EV939	Environmental Impact Assessment	5	10
ME927	Energy Resources and Policy	5	10

Only students undertaking the Postgraduate Diploma can also choose the following optional module:

CP973	PGDip Individual Project	5	20

Exceptionally, other modules may be offered in lieu, as approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the Individual Project CP949.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Energy Systems Innovation, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Individual Project CP949.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Energy Systems Innovation, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Energy Systems Innovation, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING

Graduate Diploma in Civil Engineering

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).

Admission

1. Every applicant for admission to a programme of study must satisfy the General Entrance Requirements as specified in [Regulation 2](#) and any additional Programme Entrance Requirements specified by the Department(s) or School(s) and approved by the relevant Board of Study.

Duration of Study

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum of no fewer than 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CL4XX	Graduate Diploma Individual Project	4	30
CL419	Geotechnical Engineering 2	4	20
CL420	Water Engineering 2	4	20
CL418	Structural Engineering 2	4	20
CL451	Structural Dynamics	4	10

Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
CL436	Transport Planning	4	10
CL413	Solid Waste Management	4	10

CL439	Contaminated Land	4	10

Exceptionally, such other modules totalling no more than 10 credits as approved by the Programme Leader.

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Individual Project.
6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

7. **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Civil Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits from Level 4 of which 30 credits must have been awarded in respect of the Individual Project CL4XX.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING

Master of Science in Civil Engineering
Postgraduate Diploma in Civil Engineering
Postgraduate Certificate in Civil Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the Project CL980

Compulsory Modules

Module Code	Module Title	Level	Credits
EV939	Environmental Impact Assessment	5	10
CL994	Circular Economy and Transformations towards Sustainability	5	10
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
CL519	Group Design Project B	5	20

Or			
CL966	Civil Engineering Design Project B	5	20
Students for the degree of MSc only:			
CL980	Project	5	60

Optional Modules

No fewer than 70 credits chosen from:

Module Code	Module Title	Level	Credits
CL808	Sustainable Ground Improvement and Reinforcement	5	10
CL809	Advanced Structural Analysis and Sustainable Design	5	10
CL8xx	Risk Analysis in Engineering	5	10
CL904	Waste Management and Landfill Design	5	10
CL906	Site Investigation and Risk Assessment	5	10
CL810	Climatic Hazard to Earth Infrastructure	5	10
CL935	Hydrogeology	5	10
CL954	Contaminated Land	5	10
CL976	Prestressed Concrete, Composite Materials and Structural Stability	5	10
CL978	Water & Wastewater Treatment Design	5	10
EV921	Water and Environment Management	5	10
CL991	Structural Health Monitoring	5	10
CL996	Materials and Microstructures	5	10
EF929	Financial Engineering	5	10
CL946	Global Water Policy	5	10
CL961	Geographical Information Systems	5	10
CL8xx	Sustainable Transport-Energy Transitions	5	10
CL8xx	Carbon Assessment and Management in the Built Environment	5	10
CL8xx	Coastal Engineering	5	10
CL973	Independent Study in Collaboration with Industry	5	10

	Or		
CL998	Independent Research Study (Semester 1)	5	10
	Or		
CL999	Independent Research Study (Semester 2)	5	10
	For PG Diploma only		
CL802	Civil & Environmental PGDip Dissertation	5	20

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Leader.

Not all optional modules on these lists will be available in each academic year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the CL980 project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Civil Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project CL980.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Civil Engineering, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Civil Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL ENGINEERING

Master of Science in Environmental Engineering
Postgraduate Diploma in Environmental Engineering
Postgraduate Certificate in Environmental Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available full-time and part-time flexibly via on campus study or off campus (Distance Learning).

Place of Study

5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required. Study by Flexible Learning options will require off-campus arrangements of distance learning.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
CL904	Waste Management and Landfill Design	5	10
Either			

CL906	Site Investigation and Risk Assessment	5	10
Or			
CL949	Site Investigation and Risk Assessment	5	10
CL948	Principles of Environmental Microbiology	5	10
CLxxx	Environmental Geochemistry	5	10
Either			
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
Students for the degree of MSc only:			
CL980	Project	5	60

Optional Modules

No fewer than 70 credits chosen from:

Module Code	Module Title	Level	Credits
CL935	Hydrogeology	5	10
CL946	Global Water Policy	5	10
CL954	Contaminated Land	5	10
CL960	Fundamentals of Environmental Forensics	5	10
CL961	Geographical Information Systems (GIS)	5	10
CL978	Water & Wastewater Treatment Design	5	10
EF929	Financial Engineering	5	10
EV908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV921	Water and Environmental Management	5	10
CL952	Aquifer Mechanics	5	10
CL520	Engineering Challenges in Nuclear Decommissioning	5	10
CL951	Groundwater Flow Modelling	5	10
CL989	Isotope Hydrogeology	5	10

EF931	Project Management	5	10
CL913	Public Health Studies	5	10
NM969	Renewable Marine Energy Systems	5	10
Either			
CL994	Circular Economy and Transformations Towards Sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best Practice in Environmental Impact Assessment	5	10
Either			
EC928	Energy Economics	5	10
Or			
EC960	Energy Economics	5	10
Either			
CL998	Independent Research Study	5	10
Or			
CL999	Independent Research Study	5	10
Or			
CL973	Independent Study in Collaboration with Industry	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Optional modules for study by Flexible Learning are available subject to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

8. The final award will be based on performance in the examinations, coursework, the project, where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Engineering a candidate must have accumulated no fewer than 180 credits from the programme curriculum including a project CL980.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Environmental Engineering a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Engineering a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL ENTREPRENEURSHIP

Master of Science in Environmental Entrepreneurship
Postgraduate Diploma in Environmental Entrepreneurship
Postgraduate Certificate in Environmental Entrepreneurship

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university in any discipline; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available full-time and part-time flexibly via on campus study (Open Access).

Place of Study

5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
CL929	Client-Based Environmental Entrepreneurship in Practice	5	20

Z1957	Entrepreneurial Management and Leadership	5	10
	Either		
Z1931	Entrepreneurship, Innovation and Commercialisation	5	10
	Or		
Z1948	New Venture Creation, Spring School	5	10
Students for the degree of MSc only:			
CL980	Project	5	60

Optional Modules

No fewer than 70 credits chosen from:

Module Code	Module Title	Level	Credits
CL946	Global Water Policy	5	10
CL954	Contaminated Land	5	10
CL970	Environmental Pollution Management	5	10
CL971	Air Pollution, Climate Change & Human Health	5	10
CL904	Waste Management and Landfill Design	5	10
EC928	Energy Economics	5	10
CL961	Geographical Information Systems	5	10
CL973	Independent Study in Collaboration with Industry	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
EC927	Environmental Economics	5	10
EC915	Games of Strategy	5	10
EV939	Environmental Impact Assessment	5	10
ME927	Energy Resources and Policy	5	10
ME929	Electrical Power Systems	5	10
ME930	Energy Modelling and Monitoring	5	10
M9850	International Environmental Law	5	10
NM833	Marine Renewable Energy Systems	5	10
MS921	Foundations of Operational Research & Business Analysis	5	10

L2967	City Systems and Infrastructure	5	10
CL994	Circular economy and transformations towards sustainability	5	10
CL913	Public Health Studies	5	10
EF929	Financial Engineering	5	10
Z1976	Social Entrepreneurship	5	10
Z1985	Family Business Spring School	5	10
Z1961	Strategic Innovation Management	5	10
Z1945	Internationalisation and Growth	5	10
Z1987	Disruptive Technologies	5	10
Z1951	Issues and Trends	5	10

Exceptionally, such other modules totalling no more than 20 credits, as may be approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

8. The final award will be based on performance in the examinations, coursework, the project where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 180 credits from the programme curriculum including CL980.

10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 120 credits from the taught curriculum.

11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

HYDROGEOLOGY

Master of Science in Hydrogeology
Postgraduate Diploma in Hydrogeology
Postgraduate Certificate in Hydrogeology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall:
 - i. possess a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available full-time and part-time flexibly via on campus study or off campus (Distance Learning).

Place of Study

5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required. Study by Flexible Learning options will require off-campus arrangements of distance learning.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
Either			
CL906	Site Investigation and Risk Assessment	5	10
Or			
CL949	Site Investigation and Risk Assessment	5	10

Either			
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
CL935	Hydrogeology	5	10
CL946	Global Water Policy	5	10
CL952	Aquifer Mechanics	5	10
CL951	Groundwater Flow Modelling	5	10
CL954	Contaminated Land	5	10
CLxxx	Environmental Geochemistry	5	10
Students for the degree of MSc			
CL980	Project	5	60

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
CL904	Waste Management and Landfill Design	5	10
CL948	Principles of Environmental Microbiology	5	10
CL960	Fundamentals of Environmental Forensics	5	10
CL961	Geographical Information Systems (GIS)	5	10
CL973	Independent Study in Collaboration with Industry	5	10
CL987	Engineering Hydrology	5	10
CL989	Isotope Hydrology	5	10
EV921	Water and Environmental Management	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best practice in environmental impact assessment	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. The final award will be based on performance in the examinations, coursework and, the Dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Hydrogeology a candidate must have accumulated no fewer than 180 credits from the programme curriculum and a 60 credits dissertation CL980.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Hydrogeology a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Hydrogeology a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

SUSTAINABILITY AND ENVIRONMENTAL STUDIES

Master of Science in Sustainability and Environmental Studies
Postgraduate Diploma in Sustainability and Environmental Studies
Postgraduate Certificate in Sustainability and Environmental Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall:
 - i. possess a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university in any discipline; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available via full-time and part-time study (on campus) and flexibly via on campus modular study or on and off campus part-time Distance Learning basis.

Curriculum

5. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), all students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
Either			
CL804	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997	Research Methods for Quantitative and Qualitative Approaches	5	10
Either			

EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best practice in environmental impact assessment	5	10
Either			
CL994	Circular economy and transformations towards sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10
Students for the degree of MSc only:			
CL980	Project	5	60

Optional Modules

No fewer than 90 credits chosen from:

Module Code	Module Title	Level	Credits
CL904	Waste Management and Landfill Design	5	10
CL948	Principles of Environmental Microbiology	5	10
CL961	Geographical Information Systems	5	10
CLxxx	Environmental Geochemistry	5	10
CL913	Public Health Studies	5	10
CL960	Fundamentals of Environmental Forensics	5	10
Either			
EC928	Energy Economics	5	10
Or			
EC960	Energy Economics	5	10
EV921	Water and Environmental Management	5	10
ME927	Energy Resources and Policy	5	10
CL946	Global Water Policy	5	10
CL954	Contaminated Land	5	10
CL978	Water & Wastewater Treatment Design	5	10

Either			
CL973	Independent Study in Collaboration with Industry	5	10
Or			
CL998	Independent Research Studies	5	10
Or			
CL999	Independent Research Studies	5	10
M9850	International Environmental Law	5	10
Either			
EC927	Environmental Economics	5	10
Or			
EC959	Environmental Economics	5	10
Either			
EC915	Games of Strategy	5	10
Or			
EC958	Games of Strategy	5	10
EF929	Financial Engineering	5	10
Z1976	Social Entrepreneurship	5	10
CL935	Hydrogeology	5	10
EC961	Economics of Inequality and Inclusive Growth	5	10
EC962	Regional Development Policy	5	10
EC974	Climate Change Economics	5	10
EC978	Natural Resources, Sustainability Governance	5	10
NM969	Renewable Marine Energy Systems	5	10
DM943	Sustainable Product Design & Manufacturing	5	10
DM985	Remanufacturing	5	10
CS997	Human Information Behaviour	5	10
V1803	Organic Machines, Engineered Environments and Hybrid Nature	5	20

Either			
EC956	International Development	5	10
Or			
EC957	International Development	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Sustainability and Environmental Studies, a candidate must have accumulated no fewer than 180 credits including 60 from CL980.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sustainability and Environmental Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Sustainability and Environmental Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

ADVANCED MANUFACTURING: TECHNOLOGY AND SYSTEMS

Master of Science in Advanced Manufacturing: Technology and Systems
Postgraduate Diploma in Advanced Manufacturing: Technology and Systems
Postgraduate Certificate in Advanced Manufacturing: Technology and Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DMXXX	Management of Technology and Innovation	5	10
DM931	Postgraduate Group Project	5	40
DMXXX	Digital Manufacturing and Smart Products	5	10
DM942	Manufacturing Automation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM946	Micro- and Nano-Manufacturing	5	10
DM948	Advanced Materials and Production Technology	5	10
Students for the degree of MSc:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DMXXX	Management of Technology and Innovation	5	10
OR			
DMXXX	Management of Technology and Innovation (online)	5	10
DM931	Postgraduate Group Project	5	40
DMXXX	Digital Manufacturing and Smart Products	5	10
DM942	Manufacturing Automation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM946	Micro- and Nano-Manufacturing	5	10
DM948	Advanced Materials and Production Technology	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

And 20 credits from the list of optional modules below.

Optional Modules

Module Code	Module Title	Level	Credits
DM923	Product Modelling and Visualisation	5	10
DM927	Strategic Supply Chain Management	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM986	Mechatronic Systems Design Techniques	5	10
DM993	Systems Architectures and Design	5	10

DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken and, if required.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Manufacturing: Technology and Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the programme curriculum, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Manufacturing: Technology and Systems, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Manufacturing: Technology and Systems, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

DESIGN ENGINEERING

Master of Science in Design Engineering
Postgraduate Diploma in Design Engineering
Postgraduate Certificate in Design Engineering

Master of Science in Design Engineering with Sustainability
Postgraduate Diploma in Design Engineering with Sustainability
Postgraduate Certificate in Design Engineering with Sustainability

Master of Science in Design Engineering with Advanced Product Development
Postgraduate Diploma in Design Engineering with Advanced Product Development
Postgraduate Certificate in Design Engineering with Advanced Product Development

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), successful applicants shall possess:
 - i. a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of the Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time or part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules
 - iii. degree of MSc no fewer than 180 credits
6. Students will have the option to study:
 - i. Design Engineering; or
 - ii. Design Engineering with Sustainability; or
 - iii. Design Engineering with Advanced Product Development
7. Students are required to take all compulsory modules relevant to their chosen specialisation.

Compulsory Modules (All Specialisations – Full-time and Part-time Students)

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling & Visualisation	5	10
DM931	Industry Group Project	5	40
DM943	Sustainable Product Design and Manufacturing	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
EFXXX	Design Methods and Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Together with modules appropriate to the chosen specialisation:

Design Engineering (Full-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
DMXXX	Management of Technology and Innovation	5	10
DM945	Systems Thinking and Modelling	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM984	Human Centred Design	5	10
DM985	Remanufacturing	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
with a maximum of 20 credits from the following:			
DM933	Engineering Risk Management	5	10
DM948	Advanced Materials & Production Technology	5	10
DM986	Mechatronic Systems Design Techniques	5	10

Design Engineering (Part-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
DMXXX	Management of Technology and Innovation	5	10
OR			
DMXXX	Management of Technology and Innovation (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM984	Human Centred Design	5	10
DM985	Remanufacturing	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10
with a maximum of 20 credits from the following:			
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM948	Advanced Materials & Production Technology	5	10
DM986	Mechatronic Systems Design Techniques	5	10

Design Engineering with Sustainability (Full-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10
DM945	Systems Thinking and Modelling	5	10
DM985	Remanufacturing	5	10

Design Engineering with Sustainability (Part-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM985	Remanufacturing	5	10

Design Engineering with Advanced Product Development (Full-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
DM986	Mechatronic Systems Design Techniques	5	10
DM933	Engineering Risk Management	5	10
DM948	Advanced Materials & Production Technology	5	10

Design Engineering with Advanced Product Development (Part-time Students)

30 credits from:

Module Code	Module Title	Level	Credits
DM986	Mechatronic Systems Design Techniques	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM948	Advanced Materials & Production Technology	5	10

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
9. The final award will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Design Engineering, or Design Engineering with Sustainability, or Design Engineering with Advanced Product Development, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project DM932, in addition to all the compulsory modules and the relevant specialisation modules.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Design Engineering or Design Engineering with Sustainability or Design Engineering with Advanced Product Development a candidate must have accumulated no fewer than 120 credits, including all the compulsory modules and all the specialist modules from the chosen specialisation.
12. **Postgraduate Certificate in Design Engineering:** In order to qualify for the award of the Postgraduate Certificate in Design Engineering a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.
13. **Postgraduate Certificate in Design Engineering with Sustainability or Design Engineering with Advanced Product Development:** In order to qualify for the award of the Postgraduate Certificate in Design Engineering with Sustainability or Design Engineering with Advanced Product Development a candidate must have accumulated no fewer than 60 credits, with at least 10 credits from the chosen specialisation.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

ENGINEERING MANAGEMENT FOR PROCESS EXCELLENCE

Master of Science in Engineering Management for Process Excellence
Postgraduate Diploma in Engineering Management for Process Excellence
Postgraduate Certificate in Engineering Management for Process Excellence

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes is available by full-time or part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project DM932.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
DM928	Enterprise Resource Planning	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM955	Total Quality Management	5	10
DMXXX	Management of Technology and Innovation	5	10
EF931	Project Management	5	10
September-intake students will undertake:			
DM931	Postgraduate Group Project	5	40
January-intake students will undertake:			
DM817	Postgraduate Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM926	Supply Chain Operations	5	10
DM928	Enterprise Resource Planning	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM955	Total Quality Management	5	10
OR			
DM809	Management of Total Quality and Continuous Improvement (online)	5	10
DMXXX	Management of Technology and Innovation	5	10
OR			
DMXXX	Management of Technology and Innovation (online)	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10
DM931	Postgraduate Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
DM932	Postgraduate Individual Project	5	60

Optional Modules (Full-time and Part-time Students)

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DMXXX	Digital Manufacturing and Smart Products	5	10
DM918	People, Organisation and Technology	5	10

OR			
DM810	People, Organisation and Leadership (online)	5	10
DM927	Strategic Supply Chain Management	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM994	Systems Engineering Concepts	5	10
MS922	Quantitative Business Analysis	5	10
MS929	Performance Measurement and Management	5	10
MS980	Business Analytics	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Students for the Postgraduate Diploma only, will have the additional optional module:

Module Code	Module Title	Level	Credits
DM815	PGDip Individual Project	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the Postgraduate Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Engineering Management for Process Excellence a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.

9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Management for Process Excellence a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

GLOBAL INNOVATION MANAGEMENT

Master of Science in Global Innovation Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

The programme is offered jointly between the University of Strathclyde and Hamburg University of Technology and the awards are made in the name of the two universities.

Students shall be subject to the programme regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.

The University of Strathclyde will be the administering University and will chair a Joint Programme Management Committee made up of the programme directors from both partner institutions. The administering University will be responsible for administering the application process, collecting and distributing fees to partners and heading the board of examiners.

Admission

1. Candidates shall possess:
 - i. a Bachelor degree or the normal equivalent, at the equivalent of 2nd class level, in an Engineering, Science or Technology subject,
 - ii. be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

3. The programme will be taught at the University of Strathclyde in the first year. At Strathclyde the programme will be taught by staff of the Faculty of Engineering, and by staff of the School of Management Sciences and Technology at Hamburg.

Nature of Study

4. The programme is available by full-time study only.

Curriculum

5. **First Year** - All students shall spend the first year at Strathclyde and undertake modules amounting to no fewer than 120 credits (60 ECTS, European Credit Transfer System) as follows:

Compulsory Modules (ECTS)

Module Code	Module Title	Level	Credits (ECTS)
DM931	Post Graduate Group Project	5	40 (20)

DM503	Global Design	5	10 (5)
DM920	Strategic Technology Management	5	10 (5)
DM926	Supply Chain Operations	5	10 (5)
DM981	Management of Innovation	5	10 (5)
EF927	Design Management	5	10 (5)

Optional Modules

No fewer than 30 credits (15 ECTS) chosen from:

Module Code	Module Title	Level	Credits (ECTS)
DM918	People, Organisation and Technology	5	10 (5)
DM923	Product Modelling and Visualisation	5	10 (5)
DM986	Mechatronic System Design Techniques	5	10 (5)
DM927	Strategic Supply Chain Management	5	10 (5)
DM928	Enterprise Resource Planning	5	10 (5)
DM933	Engineering Risk Management	5	10 (5)
DM934	Design Methods	5	10 (5)
DM935	Management of Total Quality and Continuous Improvement	5	10 (5)
DM941	Fundamentals of Lean Six Sigma	5	10 (5)
DM943	Sustainable Product Design and Manufacturing	5	10 (5)
DM944	Product Costing and Financial Management	5	10 (5)
DM945	Systems Thinking and Modelling	5	10 (5)
DM948	Advanced Materials and Production Technology	5	10 (5)
DM983	Design Form and Aesthetics	5	10 (5)
DM984	Human Centred Design	5	10 (5)

Such other modules as may be approved by the Programme Coordinator.

6. **Second Year** - Students shall spend their second year at University of Technology and undertake modules amounting to no fewer than 120 credits (60 ECTS) as follows:

Hamburg University of Technology

Module Code	Module Title	Level	Credits
DM910	Master Thesis	5	60 (30)
EX944	Product Planning	5	12 (6)
EX945	Seminar in Marketing of Innovation	5	12 (6)
EX946	Technology Management	5	12 (6)
EX964	Marketing and Communications	5	12 (6)

Optional Modules

Module Code	Module Title	Level	Credits
Either			
EX923	External Study Credits	5	12 (6)
Or			
Such other modules at Level 5 as may be approved by the Programme Director.			

Examination, Progress and Final Assessment

- Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Project for the degree award of MSc.
- In order to progress to the second year of the programme, a student must normally have accumulated at least 120 credits/ 60 ECTS from the agreed curriculum.
- Candidates who fail to satisfy the Board of Examiners in any taught module shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant module(s) at the earliest opportunity and no longer than two years after the initial attempt.
- The final award will be based on performance in the examinations, coursework, and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the joint degree of MSc in Global Innovation Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 240 credits (120 ECTS) of which 60 must have been awarded in respect of the Individual Project (thesis).

Transfer

- A candidate who fails to meet the requirements for the degree of MSc in Global Innovation Management may be transferred to the Postgraduate Diploma or Postgraduate Certificate in Global Innovation Management, to be awarded by the University of Strathclyde only.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

GLOBAL INNOVATION MANAGEMENT

Postgraduate Diploma in Global Innovation Management
Postgraduate Certificate in Global Innovation Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Students will have been admitted in the first instance to the degree of MSc in Global Innovation Management.

Nature of Study

2. The programme is available by full-time study only.

Curriculum

3. See Regulation 5, First Year Curriculum, Master of Science in Global Innovation Management.

Examination, Progress and Final Assessment

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
5. The final award will be based on performance in the examinations and coursework.

Award

6. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Innovation Management, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Global Innovation Management, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

INDUSTRIAL ENGINEERING

Master of Science in Industrial Engineering
Postgraduate Diploma in Industrial Engineering
Postgraduate Certificate in Industrial Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time or part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM927	Strategic Supply Chain Management	5	10
DM931	Postgraduate Group Project	5	40
DMXXX	Digital Manufacturing and Smart Products	5	10
DM945	Systems Thinking and Modelling	5	10
DM955	Total Quality Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
OR			
DM810	People, organisation and leadership (online)	5	10
DMXXX	Management of Technology and Innovation	5	10
OR			
DMXXX	Management of Technology and Innovation (online)	5	10
DM927	Strategic Supply Chain Management	5	10
DM931	Postgraduate Group Project	5	40
DMXXX	Digital Manufacturing and Smart Products	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM955	Total Quality Management	5	10
OR			
DM809	Management of Total Quality and Continuous improvement (online)	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DM942	Manufacturing Automation	5	10
DM943	Sustainable Product Design & Manufacturing	5	10
DM948	Advanced Materials & Production Technology	5	10

EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. The final award will be based on performance in the examinations, coursework, and the DM932 Postgraduate Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Industrial Engineering, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Industrial Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

MECHATRONICS AND AUTOMATION

Master of Science in Mechatronics and Automation
Postgraduate Diploma in Mechatronics and Automation
Postgraduate Certificate in Mechatronics and Automation

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes may be available by full-time or part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. for the degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project DM932.

Compulsory Modules

Module Code	Module Title	Level	Credits
DM923	Product Modelling and Visualisation	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM942	Manufacturing Automation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM986	Mechatronic Systems Design Techniques	5	10
September-intake students will undertake:			
DM931	Postgraduate Group Project	5	40

January-intake students will undertake:			
DM817	Postgraduate Group Project	5	40
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
EE872	Control Principles 1	5	10
EE972	Control Principles	5	20
EE992	Neural Networks and Deep Learning	5	10
DM948	Advanced Materials and Production Technology	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10
September-intake students only:			
DM937	VIP - Robotic Vehicles for Education and Research (Sem 1)	5	10

Students for the Postgraduate Diploma only, will have the additional optional module:

Module Code	Module Title	Level	Credits

DM815	PGDip Individual Project	5	20

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. The final award will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Mechatronics and Automation, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Mechatronics and Automation, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Mechatronics and Automation, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN MANUFACTURING AND ENGINEERING MANAGEMENT

POSTGRADUATE DIPLOMA – DEGREE APPRENTICESHIP POSTGRADUATE ENGINEER IN ENGINEERING MANAGEMENT

Postgraduate Diploma – Degree Apprenticeship Postgraduate Engineer in Engineering Management

Postgraduate Certificate – Degree Apprenticeship Postgraduate Engineer in Engineering Management

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).

Admission

1. Students will be admitted to the programme via employer selection and academic agreement.

Duration of Study

2. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Postgraduate Diploma by part-time study 48 months
 - ii. Postgraduate Certificate by part-time study 24 months

Mode of Study

3. The programmes are available by part-time study whilst student is in full-time employment. Learning will be delivered online.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Diploma no fewer than 120 credits,
 - ii. Postgraduate Certificate no fewer than 60 credits.

First year - All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
DM805	Engineering Risk Management	5	10
DM810	People, Organisation and Leadership	5	10
DM811	Project Management	5	10
DM812	Strategic Procurement Management	5	10
EF960	Engineering Project A	5	20

Second Year – All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
DM809	Management of Total Quality and Continuous Improvement	5	10
DMXXX	Management of Technology and Innovation (Online)	5	10
EF961	Engineering Project B	5	20

Optional Modules

20 Optional Credits from:

Module Code	Module Title	Level	Credits
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
EF963	Finance for Engineers	5	10
EO901	Principles and Advanced Applications of Non-Destructive Evaluation	5	20

Progress

4. In order to progress to the second year of the programme see [General Academic Regulations – Postgraduate Taught Degree Programme Level](#)

Award

5. **Postgraduate Diploma – Degree Apprenticeship Postgraduate Engineer in Engineering Management:** In order to qualify for the award of Postgraduate Diploma – Degree Apprenticeship Postgraduate Engineer in Engineering Management, see [General Academic Regulations – Postgraduate Taught Degree Programme Level](#)
6. **Postgraduate Certificate – Degree Apprenticeship Postgraduate Engineer in Engineering Management:** In order to qualify for the award of Postgraduate Certificate – Degree Apprenticeship Postgraduate Engineer in Engineering Management, see [General Academic Regulations – Postgraduate Taught Programme Level](#)

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

PRODUCT DESIGN

Master of Science in Product Design
Postgraduate Diploma in Product Design
Postgraduate Certificate in Product Design

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), successful applicants shall possess:
 - i. a first or second class Honours degree in a Design, Product Development, Science, Technology or Engineering subject; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of the Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time or part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling and Visualisation	5	10
DM931	Industry Group Project	5	40
DMXXX	Management of Technology and Innovation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM983	Design Form and Aesthetics	5	10

DM984	Human Centred Design	5	10
EF950	Design Methods and Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM503	Global Design	5	10
DM923	Product Modelling and Visualisation	5	10
DM931	Industry Group Project	5	40
DMXXX	Management of Technology and Innovation	5	10
DMXXX	Management of Technology and Innovation (online)	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
EFXXX	Design Methods and Management	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Optional Modules

10 Optional Credits from:

Module Code	Module Title	Level	Credits
DMXXX	Digital Manufacturing and Smart Products	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			

DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM948	Advanced Material and Production Technology	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM985	Remanufacturing	5	10
DM986	Mechatronic Systems Design Techniques	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Product Design, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Product Design, a candidate must normally have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Product Design, a candidate must normally have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

SUPPLY CHAIN MANAGEMENT PROGRAMMES

Master of Science in Supply Chain and Logistics Management
Postgraduate Diploma in Supply Chain and Logistics Management
Postgraduate Certificate in Supply Chain and Logistics Management

Master of Science in Supply Chain and Procurement Management
Postgraduate Diploma in Supply Chain and Procurement Management
Postgraduate Certificate in Supply Chain and Procurement Management

Master of Science in Supply Chain and Sustainability Management
Postgraduate Diploma in Supply Chain and Sustainability Management
Postgraduate Certificate in Supply Chain and Sustainability Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

2. The programmes are available by full-time or part-time study.

Curriculum

3. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules,
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules,
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project.
4. Students will have the option of choosing a specialism from three options: Procurement Management, Logistics Management or Sustainability Management, that will lead to the corresponding award.

Compulsory Modules (All Specialisations – Full-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
DM926	Supply Chain Operations	5	10
DM927	Strategic Supply Chain Management	5	10
DM928	Enterprise Resource Planning	5	10
MS929	Performance Measurement and Management	5	10
MS969	Advanced Project Management	5	10
MS991	Case Studies in Supply Chain Management 1	5	10

MS992	Case Studies in Supply Chain Management 2	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (All Specialisations – Part-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
OR			
DM810	People, Organisation and Leadership (online)	5	10
DM926	Supply Chain Operations	5	10
DM927	Strategic Supply Chain Management	5	10
DM928	Enterprise Resource Planning	5	10
MS929	Performance Measurement and Management	5	10
MS969	Advanced Project Management	5	10
OR			
DM811	Project Management (online)	5	10
MS970	Case Studies in Supply Chain Management	5	20
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Together with modules appropriate to the chosen specialisation:

Logistics Management Specialisation (Full-time Students)

Module Code	Module Title	Level	Credits
DM953	Lean and Green Logistics	5	10
DM955	Total Quality Management	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10

Logistics Management Specialisation (Part-time Students)

Module Code	Module Title	Level	Credits
DM953	Lean and Green Logistics	5	10

DM955	Total Quality Management	5	10
OR			
DM809	Management of Total Quality and Continuous Improvement (online)	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10

Procurement Management Specialisation (Full-time Students)

Module Code	Module Title	Level	Credits
DM991	Organisational Buying Behaviour and Structures	5	10
DM992	Strategic Procurement Management	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10

Procurement Management Specialisation (Part-time Students)

Module Code	Module Title	Level	Credits
DM991	Organisational Buying Behaviour and Structures	5	10
DM992	Strategic Procurement Management	5	10
OR			
DM812	Strategic Procurement Management & Operations (online)	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10

Sustainability Management Specialisation (Full-time Students)

Module Code	Module Title	Level	Credits
DM943	Sustainable Product Design and Manufacturing	5	10
DM945	Systems Thinking and Modelling	5	10
DM953	Lean and Green Logistics	5	10

Sustainability Management Specialisation (Full-time Students)

Module Code	Module Title	Level	Credits
DM943	Sustainable Product Design and Manufacturing	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10

DM953	Lean and Green Logistics	5	10

Optional Modules

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
DM957	Management of Technology and Innovation	5	10
OR			
DM819	Management of Technology and Innovation (online)	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction To Systems Thinking, Modelling and Optimisation (Online)	5	10
DM956	Digital Manufacturing and Smart Products	5	10
DM985	Remanufacturing	5	10
EF929	Financial Engineering	5	10
MS922	Quantitative Business Analysis	5	10
MS926	Business Simulation Methods	5	10
MS927	Risk Analysis and Management	5	10
MS980	Business Analytics	5	10

Exceptionally, such other Level 5 modules totalling no more than 10 credits, as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students are permitted to select up to 30 credits of online-delivery modules.

Students for the Postgraduate Diploma only, will have the additional optional module:

Module Code	Module Title	Level	Credits
DM815	PGDip Individual Project	5	20

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Supply Chain and Logistics Management or Supply Chain and Procurement Management or Supply Chain and Sustainability Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Individual Project DM932.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Supply Chain and Logistics Management or Supply Chain and Procurement Management or Supply Chain and Sustainability Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Supply Chain and Logistics Management or Supply Chain and Procurement Management or Supply Chain and Sustainability Management a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

SYSTEMS ENGINEERING MANAGEMENT

Master of Science in Systems Engineering Management
Postgraduate Diploma in Systems Engineering Management
Postgraduate Certificate in Systems Engineering Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), which will usually apply, suitably qualified candidates from one of the Department's approved industry partners may be admitted to this programme, provided they have appropriate industry experience and/or relevant qualifications. Applications from industry partners will be considered on a case-by-case basis and students will follow a clearly defined curriculum as outlined below.

Duration of Study

2. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Nature of Study

3. The programme is available by full-time and part time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits from the list of taught modules;
 - ii. Postgraduate Diploma no fewer than 120 credits from the list of taught modules;
 - iii. degree of MSc no fewer than 180 credits, including the Postgraduate Individual Project.

Compulsory Modules (Full-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
DM957	Management of Technology and Innovation	5	10
DM931	Postgraduate Group Project	5	40
DM933	Engineering Risk Management	5	10
DM945	Systems Thinking and Modelling	5	10
DM993	Systems Architectures & Design	5	10
DM994	Systems Engineering Concepts	5	10

Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Compulsory Modules (Part-time Students)

Module Code	Module Title	Level	Credits
DM918	People, Organisation and Technology	5	10
OR			
DM810	People, Organisation and Leadership (online)	5	10
DM957	Management of Technology and Innovation	5	10
OR			
DM819	Management of Technology and Innovation (online)	5	10
DM931	Postgraduate Group Project	5	40
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM993	Systems Architectures & Design	5	10
DM994	Systems Engineering Concepts	5	10
Students for the degree of MSc only:			
DM932	Postgraduate Individual Project	5	60

Optional Modules

All students must choose no fewer than 20 credits from the list below:

Module Code	Module Title	Level	Credits
DM923	Product Modelling and Visualisation	5	10
DM927	Strategic Supply Chain Management	5	10
DM943	Sustainable Product Design and Manufacture	5	10

DM956	Digital Manufacturing and Smart Products	5	10
EF950	Design Methods and Management	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (online)	5	10
MS926	Business Simulation Methods	5	10

Exceptionally, such other Level 5 modules totalling no more than 10 credits, as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Full-time students: permitted to select up to 20 credits of online-delivery modules (applicable to Optional modules ONLY, Compulsory modules must be undertaken on campus.)

Part-time students: permitted to select up to 30 credits of online-delivery modules (applicable to Compulsory and/or Optional modules.)

ADMISSION VIA AN APPROVED INDUSTRY PARTNER ONLY:

Compulsory Modules

Module Code	Module Title	Level	Credits
DM718	People, Organisation and Technology	5	10
OR			
DM810	People, Organisation and Leadership (online)	5	10
DM720	Strategic Technology Management	5	10
OR			
DM819	Management of Technology and Innovation (online)	5	10
DM731	Postgraduate Group Project	5	30
DM733	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (online)	5	10
DM744	Product Costing & Financial Management	5	10
DM745	Systems Thinking and Modelling	5	10
OR			

DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM7XX	Digital Thread and Twin	5	10
DM793	Systems Architectures & Design	5	10
DM794	Systems Engineering Concepts	5	10
DM7XX	Scenario Planning and Policy Analysis	5	10
Students for the degree of MSc only:			
DM732	Postgraduate Individual Project	5	60

Examination, Progress and Final Assessment

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Systems Engineering Management, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Individual Project (DM932 or DM732).
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Systems Engineering Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Systems Engineering Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

5G ADVANCED COMMUNICATIONS

Master of Science in 5G Advanced Communications
Postgraduate Diploma in 5G Advanced Communications
Postgraduate Certificate in 5G Advanced Communications

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE969	Digital Signal Processing Principles	5	20
EE986	Assignment and Professional Studies	5	20
EE970	Information Transmission and Security	5	20
EE991	5G Communications Networks	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EE990	MSc Project	5	60

Students who have previously completed any modules from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
EE987	Sensor Technologies	5	20
EE978	Advanced Digital Signal Processing	5	20
EE981	Image and Video Processing	5	20
EE980	Embedded System Design	5	20
EE985	Software Engineering	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in 5G Advanced Communications, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in 5G Advanced Communications, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in 5G Advanced Communications, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ADVANCED ELECTRICAL POWER AND ENERGY SYSTEMS

Master of Science in Advanced Electrical Power and Energy Systems
Master of Science in Electrical Power and Energy Systems
Master of Science in Electronic and Electrical Engineering
Postgraduate Diploma in Electrical Power and Energy Systems
Postgraduate Diploma in Electronic and Electrical Engineering
Postgraduate Certificate in Electrical Power and Energy Systems
Postgraduate Certificate in Electronic and Electrical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. The normal duration of study will be for the degree of Master by full-time study – 24 months.

Mode of Study

5. The programme is available by full-time study only.

Curriculum

All students shall undertake an approved curriculum as follows:

- i. for the Postgraduate Certificate no fewer than 60 credits
- ii. for the Postgraduate Diploma no fewer than 120 credits
- iii. for the degree of MSc no fewer than 240 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE873	Advanced Power and Energy Systems	5	20

EE974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE975	Power Electronics for Energy and Drive Control	5	20
EE976	Power System Economics, Markets and Asset Management	5	20
EE977	Wind Energy and Distributed Energy Resources	5	20
EE986	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			
EE900	MSc Project	5	80

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
EE969	Digital Signal Processing Principles	5	20
EE970	Information Transmission and Security	5	20
EE972	Control Principles	5	20
EE985	Software Engineering	5	20
EE989	Wind Turbine Technology	5	20
EE991	5G Communications Networks	5	20
EE817	Hardware IoT Communication System Design	5	10
EE818	Data Analytics and AI for Energy Systems	5	10
EE891	5G Communications Networks	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. In order to progress to the second year of the programme, a student must have accumulated no fewer than 120 credits from the programme curriculum.
8. Students who fail to accumulate 120 credits or more in year 1 of the programme will be transferred and considered for an award of Postgraduate Certificate in Electronic and Electrical Engineering or an award of Postgraduate Certificate in Electrical Power and Energy Systems.
9. The final award will be based on performance in the examinations, coursework and the EE900 Project where undertaken.

Award

10. **Degree of MSc in Advanced Electrical Power and Energy Systems:** In order to qualify for the award of the degree of MSc in Advanced Electrical Power and Energy Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 240 credits, of which 80 must have been awarded in respect of the Project EE900.

Alternative Awards

Students who fail to accumulate 240 credits over the programme duration may be considered for one of the following alternative awards:

11. **Degree of MSc in Electrical Power and Energy Systems:** In order to qualify for the award of MSc in Electrical Power and Energy Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must have been awarded in respect of the Project EE900.
12. **Degree of MSc in Electronic and Electrical Engineering:** In order to qualify for the award of MSc in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must have been awarded in respect of the Project EE900.
13. **Postgraduate Diploma in Electrical Power and Energy Systems:** In order to qualify for the award of Postgraduate Diploma in Electrical Power and Energy Systems, a candidate must have accumulated no fewer than 120 credits from the taught curriculum.
14. **Postgraduate Diploma in Electronic and Electrical Engineering:** In order to qualify for the award of Postgraduate Diploma in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 120 credits from the taught curriculum.
15. **Postgraduate Certificate in Electrical Power and Energy Systems:** In order to qualify for the award of Postgraduate Diploma in Electrical Power and Energy Systems, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.
16. **Postgraduate Certificate in Electronic and Electrical Engineering:** In order to qualify for the award of Postgraduate Diploma in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

AUTONOMOUS ROBOTIC INTELLIGENT SYSTEMS

Master of Science in Autonomous Robotic Intelligent Systems

Postgraduate Diploma in Autonomous Robotic Intelligent Systems

Postgraduate Certificate in Autonomous Robotic Intelligent Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in electronic, electrical, communications or design manufacture engineering, or a science-related subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the list of taught modules
 - ii. for the Postgraduate Diploma no fewer than 120 credits including all the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including the EE998 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
EE992	Neural Networks and Deep Learning	5	10
DM942	Manufacturing Automation	5	10

DM986	Mechatronic System Design Techniques	5	10
EE474	Robotics and Control Systems	4	20
EE986	Assignment and Professional Studies	5	20
EE987	Sensor Technologies	5	20
Students for the degree of MSc only:			
EE998	MSc project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
DM920	Strategic Technology Management	5	10
DM923	Product Modelling and Visualisation	5	10
DM934	Design Methods	5	10
DM939	Digital Manufacturing Concepts	5	10
DM945	System Thinking and Modelling	5	10
DM946	Micro- and Nano-Manufacturing	5	10
DM947	Advanced Forming Technology Systems	5	10
DM948	Advanced Materials and Production Technology	5	10
DM951	Design for Industry 4 and Smart Products	5	10
EE981	Image and Video Processing	5	20
EE972	Control Principles	5	20
EE978	Advanced Digital Signal Processing	5	20
EE579	Advanced Microcontroller Applications	5	20
EE980	Embedded System Design	5	20
EF927	Design Management	5	10
EF945	Knowledge & Information Management for Engineers	5	10

Not all optional modules in this list will be available each year.
Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the EE998 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Autonomous Robotic Intelligent Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE998 Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Autonomous Robotic Intelligent Systems, a candidate must have accumulated no fewer than 120 credits from the taught curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Autonomous Robotic Intelligent Systems, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

COMMUNICATIONS, CONTROL AND DIGITAL SIGNAL PROCESSING

Master of Science in Communications, Control and Digital Signal Processing
Postgraduate Diploma in Communications, Control and Digital Signal Processing
Postgraduate Certificate in Communications, Control and Digital Signal Processing

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent; or
 - iii. an appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the lists of taught modules
 - ii. for the Postgraduate Diploma no fewer than 120 credits including all the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EE969	Digital Signal Processing Principles	5	20
EE970	Information Transmission and Security	5	20
EE972	Control Principles	5	20
EE986	Assignment and Professional Studies	5	20

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Director.

Optional Modules

Module Code	Module Title	Level	Credits
EE971	Communications Networks	5	20
EE978	Advanced Digital Signal Processing	5	20
EE980	Embedded System Design	5	20
EE981	Image and Video Processing	5	20
EE982	Control Techniques	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
EE990	MSc Project	5	60

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Communications, Control and Digital Signal Processing, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Communications, Control and Digital Signal Processing, a candidate must have accumulated no fewer than 120 credits from the course curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Communications, Control and Digital Signal Processing, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

COMMUNICATIONS TECHNOLOGY AND POLICY

Master of Science in Communications Technology and Policy
Postgraduate Diploma in Communications Technology and Policy
Postgraduate Certificate in Communications Technology and Policy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the list of taught compulsory modules
 - ii. for the Postgraduate Diploma no fewer than 120 credits including all the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EE970	Information Transmission and Security	5	20
EE971	Communications Networks	5	20

EE986	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			
EE990	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

Module Code	Module Title	Level	Credits
EE969	Digital Signal Processing Principles	5	20
EE985	Software Engineering	5	20
MS928	Business Information Systems	5	10
MS969	Advanced Project Management	5	10
MG803	Creativity, Change and Innovation	5	20
MG804	Strategic Technology Management	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Communications Technology and Policy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Communications Technology and Policy, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Communications Technology and Policy, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING FOR MODERN POWER SYSTEMS

Master of Science in Electrical Engineering for Modern Power Systems

Postgraduate Diploma in Electrical Engineering for Modern Power Systems

Postgraduate Certificate in Electrical Engineering for Modern Power Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. **Admission to this programme is only available to students enrolling via the Inner Mongolia University of Technology (IMUT) Collaborative Agreement.**

Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), and in addition to any requirements set out in the Collaborative Agreement, applicants shall comply with the following entry requirements:

- i. satisfactory completion of a relevant BEng programme at a recognised University in China with a minimum of 75% average, or recognised international equivalent.
- ii. Strathclyde's English language proficiency requirement, normally IELTS 6.5 (no individual element below 5.5) or equivalent
- iii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
- iv. have appropriate professional experience.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
3. Students will undertake a 9-month period of full-time study at the University of Strathclyde, completing 120 credits of taught modules.
4. Students who successfully complete the taught element of the programme will undertake a jointly-supervised part-time project conducted over 18 months whilst students are based at IMUT, China.

Mode of Study

5. The taught element of the programme will be delivered on-campus at the University of Strathclyde and is available by full-time study only.
6. Students will transfer to part-time registration when they begin the project-element of the programme (and will return to China).

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the EE888 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EE873	Advanced Power and Energy Systems	5	20
EE976	Power System Economics, Markets and Asset Management	5	20
EE986	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			
EE888	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
EE974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE975	Power Electronics for Energy and Drive Control	5	20
EE977	Wind Energy and Distributed Energy Resources	5	20
EE987	Sensor Technologies	5	20
EE818	Data Analytics and AI for Energy Systems	5	10
EE866	Power Electronics Devices, Drives and Machines 1	5	10
EE877	Wind Energy and Distributed Energy Resources 1	5	10
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. The final award will be based on performance in the examinations, coursework and the EE888 Project where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Electrical Engineering for Modern Power Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE888.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electrical Engineering for Modern Power Systems, a candidate must have accumulated no fewer than 120 credits from the taught curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electrical Engineering for Modern Power Systems, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRICAL POWER AND ENERGY SYSTEMS

Master of Science in Electrical Power and Energy Systems
Postgraduate Diploma in Electrical Power and Energy Systems
Postgraduate Certificate in Electrical Power and Energy Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EE873	Advanced Power and Energy Systems	5	20
EE976	Power System Economics, Markets and Asset Management	5	20
EE986	Assignment and Professional Studies	5	20

Students for the degree of MSc only:			
EE990	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
EE974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE975	Power Electronics for Energy and Drive Control	5	20
EE977	Wind Energy and Distributed Energy Resources	5	20
EE987	Sensor Technologies	5	20
EE818	Data Analytics and AI for Energy Systems	5	10
EE866	Power Electronics Devices, Drives and Machines 1	5	10
EE877	Wind Energy and Distributed Energy Resources 1	5	10
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Electrical Power and Energy Systems, a candidate must have performed to the satisfaction of the

Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electrical Power and Energy Systems, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electrical Power and Energy Systems, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRICITY INDUSTRY MANAGEMENT AND TECHNOLOGY

Master in Electricity Industry Management and Technology

Postgraduate Diploma in Electricity Industry Management and Technology

Postgraduate Certificate in Electricity Industry Management and Technology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

2. The programmes are available by full-time and part-time study.

Curriculum

3. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate – no fewer than 60 credits from the lists of taught modules,
 - ii. Postgraduate Diploma – no fewer than 120 credits including all the compulsory modules,
 - iii. MSc – no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
19940	General and Strategic Management	5	12
19941	Financial Management	5	12
19942	Information Systems Strategy	5	12
19943	Power System Operation and Management	5	12
19944	Power System Economics and Regulatory Issues	5	12

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
19945	Power Generation Technologies: Electrical	5	12
19946	Power Generation Technologies: Mechanical	5	12
19947	Power System Analysis and Design	5	12

19948	Power System Protection, Control and Monitoring	5	12
19949	Power Engineering and the Environment	5	12
19950	High Voltage Engineering	5	12
19951	Energy Management and System Analysis	5	12
19952	Manufacturing Systems for Power Plant	5	12
19953	Project and Contract Management	5	12
19954	Human Resource Management	5	12
19955	Intelligent System Applications in Power Engineering	5	12
19956	Networking and Communications	5	12
19957	Database Management and Applications	5	12

In addition, students may select other modules offered by the Department of Electronic and Electrical Engineering on other postgraduate programmes subject to the approval of the Programme Director.

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
EE990	Project	5	60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Electricity Industry Management and Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electricity Industry Management and Technology, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electricity Industry Management and Technology, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING (January Start)

Master of Science in Electronic and Electrical Engineering
Postgraduate Diploma in Electronic and Electrical Engineering
Postgraduate Certificate in Electronic and Electrical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering in a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent; or
 - iii. appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

4. The programme is available by full-time study only, starting every January.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the lists of taught modules.
 - ii. for the Postgraduate Diploma no fewer than 120 credits including all the compulsory modules.
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE886	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			
EE990	MSc Project	5	60

Optional Modules

All students shall select 100 credits with at least 30 credits from both List A and List B:

List A:

Module Code	Module Title	Level	Credits
EE769	Digital Signal Processing Principles	5	20
EE820	Offshore Wind Farm O&M and Economics	5	10
EE826	Software Defined Radio	5	10
EE874	High Voltage Technology Principles	5	10
EE875	Power Electronics Principles	5	10
EE885	Software Design & Programming for Engineering	5	10
CS952	Database & Web System Development	5	20
CS985	Machine Learning for Data Analytics	5	20

List B:

Module Code	Module Title	Level	Credits
EE821	Wind Generators Modelling & Control	5	10
EE866	Power Electronic Devices, Drives & Machines 1	5	10
EE669	Digital Signal Processing Principles	5	10
EE867	Power System Analysis and Protection	5	10
EE825	Data Transmission & Physical Layer Radio Networks	5	10
EE872	Control Principles 1	5	10
EE876	Power System Economics & Markets	5	10
EE877	Wind Energy & Distributed Energy Resources 1	5	10
EE878	Advanced DSP 1	5	10
EE880	Embedded System Design 1	5	10
EE681	Image Processing	5	10
EE887	Industrial Sensor Technologies	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Director.

Students may not select any modules from the list of optional modules which they have previously successfully completed. Not all modules in these lists will be available every year.

Examination, Progress and Final Assessment

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 120 credits from the taught programme curriculum.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING

Master of Science in Electronic and Electrical Engineering

Postgraduate Diploma in Electronic and Electrical Engineering

Postgraduate Certificate in Electronic and Electrical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering in a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits.
 - ii. for the Postgraduate Diploma no fewer than 120 credits.
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE986	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			
EE990	MSc Project	5	60

Optional Modules

No fewer than 100 credits chosen from:

Module Code	Module Title	Level	Credits
EE873	Advanced Power and Energy Systems	5	20
EE966	Power Electronics, Machines and Applications	5	20
EE967	Power System Design, Operation and Protection	5	20
EE969	Digital Signal Processing Principles	5	20
EE970	Information Transmission and Security	5	20
EE972	Control Principles	5	20
EE974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE975	Power Electronics for Energy and Drive Control	5	20
EE976	Power System Economics, Markets and Asset Management	5	20
EE977	Wind Energy and Distributed Energy Resources	5	20
EE978	Advanced Digital Signal Processing	5	20
EE980	Embedded System Design	5	20
EE981	Image and Video Processing	5	20
EE985	Software Engineering	5	20
EE987	Sensor Technologies	5	20
EE991	5G Communications Networks	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)

7. The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electronic and Electrical Engineering, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

FUTURE ENERGY AND POWER SYSTEM OPERATION AND MANAGEMENT

Master of Science in Future Energy and Power System Operation and Management
Postgraduate Diploma in Future Energy and Power System Operation and Management
Postgraduate Certificate in Future Energy and Power System Operation and Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a suitable degree in science or engineering from a recognised institution; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above; or
 - iii. appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English competency.

Duration of Study

3. The maximum period of study is 2.5 years.

Mode of study

4. The programmes are available part-time only.

Place of Study

5. The programme is based in Hong Kong. It combines classroom-based (Hong Kong University of Science and Technology, HKUST) and distance learning (Strathclyde).

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the EE790 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EE700	External study at HKUST	5	30
EE767	Power System Operation, Control and Protection	5	20

EE702	Key Power Systems Concepts and Foundations	5	20
EE701	Professional Practice Module	5	10
MSc project			
EE790	MSc Project	5	60

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
EE766	Power Electronics Conversion and Control	5	20
EE705	Communications and the Smart Grid	5	10
EE777	Renewable Energy Systems	5	20
EE707	Managing Risk and Uncertainty in Power System Operation	5	10
EE703	Power Utility Management – Business module	5	10

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations and coursework together with the MSc project.

Award

- Degree of MSc:** In order to qualify for the Dual Degree of MSc in Future Energy and Power System Operation and Management, awarded by the University of Strathclyde and the Hong Kong University of Science and Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the MSc Project EE790.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Future Energy and Power System Operation and Management a candidate must have accumulated no fewer than 120 credits from the taught curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Future Energy and Power System Operation and Management a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

MACHINE LEARNING AND DEEP LEARNING

Master of Science in Machine Learning and Deep Learning
Postgraduate Diploma in Machine Learning and Deep Learning
Postgraduate Certificate in Machine Learning and Deep Learning

*These programme regulations are for the **January intake only** and should be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).*

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or good second class Honours degree (in electronic, electrical, computer science or other science-related subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students who begin their studies in January shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120
 - iii. for the degree of MSc – no fewer than 180 credits including the EE997 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
EE992	Neural Networks and Deep Learning	5	10

EE669	Digital Signal Processing Principles	5	10
EE886	Assignment and Professional Studies	5	20
CS985	Machine Learning for Data Analytics	5	20
CS823	Reasoning for Intelligent Agents	5	20
CS826	Deep Learning Theory and Practice	5	20
Students for the degree of MSc only:			
EE997	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
EE681	Image Processing	5	10
EE885	Software Design & Programming For Engineering	5	10

Exceptionally, such other level 5 modules totalling no more than 10 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE997 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Machine Learning and Deep Learning, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE997 Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Machine Learning and Deep Learning, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Machine Learning and Deep Learning, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

MACHINE LEARNING AND DEEP LEARNING

Master of Science in Machine Learning and Deep Learning
Postgraduate Diploma in Machine Learning and Deep Learning
Postgraduate Certificate in Machine Learning and Deep Learning

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or good second class Honours degree (in electronic, electrical, computer science or other science-related subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate – no fewer than 60 credits
 - ii. Postgraduate Diploma – no fewer than 120
 - iii. degree of MSc – no fewer than 180 credits including the EE997 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
EE992	Neural Networks and Deep Learning	5	10
EE969	Digital Signal Processing Principles	5	20
EE986	Assignment and Professional Studies	5	20

CS982	Big Data Technologies	5	20
CS985	Machine Learning for Data Analytics	5	20
Students for the degree of MSc only:			
EE997	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
EE981	Image and Video Processing	5	20
CS412	Information Access & Mining	5	20

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE997 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Machine Learning and Deep Learning, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE997 Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Machine Learning and Deep Learning, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Machine Learning and Deep Learning, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

RENEWABLE ENERGY AND DECARBONISATION TECHNOLOGIES

Master of Science in Renewable Energy and Decarbonisation Technologies
Postgraduate Diploma in Renewable Energy and Decarbonisation Technologies
Postgraduate Certificate in Renewable Energy and Decarbonisation Technologies

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or Mechanical Engineering or cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. an appropriate professional experience.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Masters by full-time study 24 months
 - ii. PG Diploma by full-time study 18 months
 - iii. PG Certificate by full-time study 12 months

Mode of Study

4. The programmes are available by full-time and part-time study and online study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits
 - ii. Postgraduate Diploma no fewer than 120 credits
 - iii. degree of MSc no fewer than 180 credits including the EE990 project

Compulsory Modules

Module Code	Module Title	Level	Credits
EC928	Energy Economics	5	10
EE877	Wind Energy and Distributed Energy Resources 1	5	10

EE993	Solar Energy Systems	5	10
EE994	Energy Storage Systems	5	10
EE886	Assignment and Professional Studies	5	20
EE875	Power Electronics Principles	5	10
EE995	Energy Decarbonisation Technologies	5	10
EE820	Offshore Wind Farms O&M and Economics	5	10
Students for the degree of MSc only:			
EE990	MSc Project in Renewable Energy and Decarbonisation Technologies	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

No fewer than 30 credits chosen from:

Module Code	Module Title	Level	Credits
EV939	Environmental Impact Assessment	5	10
CL994	Circular Economy and Transformations towards Sustainability	5	10
DM951	Design for Industry 4 and Smart Products	5	10
CL904	Waste Management and Landfill Design	5	10
EE802	Control and Protection of Future Networks	5	10
EE818	Data Analytics and AI for Energy Systems	5	10
DM994	Systems Engineering Concepts	5	10
DM943	Sustainable Product Design & Manufacturing	5	10
DM920	Strategic Technology Management	5	10
NM969	Renewable Marine Energy Systems	5	10

Not all optional modules on this list will be available in each academic year. Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

7. The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Renewable Energy and Decarbonisation Technologies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Renewable Energy and Decarbonisation Technologies, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Renewable Energy and Decarbonisation Technologies, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

MSC RENEWABLE ENERGY IN THE MARINE ENVIRONMENT

Master of Science in Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering (Erasmus Mundus)

Master of Science in Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems (Erasmus Mundus)

Postgraduate Certificate in Renewable Energy in the Marine Environment

University of Strathclyde (UK), Universidad del Pais Vasco (Spain), Ecole Centrale de Nantes (France) and Norwegian University of Science and Technology (Norway)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a suitable higher education degree from European universities in the field of engineering, geosciences, oceanography, mathematics, physics or environmental sciences; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English competency.

Duration of Study

3. The Programme is a two-year MSc consisting of 4 semesters of study (240 University of Strathclyde credits equivalent to 120 ECTS).

Mode of study

4. The programmes are available by full-time study only.

Place of Study

5. In accordance to Erasmus Mundus regulations on student mobility, each student must undertake the MSc by enrolling at three of the four Universities involved (including completion of the MSc Project). Hence, taught modules are delivered at the University of Strathclyde in Semester 1, Universidad del Pais Vasco in Semester 2, and Ecole Centrale de Nantes (Specialism A) or Norwegian University of Science and Technology (Specialism B) in Semester 3. The dissertation may be taken in any of the four Universities.

Curriculum

6. Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering

First Year - All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits (ECTS/UoS)
NM946	Inspection and Survey	5	5/10
NM833	Marine Renewable Energy Systems	5	5/10
NM978	Physical Testing of Offshore Renewable Energy Systems	5	5/10
NM960	Finite Element Analysis of Floating Structures	5	5/10
EC928	Energy Economics	5	5/10
EE816	Environmental Impact Assessment for Offshore Renewable Energy	5	5/10

Modules offered at Universidad Del Pais Vasco (Spain):

Module Code	Module Title	Level	Credits (ECTS/UoS)
UPV01	Ocean Wave Energy and Offshore Wind Energy	5	4.5/9
UPV02	Advanced Fluid Dynamics Modelling	5	4.5/9
UPV03	Theoretical Aspects in Fluid Dynamics	5	3/6
UPV04	Computational Fluid Dynamics for Turbulent Flow	5	3/6
UPV05	Integration of Renewable Energy	5	3/6
UPV06	Operation of Transmission and Distribution Grids	5	3/6
UPV07	Environmental Conditions for Marine Renewables	5	3/6
UPV08	Operations and Maintenance of Marine Arrays	5	3/6
UPV09	Basque Language and Culture	5	3/6

Exceptionally, one of the above modules can be replaced by a module from Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems, as approved by the Programme Leader.

Second Year - All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows:

Compulsory Modules

Modules offered at Ecole Centrale De Nantes (France):

Module Code	Module Title	Level	Credits (ECTS/UoS)
ECN01	Water Waves and Sea States Modelling	5	4/8
ECN02	General Concepts of Hydrodynamics	5	4/8
ECN03	Numerical Hydrodynamics	5	5/10
ECN04	Experimental Hydrodynamics	5	4/8
ECN05	Marine RE: Offshore Wind Turbines	5	1/2
ECN06	Marine RE: Tidal Turbines	5	2/4
ECN07	Marine RE: Wave Energy Converters	5	2/4
ECN08	Wave-Structure Interactions and Moorings	5	4/8
ECN09	French Language and Culture	5	4/8

In addition, students shall undertake one of the following:

Module Code	Module Title	Level	Credits (ECTS/UoS)
NM834	MSc Project	5	30/60
UPV13	MSc Project	5	30/60
ECN10	MSc Project	5	30/60

Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems

First Year - All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits (ECTS/UoS)
EE872	Control Principles 1	5	5/10
EE877	Wind Energy and Distributed Energy Resources 1	5	5/10
NM833	Marine Renewable Energy Systems	5	5/10
EE866	Power Electronics Devices, Drives and Machines 1	5	5/10
EC928	Energy Economics	5	5/10
EE816	Environmental Impact Assessment for Offshore Renewable Energy	5	5/10

Modules offered at Universidad Del Pais Vasco (Spain):

Module Code	Module Title	Level	Credits (ECTS/UoS)
UPV01	Ocean Wave Energy and Offshore Wind Energy	5	4.5/9
UPV10	Modelling of Wind/Marine Current Generators	5	3/6
UPV11	Wave to Wire Control	5	4.5/9
UPV05	Integration of Renewable Energy	5	3/6
UPV06	Operation of Transmission and Distribution Grids	5	3/6
UPV12	Power Electronics in Offshore Power Systems	5	3/6
UPV07	Environmental Conditions for Marine Renewables	5	3/6
UPV08	Operations and Maintenance of Marine Arrays	5	3/6
UPV09	Basque Language and Culture	5	3/6

Exceptionally, one of the above modules can be replaced by a module from Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering, as approved by the Programme Leader.

Second Year - All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows:

All students shall undertake all compulsory modules and no fewer than two optional modules.

Compulsory Modules

Modules offered at Norwegian University of Science and Technology (Norway):

Module Code	Module Title	Level	Credits (ECTS/UoS)
NTNU01	Applied Electromagnetics in Power Engineering	5	7.5/15
NTNU04	Power Electronics	5	7.5/15
NTNU05	Power System Analysis	5	7.5/15

Optional Modules

Module Code	Module Title	Level	Credits (ECTS/UoS)
NTNU02	Power Electronics in Future Power Systems	5	3.75/7.5
NTNU03	Wind Power in Electric Power Systems	5	3.75/7.5
NTNU06	Quality of Supply in Electrical Power Systems	5	3.75/7.5

In addition, students shall undertake one of the following projects:

Module Code	Module Title	Level	Credits (ECTS/UoS)
19900	MSc Project	5	30/60
UPV13	MSc Project	5	30/60
NTNU07	MSc Project	5	30/60

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. In order to progress to the second year of the programme, a student must have accumulated no fewer than 120 credits (60 ECTS) from the programme curriculum.
9. The final award will be based on performance in the examinations and coursework together with the MSc project.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering or the degree of MSc in Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must

have accumulated no fewer than 240 credits (120 ECTS), of which 60 (30 ECTS) must have been awarded in respect of the MSc project.

11. A student on the Offshore Renewables Energy Systems Engineering specialism will receive a Joint Award from the University of Strathclyde and Universidad del Pais Vasco (UPV/EHU) and a Double Award from Ecole Centrale de Nantes (ECN). A student studying the Power Electronics and Control for Offshore Renewable Energy Systems specialism will receive a Joint Award from the University of Strathclyde, UPV/EHU and Norwegian University of Science and Technology (NTNU).
12. Students who do not qualify for the Degree of MSc may qualify for Postgraduate Certificate from University of Strathclyde as follows:
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Renewable Energy in the Marine Environment a candidate must have accumulated no fewer than 60 credits (30 ECTS) from the University of Strathclyde taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

SMART GRIDS

Master of Science in Smart Grids

Postgraduate Diploma in Smart Grids

Postgraduate Certificate in Smart Grids

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits.
 - ii. for the Postgraduate Diploma no fewer than 120 credits.
 - iii. for the degree of MSc no fewer than 180 credits including the EE819 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EX506	External Study	5	60
EE802	Control and Protection of Future Networks	5	10
EE817	Hardware IoT Communication System Design	5	10
EE891	5G Communications Networks	5	10

EE812	Cyber Security and Data Privacy	5	10
EE818	Data Analytics for Smart Grids	5	10
EE803	Power Electronics for Transmission and Distribution	5	10
Students for the degree of MSc only:			
EE819	MSc Project and Internship	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the EE819 Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Smart Grids, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE819.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Smart Grids a student must have accumulated no fewer than 120 credits from the taught curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Smart Grids a student must have accumulated no fewer than 60 credits from the taught curriculum (excluding EX506).

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

WIND ENERGY SYSTEMS

Master of Science in Wind Energy Systems
Postgraduate Diploma in Wind Energy Systems
Postgraduate Certificate in Wind Energy Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent; or
 - iii. have appropriate professional experience.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits.
 - ii. for the Postgraduate Diploma no fewer than 120 credits.
 - iii. for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Modules

Module Code	Module Title	Level	Credits
EE989	Wind Turbine Technology	5	20
EE988	Power Systems and Wind Integration	5	20
EE986	Assignment and Professional Studies	5	20
Students for the degree of MSc only:			

EE990	MSc Project	5	60

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Optional Modules

All students shall undertake at least 40 credits from List A.

List A

Module Code	Module Title	Level	Credits
EE873	Advanced Power and Energy Systems	5	20
EE966	Power Electronics, Machines and Applications	5	20
EE967	Power System Design, Operation and Protection	5	20
EE972	Control Principles	5	20
EE974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE975	Power Electronics for Energy and Drive Control	5	20
EE976	Power System Economics, Markets and Asset Management	5	20
EE999	PGDip Electronic and Electrical Engineering Dissertation	5	20

List B

Module Code	Module Title	Level	Credits
EC928	Energy Economics	5	10
NM946	Inspection and Survey	5	20
NM969	Renewable Marine Energy Systems	5	10
CL961	Geographical Information Systems	5	10
EV939	Environmental Impact Assessment	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students may not select any module from the list of optional modules which they have previously successfully completed.

Students without appropriate background knowledge may be additionally required to undertake selected foundation modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the EE990 Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Wind Energy Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project EE990.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Wind Energy Systems, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Wind Energy Systems, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

ADVANCED ENGINEERING STUDIES

Master of Science in Advanced Engineering Studies

Postgraduate Diploma in Advanced Engineering Studies

Postgraduate Certificate in Advanced Engineering Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. It is expected that, in most cases, students will be admitted to the non-graduating Advanced Engineering Studies Programme in the first instance.

Duration of Study

2. The minimum duration of study is set out in the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Students shall be required to complete their programme including the submission of any dissertation, or design report within the following maximum durations of study:

i.	Masters by part-time study	72 months elapsed time
ii.	PG Diploma by part-time study	60 months elapsed time
iii.	PG Certificate by part-time study	36 months elapsed time

Place of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits as detailed below
 - ii. for the Postgraduate Diploma – no fewer than 120 credits as detailed below
 - iii. for the degree of MSc - no fewer than 180 credits including a project

Compulsory Modules (MSc degree only)

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

6. Students must choose no fewer than 120 taught credits chosen from modules taught by any Department within the Faculty of Engineering. A minimum of 100 credits should be at Level 5.
7. Not all modules will run each year and so the curriculum of every student must be discussed and approved, in advance, by the Programme Director.
8. Exceptionally, and with the approval of the Programme Director, students may substitute Engineering modules with other Level 5 modules offered across the University.

Examination, Progress and Final Assessment

9. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
10. The final award will be based on performance in the examinations, coursework and the Project where undertaken.

Award

11. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Engineering Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the Individual Project EF900.
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Engineering Studies, a candidate must have accumulated no fewer than 120 taught credits, of which 20 credits must be awarded for the Project Scoping CP967.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Engineering Studies, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

Transfer

14. Students who have accumulated at least 60 credits may, upon meeting specific programme requirements, be transferred and considered for an award of MSc, Postgraduate Diploma or Postgraduate Certificate in an appropriate Engineering programme.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

ENGINEERING PROJECT MANAGEMENT (online)

Master of Science in Engineering Project Management (online)

Postgraduate Diploma in Engineering Project Management (online)

Postgraduate Certificate in Engineering Project Management (online)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), will apply.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. For the Postgraduate Certificate, no fewer than 60 credits from the compulsory list
 - ii. For the Postgraduate Diploma, no fewer than 120 credits from the compulsory list.
 - iii. For the degree of MSc, no fewer than 180 credits, including DM802 Postgraduate Individual Project.

5. **First year** - All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
DM805	Engineering Risk Management (online)	5	10
DM810	People, Organisation and Leadership (online)	5	10
DM811	Project Management (online)	5	10
DMXXX	Management of Technology and Innovation (Online)	5	10
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM812	Strategic Procurement Management (online)	5	10

6. **Second Year** – All students shall undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
DM801	Postgraduate Group Project (online)	5	40
DM809	Management of Total Quality and Continuous improvement (online)	5	10
EF963	Finance for Engineers	5	10

7. Third Year - Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
DM802	Postgraduate Individual Project (online)	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. The final award will be based on performance in the examinations, coursework, the project where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Engineering Project Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM802.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Engineering Project Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Project Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

ENGINEERING PROJECT MANAGEMENT

Master of Science in Engineering Project Management
Postgraduate Diploma in Engineering Project Management
Postgraduate Certificate in Engineering Project Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full or part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the modules in List A
 - ii. for the Postgraduate Diploma no fewer than 120 credits, including 60 from List A, no fewer than 30 from the modules in List B and a Group Project of 30 credits
 - iii. for the degree of MSc no fewer than 180 credits, including the Project

Modules

List A - Faculty-wide Modules

Module Code	Module Title	Level	Credits
EF937	Design Management	5	10
EF938	Risk Management	5	10
CP941	Understanding Financial Information	5	10

CD901	Project Management	5	10
M9851	Commercial Management	5	10
EF939	Management of Total Quality and Continuous Improvement	5	10

List B - Specialist Modules

Module Code	Module Title	Level	Credits
ME919	Electrical Power Systems	5	10
ME921	Environmental Performance and Related Technologies	5	10
ME922	Energy Resources and Policy	5	10
ME924	Power Plant Systems	5	10
ME926	Nuclear Power Systems	5	10
DM936	Project Control and Change Management	5	10
EE990	Regulatory Affairs and Asset Management	5	10

Such other Faculty Level 5 modules, as approved by the Programme Leader.

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF931	Project Engineering: Group Project	5	30

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Project	5	60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, the project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Engineering Project Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project EF900.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Engineering Project Management, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Project Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

SUSTAINABLE ENGINEERING

Master of Science in Sustainable Engineering
Postgraduate Diploma in Sustainable Engineering
Postgraduate Certificate in Sustainable Engineering

Advanced Construction Technologies and Building Information Management
Chemical Processing
Marine Technology
Offshore Renewable Energy
Renewable Energy Systems and the Environment

Postgraduate programmes offered within the Faculty Programme in Sustainable Engineering have a common overall structure where award of qualifications depends upon the pursuance of a named distinct pathway.

These regulations are to be read in conjunction with [General Academic Regulations Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

2. The programmes are available by full-time and part-time study.

Programme Structure

3. The following distinct pathways are named postgraduate awards in Sustainable Engineering of the Faculty of Engineering:
 - i. Advanced Construction Technologies and Building Information Management
 - ii. Chemical Processing
 - iii. Marine Technology
 - iv. Offshore Renewable Energy
 - v. Renewable Energy Systems and the Environment

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits including AB975 Sustainability
 - ii. Postgraduate Diploma no fewer than 120 credits including AB975 Sustainability and EF936 Sustainable Engineering Group Project
 - iii. degree of MSc no fewer than 180 credits including EF900 Individual Project

Sustainable Engineering: Advanced Construction Technologies and Building Information Management

Compulsory Modules

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10

AB991	Building Information Management	5	10
AB998	Advanced Construction Technologies	5	10

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF936	Sustainable Engineering Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

Students shall undertake no fewer than 50 credits of optional modules from List A or the Faculty-wide modules listed in section 5 below.

List A

Module Code	Module Title	Level	Credits
AB992	Contract Administration and Practice	5	10
AB995	Facilities Management	5	10

Not all optional modules in these lists will be available in each academic year.

Sustainable Engineering: Chemical Processing

Compulsory Modules

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF936	Sustainable Engineering Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

Students must also choose an additional 70 credits, which must include a minimum of 10 credits from List A, 30 credits from List B and 20 credits from the Faculty-wide modules listed in section 5 below.

List A

Module Code	Module Title	Level	Credits
CP917	Process Design Principles	5	10
CP974	Advanced Process Design	5	20

List B

Module Code	Module Title	Level	Credits
CP527	Petroleum Engineering	5	10
CP538	Environmental Engineering for Solving Industrial Challenges	5	10
CP529	Programming and Optimisation	5	10
CP523	Molecular Simulation in Chemical Engineering	5	10
CP537	Electrochemical Energy Devices	5	10
CP533	Clean Combustion Technologies	5	10
CP541	Introduction to Hydrogen Engineering	5	10
CP542	Advanced Process Safety	5	10

Not all optional modules in these lists will be available in each academic year.

Sustainable Engineering: Marine Technology

Compulsory Modules*

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10
NM961	Design and Construction of FPSOs	5	10
NM950	Maritime Safety and Risk	5	10
NM872	On-board Energy Management and Marine Environment Protection	5	10
NM962	Advanced Marine Structures	5	10
NM844	Autonomous Marine Vehicles and Digital Twin	5	10

*Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF936	Sustainable Engineering Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

Students shall undertake 20 credits from the Faculty-wide modules listed in section 5 below.

Sustainable Engineering: Offshore Renewable Energy

Compulsory Modules*

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10
NM960	Finite Element Analysis of Floating Structures	5	10
NM969	Renewable Marine Energy Systems	5	10
NM978	Physical Testing of Offshore Renewable Devices	5	10
ME929	Electrical Power Systems	5	10
ME927	Energy Resources and Policy	5	10

*Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF936	Sustainable Engineering Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

Students shall undertake 20 credits from the Faculty-wide modules listed in section 5 below.

Sustainable Engineering: Renewable Energy Systems and the Environment

Compulsory Modules

Module Code	Module Title	Level	Credits
AB975	Sustainability	5	10
ME929	Electrical Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME928	Energy Systems Analysis	5	10
ME930	Energy Modelling and Monitoring	5	10

Students for the degree of MSc and Postgraduate Diploma will undertake:

Module Code	Module Title	Level	Credits
EF936	Sustainable Engineering Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
EF900	Individual Project	5	60

Optional Modules

Students shall undertake 30 credits from either the Faculty-wide modules listed in section 5 below or suitable alternative modules to be approved by the appropriate program leader.

5. Faculty-wide Modules

Module Code	Module Title	Level	Credits
EF929	Financial Engineering	5	10
EF927	Design Management	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EV939	Environmental Impact Assessment	5	10
EF945	Knowledge and Information Management	5	10

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final award will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Sustainable Engineering: in a distinct pathway, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Individual Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sustainable Engineering: in a distinct pathway, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits from the taught programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Sustainable Engineering: in a distinct pathway, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

ADVANCED MATERIALS ENGINEERING

Master of Science in Advanced Materials Engineering
Postgraduate Diploma in Advanced Materials Engineering
Postgraduate Certificate in Advanced Materials Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Postgraduate (taught) Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits
 - ii. Postgraduate Diploma no fewer than 120 credits
 - iii. degree of MSc no fewer than 180 credits including the project

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME962	Degradation of Metals and Alloys	5	10
ME966	Fundamentals of Materials Science	5	10
ME978	Advanced Materials Processing & Manufacturing	5	10
ME981	Research Methodology	5	10

16565	Engineering Composites	5	10
ME931	Industrial Metallurgy	5	10
Students for the degree of MSc only:			
ME900	Project	5	60

Optional Modules

Student must choose 50 credits from List A and List B.

List A

Module Code	Module Title	Level	Credits
EFXXX	Design Methods and Management	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EF929	Financial Engineering	5	10
AB975	Sustainability	5	10
EV939	Environmental Impact Assessment	5	10

List B

Module Code	Module Title	Level	Credits
BE900	Tissue Mechanics	5	10
BE906	Biomaterials and Biocompatibility	5	10
CL966	Materials and Microstructures	5	10
CL976	Pre-stressed concrete, composite materials and structural stability	5	10
CP970	Molecular and Interfacial Science (online)	5	10
DM946	Micro and Nano Manufacturing	5	10
DM947	Advanced Forming Technology and Systems	5	10
DM948	Advanced Materials and Production Technology	5	10
16598	Aerodynamic Performance	5	10
ME926 **	Nuclear Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME928	Energy Systems Analysis	5	10

ME929	Electrical Power Systems	5	10
ME930	Energy Modelling and Monitoring	5	10
ME945**	Introduction to Open Source Computational Fluid Dynamics	5	10
ME948**	Hydraulics	5	10
ME953	Engineering Artificial Environments	5	10
ME963**	Structural Integrity	5	10
ME965**	FEA in Mechanical Engineering Design	5	10
Additional Level 5 modules offered by the Department of Mechanical and Aerospace Engineering, listed in the Mechanical Engineering Undergraduate Regulations.			

**denotes those modules delivered by online learning. A maximum of 20 credits of online modules, spread over two semesters, may be selected.

Not all optional modules on this list will be available in each academic year.
Exceptionally, such other Level 5 modules as may be approved by the Programme Adviser.

Students for the Postgraduate Diploma only will have the additional optional module:

Module Code	Module Title	Level	Credits
ME973	Mechanical and Aerospace Engineering PGDip Dissertation	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Materials Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project ME900.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Materials Engineering, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Materials Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

ADVANCED MECHANICAL ENGINEERING (ONLINE LEARNING)

Master of Science in Advanced Mechanical Engineering (online learning)
Postgraduate Diploma in Advanced Mechanical Engineering (online learning)
Postgraduate Certificate in Advanced Mechanical Engineering (online learning)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by part-time online-learning only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the project

Compulsory Modules

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
Students for the degree of MSc only			
ME900	Project	5	60

Optional Modules

Students shall undertake 110 credits from the list below:

Module Code	Module Title	Level	Credits
ME529	Aerodynamics in C	5	10
ME919	Electrical Power Systems	5	10
ME926	Nuclear Power Systems	5	10
ME945	Introduction to Open-Source CFD	5	10
ME946	Pressurised Systems	5	10
ME948	Hydraulics	5	10
ME960	Applied Metallurgy	5	10
ME962	Degradation of Metals and Alloys	5	10
ME963	Structural Integrity	5	10
ME965	FEA in Mechanical Engineering Design	5	10
ME966	Fundamentals of Material Science	5	10
ME979	Fundamentals of Aeronautical Engineering	5	10
DM807	Financial Information	5	10
DM808	Introduction to Systems Thinking, Modelling and Optimisation	5	10
DM810	People, Organisation and Leadership	5	10
DM811	Project Management	5	10
DM812	Strategic Procurement Management	5	10
DM814	Technology and Innovation Management	5	10

Students for the Postgraduate Diploma only, in addition will have the optional module:

Module Code	Module Title	Level	Credits
ME973	Mechanical and Aerospace Engineering PGDip Dissertation	5	20

Not all optional modules in these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Exceptionally, such other Level 5 modules as may be approved by the Programme Director.

Examination, Progress and Final Assessment

- The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.
- The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc Advanced Mechanical Engineering (online learning), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project ME900.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Mechanical Engineering (online learning), a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Mechanical Engineering (online learning), a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

ADVANCED MECHANICAL ENGINEERING

Master of Science in Advanced Mechanical Engineering with Industrial Placement
Master of Science in Advanced Mechanical Engineering
Postgraduate Diploma in Advanced Mechanical Engineering
Postgraduate Certificate in Advanced Mechanical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Postgraduate (taught) Course Director acting on behalf of Senate to be equivalent to i. above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. The minimum period of study shall be 18 months.

Mode of Study

4. This programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. Postgraduate Certificate no fewer than 60 credits
 - ii. Postgraduate Diploma no fewer than 120 credits
 - iii. degree of MSc no fewer than 210 credits including the project and Industrial Placement

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10
ME987	Advanced Materials Processing and Manufacture	5	10
ME981	Research Methodology	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10

ME534	Advanced Topics in Mechanics and Dynamics	5	10
ME900	Project	5	60
ME944	Industrial Placement	5	30

Optional Modules

Students must choose 60 credits of optional modules from List A and List B.

List A

Module Code	Module Title	Level	Credits
EFXXX	Design Methods and Management	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EF929	Financial Engineering	5	10
AB975	Sustainability	5	10
EV939	Environmental Impact Assessment	5	10
SU902	Concepts and Theories of Sustainability	5	10
SU904	Knowledge systems for sustainability	5	10

List B

Module Code	Module Title	Level	Credits
16598	Aerodynamic Performance	5	10
ME926**	Nuclear Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME928	Energy Systems Analysis	5	10
ME929	Electrical Power Systems	5	10
ME930	Energy Modelling and Monitoring	5	10
ME931	Industrial Metallurgy	5	10
ME945**	Introduction to Open Source Computational Fluid Dynamics	5	10
ME948**	Hydraulics	5	10
ME953	Engineering Artificial Environments	5	10
ME962**	Degradation of Metals and Alloys	5	10

ME963**	Structural Integrity	5	10
ME965**	FEA in Mechanical Engineering Design	5	10
ME966**	Fundamentals of Materials Science	5	10

Additional Level 5 modules offered by the Department of Mechanical and Aerospace Engineering, as listed in the Mechanical Engineering Undergraduate regulations.

**denotes those modules delivered by online learning. A maximum of 20 credits of online modules, spread over two semesters, may be selected.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Exceptionally, such other Level 5 modules as may be approved by the Programme Adviser.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project and Industrial Placement.

Award

8. **Degree of MSc in Advanced Mechanical Engineering with Industrial Placement:** In order to qualify for the award of the degree of MSc in Advanced Mechanical Engineering with Industrial Placement, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 210 credits, of which 90 must have been awarded in respect of the ME944 Industrial Placement and ME900 project.

Students who fail to accumulate 210 credits over the programme duration may be considered for one of the following alternative exit awards:

9. **MSc in Advanced Mechanical Engineering:** In order to qualify for the award of the degree of MSc in Advanced Mechanical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the course curriculum. The 180 credits must include ME900 and 120-taught credits from List A and List B.
10. **Postgraduate Diploma in Advanced Mechanical Engineering:** In order to qualify for the award of Postgraduate Diploma in Advanced Mechanical Engineering, a candidate must have accumulated no fewer than 120 credits from List A or List B.
11. **Postgraduate Certificate in Advanced Mechanical Engineering:** In order to qualify for the award of Postgraduate Certificate in Advanced Mechanical Engineering, a candidate must have accumulated no fewer than 60 credits from List A or List B.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

ADVANCED MECHANICAL ENGINEERING

Master of Science in Advanced Mechanical Engineering

Master of Science in Advanced Mechanical Engineering with Aerospace

Master of Science in Advanced Mechanical Engineering with Energy Systems

Master of Science in Advanced Mechanical Engineering with Materials

Postgraduate Diploma in Advanced Mechanical Engineering

Postgraduate Certificate in Advanced Mechanical Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
 - ii. a qualification deemed by the Postgraduate (taught) Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including ME900 Project

MSc in Advanced Mechanical Engineering

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10
ME978	Advanced Materials Processing and Manufacture	5	10

ME981	Research Methodology	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME534	Advanced Topics in Mechanics and Dynamics	5	10
Students for the degree of MSc only:			
ME900	Project	5	60

Optional Modules:

Students must choose 60 credits from List A and List B.

MSc in Advanced Mechanical Engineering with Aerospace

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10
ME978	Advanced Materials Processing and Manufacture	5	10
ME981	Research Methodology	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME534	Advanced Topics in Mechanics and Dynamics	5	10
ME537	Atmospheric Flight Dynamics and Control	5	10
ME533	Lightweight Structures	5	10
ME532	Aerodynamics of Supersonic Aircraft	5	10
Students for the degree of MSc only:			
ME900	Project	5	60

Optional Modules

Students must choose 30 credits of optional modules from Lists A or B.

MSc Advanced Mechanical Engineering with Energy Systems

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10

ME929	Electrical Power Systems	5	10
ME930	Energy Modelling and Monitoring	5	10
ME978	Advanced Materials Processing and Manufacture	5	10
ME981	Research Methodology	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME5XX	Advanced Topics in Mechanics and Dynamics	5	10
Students for the degree of MSc only:			
ME900	Project	5	60

Optional Modules

Students must choose 40 credits of optional modules from Lists A or B.

MSc in Advanced Mechanical Engineering with Materials

Compulsory Modules

Module Code	Module Title	Level	Credits
ME538	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10
ME981	Research Methodology	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME534	Advanced Topics in Mechanics and Dynamics	5	10
16565	Engineering Composites	5	10
ME931	Industrial Metallurgy	5	10
ME978	Advanced Materials Processing and Manufacturing	5	10
Students for the degree of MSc only:			
ME900	Project	5	60

Optional Modules

Students must choose 40 credits of optional modules from Lists A or B.

List A

Module Code	Module Title	Level	Credits
EFXXX	Design Methods and Management	5	10

EF931	Project Management	5	10
EF932	Risk Management	5	10
EF929	Financial Engineering	5	10
AB975	Sustainability	5	10
EV939	Environmental Impact Assessment	5	10
SU902	Concepts and Theories of Sustainability	5	10
SU904	Knowledge systems for sustainability	5	10

List B

Module Code	Module Title	Level	Credits
ME926**	Nuclear Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME928	Energy Systems Analysis	5	10
ME929	Electrical Power Systems	5	10
ME930	Energy Modelling and Monitoring	5	10
ME931	Industrial Metallurgy	5	10
ME945**	Introduction to Open Source Computational Fluid Dynamics	5	10
ME948**	Hydraulics	5	10
ME953	Engineering Artificial Environments	5	10
ME962**	Degradation of Metals and Alloys	5	10
ME963**	Structural Integrity	5	10
ME965**	FEA in Mechanical Engineering Design	5	10
ME966**	Fundamentals of Materials Science	5	10
ME975	Satellite Data Assimilation and Analysis	5	10
ME978	Advanced Materials Processing and Manufacture	5	10
ME979**	Fundamentals of Aeronautical Engineering	5	10
Additional Level 5 modules offered by the Department of Mechanical and Aerospace Engineering, listed in the Mechanical Engineering Undergraduate Regulations.			

**denotes those modules delivered by online learning. A maximum of 20 credits spread over two semesters by online learning may be selected.

Not all optional modules on this list will be available in each academic year.
Exceptionally, such other Level 5 modules as may be approved by the Programme Adviser.

Students for the Postgraduate Diploma only

In addition will have the optional module:

Module Code	Module Title	Level	Credits
ME973	Mechanical and Aerospace Engineering PGDip Dissertation	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Mechanical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project ME900.
9. For the degrees of MSc in Advanced Mechanical Engineering with Aerospace, MSc in Advanced Mechanical Engineering with Energy Systems, Advanced Mechanical Engineering with Materials and Advanced Mechanical Engineering with Power Plant Technologies the candidate must have attained the credits in the appropriate compulsory modules. Candidates may only choose one specialism.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Mechanical Engineering, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Mechanical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

Master of Science in Aerospace Engineering
Postgraduate Diploma in Aerospace Engineering
Postgraduate Certificate in Aerospace Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. First-class or second-class honours degree (or international equivalent) in engineering or physical sciences, or equivalent professional qualification (including knowledge on Thermodynamics, Mechanics, Dynamics and Control). A lower-class degree may be considered with relevant work experience; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time or part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
ME517	Spaceflight Systems	5	10
ME537	Atmospheric Flight Dynamics and Control	5	10
ME533	Lightweight Structures	5	10
ME975	Satellite Data Assimilation and Analysis	5	10
ME981	Research Methodology	5	10
ME538	Professional Skills for Senior Engineers	5	10
Students for the degree of MSc only:			

ME900	Project	5	60

Optional Modules

No more than 20 credits from the following:

Module Code	Module Title	Level	Credits
EF931	Project Management	5	10
EF932	Risk Management	5	10
EFXXX	Design Methods and Management	5	10
DM992	Strategic Procurement Management	5	10
AB975	Sustainability	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
EC978	Natural Resources, Sustainability and Governance	5	10

Modules, bringing taught credit total to 120 credits, to be chosen from:

Module Code	Module Title	Level	Credits
16599	Aerodynamic Propulsion Systems	5	10
ME532	Aerodynamics of Supersonic Aircraft	5	10
ME528	Control Systems Design	5	10
ME512	Spaceflight Mechanics	5	10
ME929	Electrical Power Systems	5	10
ME931	Industrial Metallurgy	5	10
ME962**	Degradation of Metals and Alloys	5	10
ME963**	Structural Integrity	5	10
ME965**	FEA in Mechanical Engineering Design	5	10
ME966**	Fundamentals of Materials Science	5	10
ME978	Advanced Materials Processing and Manufacture	5	10
ME977	Machine Learning for Satellite Data	5	10
CS989	Big Data Fundamentals	5	10
CS986	Fundamentals of Machine Learning for Data Analytics	5	10

EE992	Neural Networks and Deep Learning	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM994	Systems Engineering Concepts	5	10
DM947	Advanced Forming Technology Systems	5	10

**denotes those modules delivered by online learning. A maximum of 20 credits spread over two semesters by online learning may be selected.

Exceptionally, such other Level 5 modules, totalling no more than 20 credits, as approved by the Programme Leader.

Postgraduate Diploma students only will be able to choose the following optional module:

Module Code	Module Title	Level	Credits
ME973	Mechanical and Aerospace Engineering PGDip Dissertation	5	20

Not all optional modules in these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Aerospace Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project ME900.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Aerospace Engineering, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Aerospace Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

ADVANCED NAVAL ARCHITECTURE

Master of Science in Advanced Naval Architecture
Postgraduate Diploma in Advanced Naval Architecture
Postgraduate Certificate in Advanced Naval Architecture

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as detailed below:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits, including NM839 Group Design Project
 - iii. for the degree of MSc – no fewer than 180 credits, including NM965 Individual Project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM835	Ship Operability and Control	5	10
NM962	Advanced Marine Structures	5	10
NM838	Ship Powering in Service	5	10
NM950	Maritime Safety and Risk	5	10
NM973	Maritime Regulatory Framework	5	10
NM840	Advanced Marine Design	5	10
NM963	Theory and Practice of Marine CFD	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits

NM839	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
NM842	Offshore Structural Integrity	5	10
NM845	Shipping Economics and Market Sector Analysis	5	10
NM844	Autonomous Marine Vehicles and Digital Twin	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Naval Architecture, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught modules, 40 from the Group Design Project NM839 and 60 from the Individual Project NM965.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Naval Architecture a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the Group Design Project NM839.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Naval Architecture a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

MARINE ENGINEERING WITH SPECIALISATION IN AUTONOMOUS MARINE VEHICLES

Master of Science in Marine Engineering with Specialisation in Autonomous Marine Vehicles

Postgraduate Diploma in Marine Engineering with Specialisation in Autonomous Marine Vehicles

Postgraduate Certificate in Marine Engineering with Specialisation in Autonomous Marine Vehicles

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as detailed below:
 - i. Postgraduate Certificate – no fewer than 60 credits
 - ii. Postgraduate Diploma – no fewer than 120 credits, including NM964 MSc Group Project (40 credits)
 - iii. degree of MSc – no fewer than 180 credits, including NM965 Individual Project (60 credits)

Compulsory Modules

Module Code	Module Title	Level	Credits
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
EE992	Neural Networks and Deep Learning	5	10
NM835	Ship Operability and Control	5	10
NM844	Autonomous Marine Vehicles and Digital Twin	5	10
NM916	System Availability and Maintenance	5	10
NM951	Marine Engineering Simulation and Modelling	5	10
NM872	On-board Energy Management and Marine Environment Protection	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits
NM964	MSc Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
NM973	Maritime Regulatory Framework	5	10
NM950	Maritime Safety and Risk	5	10
NM845	Shipping Economics and Market Sector Analysis	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader.

Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of MSc in Marine Engineering with Specialisation in Autonomous Marine Vehicles, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught modules, 40 from the Group Project and 60 from the Individual Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Marine Engineering with Specialisation in Autonomous Marine Vehicles a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the MSc Group Project.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Marine Engineering with Specialisation in Autonomous Marine Vehicles a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

MARINE ENGINEERING

Master of Science in Marine Engineering
Postgraduate Diploma in Marine Engineering
Postgraduate Certificate in Marine Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as detailed below:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits, including NM964 Group Project
 - iii. for the degree of MSc no fewer than 180 credits, including NM965 Individual Project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM845	Shipping Economics and Market Sector Analysis	5	10
NM950	Maritime Safety and Risk	5	10
NM951	Marine Engineering Simulation and Modelling	5	10
NM952	Advanced Marine Engineering	5	10
NM980	Onboard Energy Management and Marine Environment Protection	5	10
NM916	Systems Availability and Maintenance	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits

NM964	Group Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
EF931	Project Management	5	10
EF932	Risk Management	5	10
NM844	Autonomous Marine Vehicles and Digital Twin	5	10
NM842	Offshore Structural Integrity	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Not all optional modules will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Marine Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught modules, 40 from the Group Project and 60 from the Individual Project NM965.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Marine Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the Group Project.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Marine Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

OFFSHORE ENERGY TRANSITION

Master of Science in Offshore Energy Transition
Postgraduate Diploma in Offshore Energy Transition
Postgraduate Certificate in Offshore Energy Transition

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
Students shall possess:
 - i. a first or second class Honours degree from a United Kingdom Higher Education Institute; or
 - ii. other qualifications deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above, or
 - iii. be deemed, by the Programme Director acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by part-time online study.

Curriculum

5. All students shall undertake an approved curriculum as detailed below.
 - i. degree of MSc – no fewer than 180 credits including the Individual Dissertation Project (NM965)
 - ii. Postgraduate Diploma – no fewer than 120 credits including the Individual Thesis Project (NM864)
 - iii. Postgraduate Certificate – no fewer than 60 credits from taught modules

Compulsory Modules

Module Code	Module Title	Level	Credits
NM862	Energy Transition Barriers and Readiness	5	10
NM865	Materials and Structures in Marine Environment	5	10
CL941	Environmental Impact Assessment	5	10
NM863	Health and Safety for Offshore Energy Systems	5	10

Students for the **Postgraduate Diploma** and degree of **MSc only**

Module Code	Module Title	Level	Credits
NM864	Individual Thesis Project	5	40

Students for the degree of **MSc only**:

Module Code	Module Title	Level	Credits
NM965	Individual Dissertation Project	5	60

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
NM866	Risk Management and Technology Qualification	5	10
NM867	Techno-Economics of Energy Systems and Integration	5	10
NM868	Offshore Wind Turbines Dynamics I: Environment Modelling and Wave Loading	5	10
NM869	Offshore Wind Turbines Dynamics II: Aero-Hydro-Servo-Elastic Coupled Dynamics with OpenFast	5	10
EE818	Data Analytics and AI for Energy Systems	5	10
NMXXX	Advanced Marine Structures	5	10
NM870	Marine Pipelines	5	10
NM871	Finite Element Analysis of Floating Structures	5	10

Exceptionally, other modules, totalling no more than 20 credits, as approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Students who have previously completed any of the above modules as a part of another degree will be required to undertake an appropriate alternative module approved by the Programme Director.

Progress

6. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

7. The final award will be based on performance in the examinations, coursework and the Individual Thesis and Dissertation Projects.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Offshore Energy Transition, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must be from the taught modules (including core and optional modules), 40 from the individual thesis project and 60 from the individual dissertation project.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Offshore Energy Transition a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules (including core and optional modules) and 40 from the individual thesis project.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Offshore Energy Transition a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught (40 from core modules and 20 from optional modules) element of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

OFFSHORE FLOATING SYSTEMS

Master of Science in Offshore Floating Systems
Postgraduate Diploma in Offshore Floating Systems
Postgraduate Certificate in Offshore Floating Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM842	Offshore Structural Integrity	5	10
NM958	Risers and Mooring Lines	5	10
NM959	Dynamics of Floating Offshore Installations	5	10
NM960	Finite Element Analysis of Floating Structures	5	10
NM950	Maritime Safety and Risk	5	10
NM961	Design and Construction of FPSOs	5	10
NM962	Advanced Marine Structures	5	10
NM963	Theory and Practice of Marine CFD	5	10

Students for the Postgraduate Diploma and degree of MSc only will undertake:

Module Code	Module Title	Level	Credits
NM839	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught modules, 40 from the Group Project and 60 from the Individual Project NM965.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the Group Project.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

OFFSHORE WIND ENERGY

Master of Science in Offshore Wind Energy
Postgraduate Diploma in Offshore Wind Energy
Postgraduate Certificate in Offshore Wind Energy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as detailed below.
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits, including the Compulsory Modules, together with NM839 Group Design Project (40 credits)
 - iii. for the degree of MSc – no fewer than 180 credits, including the Individual Project (60 credits)

Compulsory Modules

Module Code	Module Title	Level	Credits
NM841	Offshore Wind Turbines Dynamics Modelling	5	20
NM842	Offshore Structural Integrity	5	10
NM843	Risk and Reliability Engineering	5	10
EE989	Wind Turbine Technology	5	20
EE821	Wind Generators Modelling and Control	5	10
EE820	Offshore Wind Farm O&M and Economics	5	10

Students for the **Postgraduate Diploma** and degree of **MSc only**

Module Code	Module Title	Level	Credits
NM839	Group Design Project	5	40

Students for the degree of **MSc only**:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

5. Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Director. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Director.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Offshore Wind Energy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must be from the taught modules, 40 from the Group Design Project and 60 from the Individual Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Offshore Wind Energy a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the Group Design Project.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Offshore Wind Energy a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

SHIP AND OFFSHORE STRUCTURES

Master of Science in Ship and Offshore Structures
Postgraduate Diploma in Ship and Offshore Structures
Postgraduate Certificate in Ship and Offshore Structures

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including a group project
 - iii. for the degree of MSc no fewer than 180 credits including an individual project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM963	Theory and Practice of Marine CFD	5	10
NMxx	Dynamics of Fixed and Floating Offshore Structures	5	10
NM962	Advanced Marine Structures	5	10
NM960	Finite Element Analysis of Floating Structures	5	10
NM961	Design and Construction of FPSOs	5	10
NM842	Offshore Structural Integrity	5	10
NM916	System Availability and Maintenance	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits
NM839	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
NM843	Risk and Reliability Engineering	5	10
NM969	Renewable Marine Energy Systems	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Not all optional modules will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. The final award will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Ship and Offshore Structures a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Individual Project NM965.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Ship and Offshore Structures, a candidate must have accumulated no fewer than 120 credits of which 40 must have been awarded in respect of the Group Project.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Ship and Offshore Structures, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

SHIP AND OFFSHORE TECHNOLOGY

Postgraduate Diploma in Ship and Offshore Technology

Postgraduate Certificate in Ship and Offshore Technology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Students will have been admitted in the first instance to the degree of MSc in Ship and Offshore Technology.

Nature of Study

2. The programme is available by full-time study only.

Curriculum

3. See Regulation 8, First Year Curriculum, Master of Science in Ship and Offshore Technology.

Examination, Progress and Final Assessment

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
5. The final award will be based on performance in the examinations and coursework.

Award

6. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Ship and Offshore Technology, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Ship and Offshore Technology, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

SHIP AND OFFSHORE TECHNOLOGY

Master of Science in Ship and Offshore Technology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

ECTS = European Credit Transfer System

SCQF = Scottish Credit and Qualification Framework

1. The programme is offered jointly between the University of Strathclyde and Hamburg University of Technology, and the awards are made in the name of the two Universities. Students shall be subject to the programme regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.

Admission

2. Candidates will be admitted in the first instance to the MSc, and shall normally possess a bachelors degree or equivalent, at the equivalent of 2nd upper class level, in a marine or marine-related engineering subject.
3. In particular, candidates shall have sufficient knowledge on structural mechanics, hydrostatics, fluid dynamics, ship resistance and propulsion, ship design, etc.
4. Candidates shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

5. The normal duration of study for the degree of MSc by full-time study will be 2 years (4 semesters).

Place of Study

6. The programme will be taught at the University of Strathclyde in the first year, and Hamburg University of Technology for the second year.

Mode of Study

7. The programme is available by full-time study only.

Curriculum

8. **First Year** - All students shall spend the first year at the University of Strathclyde and undertake modules amounting to no fewer than 120 credits (60 ECTS, European Credit Transfer System) as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits (UoS/ECTS)
NM843	Risk and Reliability Engineering	5	10/5
NM966	Marine Pipelines	5	10/5

NMxxx	Dynamics of Fixed and Floating Offshore Structures	5	10/5
NM950	Maritime Safety and Risk	5	10/5
NM960	Finite Element Analysis of Floating Structures	5	10/5
NM961	Design and Construction of FPSOs	5	10/5
NM963	Theory and Practice of Marine CFD	5	10/5
NM842	Offshore Structural Integrity	5	10/5
NM983	MSc Group Project – NAME (Ship and Offshore Technology)	5	20/10
NM982	Research Project – Ship and Offshore Technology	5	20/10

Students may be permitted to substitute one approved module from other postgraduate modules offered, including modern languages, subject to approval by the Programme Leader at University of Strathclyde or the Examination Board at Hamburg University of Technology.

Optional Modules

Between First and Second Year, (optional, no credits): Intensive German language course.

9. **Second Year** - Students shall spend their second year at Hamburg University of Technology and undertake modules amounting to no fewer than 60 ECTS (120 credits) as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits (UoS/ECTS)
NM811	Structural Analysis of Ships & Offshore Structures	5	12/6
NM810	Ship Design	5	12/6
NM815	Ship Vibration	5	12/6
NM989	Master Thesis	5	60/30

Optional Modules

No fewer than 24 credits (12 ECTS) chosen from:

Module Code	Module Title	Level	Credits (UoS/ECTS)
NM809	Nonlinear Structural Analysis	5	12/6
NM812	Fatigue Strength of Ships and Offshore Structures	5	12/6

NM808	Innovative CFD Approaches	5	12/6
NM807	Arctic Technology	5	12/6
NM813	Manoeuvrability and Shallow Water Ship Hydrodynamics	5	12/6
NM814	Sea-keeping of Ships and Laboratory On Naval Architecture	5	12/6

With the approval of the Programme Leader, students may be permitted to substitute one approved module from other postgraduate programmes offered.

Examination, Progress and Final Assessment

10. For the degree award of MSc, candidates are required to pass all module examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Master Thesis.
11. In order to progress to the second year of the programme, a student must normally have accumulated no fewer than 120 credits from the agreed curriculum in the first year.
12. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted at least one further attempt to pass the relevant module(s) at the earliest opportunity and no longer than two years after the initial attempt, the number of attempts permitted depending on the regulations at the University of Strathclyde or Hamburg University of Technology, respectively.
13. The final assessment and degree award will be based on the results of the first attempt in the examinations, coursework and the Master Thesis. The results of resits are used for accumulation of credits only.

Award

14. **Degree of MSc:** In order to qualify for the award of the joint degree of MSc in Ship and Offshore Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 SCQF credits (60 ECTS) at the University of Strathclyde and 60 ECTS (120 SCQF credits) at the University of Hamburg, of which 30 ECTS (60 SCQF credits) must have been awarded in respect the Master thesis NM 989.

Transfer

15. Students who do not perform at MSc level may be considered for a Postgraduate Diploma or a Postgraduate Certificate in Ship and Offshore Technology, to be awarded by the University of Strathclyde only.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

SUBSEA AND PIPELINE ENGINEERING

Master of Science in Subsea and Pipeline Engineering
Postgraduate Diploma in Subsea and Pipeline Engineering
Postgraduate Certificate in Subsea and Pipeline Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including NM965 Individual Project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM843	Risk and Reliability Engineering	5	10
NM950	Maritime Safety and Risk	5	10
NM961	Design and Construction of FPSOs	5	10
NM960	Finite Element Analysis of Floating Structures	5	10
NM966	Marine Pipelines	5	10
NM801	Marine Pipeline Integrity	5	10
NM873	Dynamics of Fixed and Floating Offshore Structures	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits
NM839	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
NM962	Advanced Marine Structures	5	10
NM963	Theory and Practice of Marine CFD	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Subsea and Pipeline Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught modules, 40 from the Group Project and 60 from the Individual Project NM965.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Subsea and Pipeline Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught modules and 40 from the Group Project.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Subsea and Pipeline Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

TECHNICAL SHIP MANAGEMENT

Master of Science in Technical Ship Management
Postgraduate Diploma in Technical Ship Management
Postgraduate Certificate in Technical Ship Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In the first instance, students shall normally be admitted to either the Postgraduate Diploma or MSc programme.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits including NM839 group design project
 - iii. for the degree of MSc no fewer than 180 credits including NM965 individual project

Compulsory Modules

Module Code	Module Title	Level	Credits
NM845	Shipping Economics and Market Sector Analysis	5	10
NM973	Maritime Regulatory Framework	5	10
NM916	Systems Availability and Maintenance	5	10
NM980	Onboard Energy Management and Marine Environment Protection	5	10
EF931	Project Management	5	10
NM950	Maritime Safety and Risk	5	10

Students for the Postgraduate Diploma and degree of MSc only:

Module Code	Module Title	Level	Credits
NM964	Group Design Project	5	40

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
NM965	Individual Project	5	60

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
NM838	Ship Powering in Service	5	10
NM844	Autonomous Marine Vehicles and Digital Twin	5	10
EF929	Financial Engineering	5	10

Exceptionally, such other modules totalling no more than 20 credits, as approved by the Programme Leader. Students who have previously completed any module from the list of compulsory modules will be required to undertake an appropriate alternative as approved by the Programme Leader.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. The final award will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must be from the Group Design Project and 60 from the Individual Project NM965.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 taught credits, of which 40 must be from the Group Design Project.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING

GENEALOGICAL, PALAEOGRAPHIC AND HERALDIC STUDIES

Master of Science in Genealogical, Palaeographic and Heraldic Studies
Postgraduate Diploma in Genealogical, Palaeographic and Heraldic Studies
Postgraduate Certificate in Genealogical, Palaeographic and Heraldic Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), and subject to approval by the Programme Director it may be possible for students to gain Recognition of Prior Learning (RPL) up to a maximum of 60 credits.

Duration of Study

3. For students undertaking the full-time MSc programme (180 credits), the minimum period of study will be 18 months and the maximum period of study will be 36 months from the date of registration.
4. For students undertaking either the PG Certificate or the PG Diploma modular part-time programme, the following durations will apply:

Postgraduate Certificate – minimum 24 months / maximum 48 months

Postgraduate Diploma – minimum 18 months / maximum 48 months

Place of Study

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

6. Distance learning, see [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Curriculum

7. All students shall undertake an approved curriculum as follows:

Students for the Postgraduate Certificate will undertake:

Compulsory Modules

Module Code	Module Title	Level	Credits
LL927	Professional Practice and Methodologies 1	5	10
LL945	Repositories, Geography and Administration 1	5	10
LL943	Civil and Church Records 1	5	10

LL915	Family History Studies and Overseas Records 1	5	10
LL944	Property, Law and Inheritance 1	5	10
LL942	Heraldry and Latin 1	5	10

Students for the Postgraduate Diploma and degree of MSc, in addition, will undertake:

Compulsory Modules

Module Code	Module Title	Level	Credits
LL914	Methods of Professional Enquiry and Project 2	5	20
LL925	Genealogy, Heraldry and Social History 2	5	20
LL946	Documents, Palaeography and Research Studies 2	5	20

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
LL953	Professional Enquiry and Development	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
9. The final award will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Genealogical, Palaeographic and Heraldic Studies a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect LL953 Professional Enquiry and Development.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Genealogical, Palaeographic and Heraldic Studies a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING

SAFETY AND RISK MANAGEMENT LEADERSHIP

Postgraduate Certificate in Safety and Risk Management Leadership

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)
2. Progress to the next level of study is normally dependent on performance (see [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)).

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programme is available by part-time study only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

For the Post Graduate Certificate in Safety and Risk Management Leadership all modules below are compulsory and should be taken in the order listed below.

Module Code	Module Title	Level	Credits
LL931	Safety and Risk Management – An Introduction and Key Concepts	5	5
LL934	Legislation and Safety Policy – International and Local Perspective	5	5
LL940	Accident and Incident Investigation	5	5
LL938	Safety Culture, Behaviour and Human Factors	5	5
LL941	Risk Assessment Methodologies	5	5
LL933	Task Based Risk Assessment, Management and Control	5	5
LL932	Process Safety and High Risk Environments	5	5
LL930	Emergency Planning, Public Safety and Working with External Agencies	5	5

LL939	Occupational Exposure and Health Hazards	5	5
LL937	Risk Management in Various Situations	5	5
LL936	Corporate Risk Management and Safety Audit	5	5
LL935	Safety and Risk Management Case Study	5	5

* Note: Individual modules can be taken as part of Continuing Professional Development (CPD) for (i) Safety Related Professionals and (ii) Managers and Leaders.

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Award

8. **Postgraduate Certificate** in Safety and Risk Management Leadership. In order to qualify for the award of the Postgraduate Certificate in Safety and Risk Management a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING

MSC IN SAFETY AND RISK MANAGEMENT

Master in Safety and Risk Management

Postgraduate Diploma in Safety and Risk Management

Postgraduate Certificate in Safety and Risk Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), it may be possible for students to gain Recognition of Prior Learning (RPL) of up to 50%.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programme is available by part-time study only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Students for the degree of Postgraduate Certificate will undertake the following:

Compulsory Modules

Module Code	Module Title	Level	Credits
LL948	Benchmarking Safety and Risk Management Activities	5	20
LL947	Assessing Hazards, Risks and Dangers	5	20
LL952	Optimising Safety and Risk Management Activities	5	20

Students for the degree of MSc and the Postgraduate Diploma in addition will undertake the following:

Compulsory Modules

Module Code	Module Title	Level	Credits
LL949	Corporate Risk Management	5	20

LL954	Psychology of Workplace Activities	5	20
LL950	Ergonomic Factors in Work Activities	5	10
LL951	Methods of Professional Enquiry	5	10

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
LL916	Research Project	5	60

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
9. The final award will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

10. **MSc:** In order to qualify for the award of the degree of MSc in Safety and Risk Management a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the research project LL916.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Safety and Risk Management a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Safety and Risk Management a candidate must have accumulated no fewer than 60 credits from the compulsory modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATCLYDE INSTITUTE OF EDUCATION

APPLIED EDUCATIONAL AND SOCIAL RESEARCH

Master of Science in Applied Educational and Social Research
Postgraduate Diploma in Applied Education and Social Research
Postgraduate Certificate in Applied Education and Social Research

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants will normally be registered initially for the lowest level of qualification offered in the specific programme. Progress to the next level of study is normally dependent on performance (see Regulation 9 below).

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

4. Per the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the MSc and Postgraduate Diploma in Applied Educational & Social Research includes on campus face to face study (full-time option) and off-campus distance learning work for the part-time option.

Mode of Study

5. The programme in Applied Educational & Social Research is delivered in mixed-mode with full-time face to face study and part-time distance learning study.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation
7. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7805	Educational Research and Enquiry	5	20
X7806	Design Strategies in Educational Research	5	20
X7807	Data Collection in Educational Research	5	20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:

Module Code	Module Title	Level	Credits
X7808	Data Analysis in Educational Research	5	40
And either			
X7809	Advanced Quantitative Research Design and Data Analysis.	5	20
Or			
X7810	Advanced Qualitative Research Design and Data Analysis	5	20

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
X7819	Dissertation	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
10. Candidates will be permitted a maximum of 2 attempts at each assessment. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

11. **Degree of MSc in Applied Educational & Social Research:** In order to qualify for the award of the degree of MSc in Applied Educational & Social Research the candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of either the dissertation X7819 or the research projects X7808 and X7809 or X7810.
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Educational & Social Research a student must have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Education and Social Research a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

AUTISM

Master of Education in Autism
Master of Science in Autism
Postgraduate Diploma in Autism
Postgraduate Certificate in Autism

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)) applicants for shall:
 - i. be working in an appropriate professional context, and
 - ii. have suitable access to an appropriate professional context or
 - iii. relevant experience upon which to draw.
2. Applicants will normally be registered for the highest qualification offered in the specific programme. Progress to the next level of study is normally dependent on performance.
3. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)), it may be possible for students to gain Accreditation of Prior Learning (APL) of up to 67% on admission to the Master's degree. Entry to the final 60 credits will only occur if the candidate can demonstrate appropriate research methods knowledge, usually gained through the award of a module of 20 credits or more at Level 5.
4. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Place of Study

6. The MEd Autism is available as an on campus or distance learning programme. The MSc Autism is available as an on campus programme only.

Mode of Study

7. The MEd Autism is available on a part-time basis only. The MSc Autism is available on a full-time basis only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. For the Postgraduate Certificate no fewer than 60 credits
 - ii. For the Postgraduate Diploma no fewer than 120 credits
 - iii. For the degree of MEd or MSc no fewer than 180 credits including a 60 credit dissertation or work-based study

Master of Education in Autism
Postgraduate Diploma in Autism
Postgraduate Certificate in Autism

All students for the Postgraduate Certificate shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X9808	Theory and Practice 1: Conceptual Frameworks in Autism	5	20
X7798	Theory and Practice 2: The Spectrum of Autism	5	20
X7799	Theory and Practice 3: Responding to the Impact of Autism	5	20
Or (distance learning)			
X3944	Theory and Practice 1: Conceptual Frameworks in Autism	5	20
X3945	Theory and Practice 2: The Spectrum of Autism	5	20
X3946	Theory and Practice 3: Responding to the Impact of Autism	5	20

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
XXXXX	Research Methodologies and Reasoning	5	20
X3954	Multi-professional Work and Family Support in Autism	5	20
X3964	Autism and Schooling: The Autism Toolbox	5	20
X3927	Independent Study 1	5	20
X2925	Autism and Related Conditions: Campus	5	20
Or (distance learning) No fewer than 60 credits chosen from			
X3833*	Research Methodologies and Reasoning	5	20
X2902	Multi-professional Work and Family Support in Autism	5	20
X2903	Autism and Schooling: The Autism Toolbox	5	20
X3927	Independent Study Module	5	20
X2924	Autism and Related Conditions: Distance Learning	5	20

*Compulsory for those undertaking X3815 Dissertation

Students for the degree of MEd only

Module Code	Module Title	Level	Credits
X3815	Dissertation	5	60

**Master of Science in Autism
Postgraduate Diploma in Autism
Postgraduate Certificate in Autism**

Compulsory Modules

Module Code	Module Title	Level	Credits
X9808	Theory and Practice 1: Conceptual Frameworks in Autism	5	20
X7798	Theory and Practice 2: The Spectrum of Autism	5	20
X7799	Theory and Practice 3: Responding to the Impact of Autism	5	20
X2923	Autism Placement & Practice Module: Campus	5	20
X3833	Research Methodologies and Reasoning	5	20

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
X3954	Multi-professional Work and Family Support in Autism	5	20
X3964	Autism and Schooling: The Autism Toolbox	5	20
X3927	Independent Study 1	5	20
X2925	Autism and Related Conditions: Campus	5	20

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
X3815	Dissertation	5	60

Progress

8. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

9. In order to progress to the next year of the degree of MEd/MSc, a student must have successfully accumulated at least 60 credits from the programme curriculum.
10. The final award will be based on the student's performance in their assessments.

Award

11. **Degree of MEd:** In order to qualify for the degree of MEd in Autism, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project X3815 Dissertation.
12. **Degree of MSc:** In order to qualify for the degree of MSc in Autism, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project X3815 Dissertation.
13. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Autism, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
14. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Autism, a candidate must have accumulated no fewer than 60 credits from the taught compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

CHILDREN AND YOUNG PEOPLE'S LITERACY, LANGUAGE & LITERATURE

EDUCATION STUDIES

INCLUSIVE EDUCATION

PROFESSIONAL PRACTICE

SPECIALIST QUALIFICATION FOR HEADSHIP (INTO HEADSHIP)

PHILOSOPHY WITH CHILDREN

SUPPORTING BILINGUAL LEARNERS IN THE MAINSTREAM CLASSROOM

SUPPORTING TEACHER LEARNING

THE CREATIVE CHILD & THE CREATIVE PRACTITIONER

HEALTH, WELLBEING AND SUSTAINABILITY

TECHNOLOGY ENHANCED TEACHING AND LEARNING (DIGITAL EDUCATION)

Master of Education in Children and Young People's Literacy, Language & Literature
Postgraduate Diploma in Children and Young People's Literacy, Language & Literature

Postgraduate Certificate in Children and Young People's Literacy, Language & Literature

Master of Education in Education Studies

Master of Science in Education Studies

Master of Science in Education Studies (Blended Learning)

Postgraduate Diploma in Education Studies

Postgraduate Certificate in Education Studies

Master of Education in Inclusive Education

Postgraduate Diploma in Inclusive Education

Postgraduate Certificate in Inclusive Education

Master of Education in Professional Practice

Postgraduate Diploma in Professional Practice

Postgraduate Certificate in Professional Practice

Postgraduate Certificate 'Specialist Qualification for Headship' (Into Headship)

Postgraduate Certificate in Philosophy with Children

Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Postgraduate Certificate in Supporting Teacher Learning

Postgraduate Certificate in The Creative Child & The Creative Practitioner

Postgraduate Certificate in Health, Wellbeing and Sustainability

Postgraduate Certificate in Technology Enhanced Teaching and Learning (Digital Education)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)) applicants for Postgraduate Taught Programmes shall:

- i. be working in an appropriate professional context, and
 - ii. have suitable access to an appropriate professional context or
 - iii. relevant experience upon which to draw.
- 3. Applicants will normally be registered for the highest qualification offered in the specific programme. Progress to the next level of study is normally dependent on performance.
- 4. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)), it may be possible for students to gain Accreditation of Prior Learning (APL) of up to 67% on admission to the Master's degree. Entry to the final 60 credits will only occur if the candidate can demonstrate appropriate research methods knowledge, usually gained through the award of a module of 20 credits or more at Level 5.

Duration of Study

- 5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Place of Study

- 6. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)), all PGT programmes make use of distance learning and blended learning as well as on campus delivery as appropriate.

Mode of Study

- 7. All programmes are available on a part-time and/or distance learning basis only with the exception of:
 - i. MSc in Education Studies
 - ii. MSc in Education Studies (Blended Learning)
 - iii. MSc in Educational Leadership

Curriculum

- 8. All students shall undertake modules, subject to the approval of the Programme Leader, within one of the following pathways:
 - i. For the Postgraduate Certificate no fewer than 60 credits
 - ii. For the Postgraduate Diploma no fewer than 120 credits
 - iii. For the degree of MEd or MSc no fewer than 180 credits including a 60 credit dissertation or work-based study

Master of Education in Children and Young People's Literacy, Language & Literature
Postgraduate Diploma in Children and Young People's Literacy, Language & Literature
Postgraduate Certificate in Children and Young People's Literacy, Language & Literature

Students registering for a **Postgraduate Certificate** shall undertake an approved curriculum as follows:

No less than 60 credits from:

Module Code	Module Title	Level	Credits
X3986	Environments for Learning Literacy, Language and Literature	5	20
X3971	Literacy for Subject Disciplines in Schools	5	20
X3988	Children's Literature and Literary Theory	5	20
X3990	Creativity, Literacies and Emotional Social Development	5	20
X3970	Interactions Between Language and Literacy Development in Childhood	5	20
X3956	Digital Literacies	5	20
X3801	Supporting Literacy Development	5	20

Students for the degree of **Postgraduate Diploma** will undertake no less than 100 credits from the modules listed above and

Module Code	Module Title	Level	Credits
X3833	Research Methodologies and Reasoning	5	20

Students for the degree of **MEd**

Module Code	Module Title	Level	Credits
X3815	Dissertation	5	60

Master of Education in Education Studies
Master of Science in Education Studies
Master of Science in Education Studies (Blended Learning)
Postgraduate Diploma in Education Studies
Postgraduate Certificate in Education Studies

All students for the **MSc Education Studies** shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3815	Dissertation	5	60
And			
X3839	Thinking about Education	5	20
Or			
X2908	Thinking about Education	5	20
And			
X3833	Research Methodologies and Reasoning	5	20
Or			
X2912	Research Methodologies and Reasoning	5	20
And			
X3952	Frameworks for Understanding Learning	5	20
Or			
X2911	Frameworks for Understanding Learning	5	20
And			
X9647	Globalisation, Society and Education Policy	5	20
Or			
X2909	Globalisation, Society and Education Policy	5	20

Optional Modules

No fewer than 40 credits as approved by the programme director.

All students for the **MEd Education Studies** and **MSc Education Studies (Blended Learning)** shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3815	Dissertation	5	60
X3833	Research Methodologies and Reasoning	5	20

Optional Modules

No fewer than 100 credits as approved by the programme director.

Master of Education in Inclusive Education
Postgraduate Diploma in Inclusive Education
Postgraduate Certificate in Inclusive Education

All students for the **Postgraduate Certificate** shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X9743	Understanding Inclusive Education 1	5	20
X9744	Providing Effective Educational Support	5	20
X9701	Inclusive Pedagogy	5	20

Students for the degree of **MEd and Postgraduate Diploma** in addition will undertake:

Optional Modules

No fewer than 60 credits as approved by the programme director.

Students for the degree of **MEd only**

Module Code	Module Title	Level	Credit
X3815	Dissertation	5	60

Master of Education in Professional Practice
Postgraduate Diploma in Professional Practice
Postgraduate Certificate in Professional Practice

All students for the **Postgraduate Certificate** shall undertake an approved curriculum as follows:

Optional modules

No fewer than 60 credits as approved by the programme director.

Students for the degree of **MEd and Postgraduate Diploma** in addition will undertake no fewer than 60 credits as approved by the programme director.

Students for the degree of **MEd only**

Module Code	Module Title	Level	Credit
X3815	Dissertation	5	60
X3833	Research Methodologies and Reasoning	5	20

Postgraduate Certificate ‘Specialist Qualification for Headship’ (Into Headship)

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3993	Into Headship 1	5	20
X3994	Into Headship 2	5	40

Postgraduate Certificate in Philosophy with Children

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3902	Introduction to Philosophy and Philosophical Practice	5	20
X3901	Philosophy with Children: Theory	5	20
X3903	Philosophy with Children: Facilitation	5	20

Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3941	Theory and Practice in Supporting Bilingual Learners	5	20
X3942	Policy and Practice in Supporting Bilingual Learners	5	20
X3943	Action Research to Support Bilingual Learners	5	20

Postgraduate Certificate in Supporting Teacher Learning

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X9797	How Teachers Learn	5	20
X9798	Contemporary Contexts for Teacher Learning and Teachers' Work	5	20
X9799	Supporting Professional Learning in the Workplace	5	20

Postgraduate Certificate in The Creative Child & The Creative Practitioner

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3812	Creative Practice and Pedagogy	5	20
X3829	What is Creativity? Theory, Policy and Curriculum	5	20
X3817	Charting the Child's Creative Journey: Empowering Children's Creativity	5	20

Postgraduate Certificate in Health, Wellbeing and Sustainability

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X9722	Health & Wellbeing: Policy, Practice & Pedagogy	5	20
X3969	Learning for Sustainability	5	20

X3992	Developing Effective Practice in Youth Health Promotion	5	20

Postgraduate Certificate in Technology Enhanced Teaching and Learning (Digital Education)

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3900	Technology Enhanced Learning: Theory and Practice	5	20
X3862	Instructional Design and Technology	5	20
X3860	Digital Media for Learning	5	20
Or (distance learning)			
X2921	Technology Enhanced Learning: Theory and Practice	5	20
X2920	Instructional Design and Technology	5	20
X2919	Digital Media for Learning	5	20

Examination, Progress and Final Assessment

9. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
10. The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

11. **MEd or MSc** in named pathway: In order to qualify for the award of the degree of MEd or MSc in a named pathway the candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits of which 120 must be in their chosen named pathway and 60 must have been awarded in respect of either the dissertation or the work-based projects in their chosen named pathway.
12. **Postgraduate Diploma** in named pathway: In order to qualify for the award of the Postgraduate Diploma a student must normally have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Certificate** in named pathway: In order to qualify for the award of the Postgraduate Certificate a student must normally have accumulated no fewer than 60 credits from the taught modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EARLY YEARS PEDAGOGUE

Master of Education in Early Years Pedagogue
Postgraduate Diploma in Early Years Pedagogue
Postgraduate Certificate in Early Years Pedagogue

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall:
 - i. be working in an appropriate professional context, and
 - ii. have suitable access to an appropriate professional context, or
 - iii. relevant experience upon which to draw.
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)), it may be possible for students to gain Accreditation of Prior Learning (APL) of up to 67% on admission to the Master's degree. Entry to the final 60 credits will only occur if the candidate can demonstrate appropriate research methods knowledge, usually gained through the award of a module of 20 credits or more at Level 5.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

4. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

5. The programme is available on a part-time distance learning basis.

Place of study

6. The MEd distance learning programme includes some on campus delivery.

Curriculum

7. All students shall undertake and approved curriculum as follows:
 - i. For the Postgraduate Certificate no fewer than 60 credits.
 - ii. For the Postgraduate Diploma no fewer than 120 credits.
 - iii. For the degree of MEd or MSc no fewer than 180 credits including a 60 credit dissertation or work-based study.

All students for the **Postgraduate Certificate** shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X2934	Efficacy and Praxis in the Early Years	5	20
X2931	Theory and Practice of Voice in Early Childhood	5	20
X2932	Enabling Environments: Pulling the Threads of Thinking Together	5	20

Students for the degree of **MEd and Postgraduate Diploma** in addition will undertake:

Compulsory Modules

Module Code	Module Title	Level	Credits
X9876	The Connected Child: Early Child Development	5	20
X2933	Planning for Change in the Early Years: Why Context Matters	5	20
X2935	Enquiry and Reflexivity in Child-Centred Pedagogy & Practice	5	20

Students for the degree of **MEd** only

Module Code	Module Title	Level	Credits
X3815	Dissertation	5	60

Progress

8. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
9. In order to progress to the Year 2 of the programme, a student must have successfully accumulated 60 credits from the compulsory modules of the programme curriculum.
10. In order to progress to Year 3 and the degree of MSc, a student must have accumulated 120 credits from the taught modules of the programme curriculum.
11. The final award will be based on the student's performance in their assessments.

Award

12. **Degree of MEd:** In order to qualify for the degree of MEd in Early Years Pedagogy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project X3815 Dissertation.
13. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Early Years Pedagogy, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
14. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Early Years Pedagogy, a candidate must have accumulated no fewer than 60 credits from the taught compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATION (INTERNATIONAL)

Postgraduate Certificate in Education (International)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, applicants for the programme must be working in an appropriate professional context or have suitable access to an appropriate professional context.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programme is delivered online.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X9651	Practitioner Enquiry for Professional Learning	5	20
X9652	International Education: Issues, Debates and Challenges	5	20
X9653	Learning, Teaching and Professionalism in International Contexts	5	20

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
The final assessment will be based on academic performance in the assessments undertaken.

Award

8. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Education (International) a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATIONAL ISSUES AND IMPACT

Postgraduate Certificate in Educational Issues and Impact

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, applicants for the programme must be working in an appropriate professional context or have suitable access to an appropriate professional context.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

4. The programme is delivered in a blended way with two modules delivered in Pakistan and one delivered online.

Mode of Study

5. The programme is delivered by part-time study.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X3848	Educational Perspectives and Policies	5	20
X9651	Practitioner Enquiry for Professional Learning	5	20
X9XXX	Learning Teaching and Professionalism in International Contexts	5	20

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. Candidates will be permitted a maximum of 2 attempts at each assessment. The final assessment will be based on performance in the examinations where undertaken, and coursework.

Award

9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Educational Issues and Impact a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATIONAL ISSUES, IMPACT AND IMMERSION

Postgraduate Certificate in Educational Issues, Impact and Immersion

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

3. The programme involves placement in schools for which a student must be a member of the Protecting Vulnerable Groups (PVG) Scheme. If they are already a member, they must apply for an update.

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X3853	Educational Perspectives and Policies	5	20
X3855	Principles and Policy in Practice	5	10
X3852	Professional Specialisation (ELT)	5	10
X3854	Professional Placement	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
Candidates will be permitted a maximum of 2 attempts at each assessment. The final assessment will be based on performance in the examinations where undertaken, coursework, and the dissertation where undertaken.

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Educational Issues, Impact and Immersion, a student must have accumulated no fewer than 60 credits from the taught curriculum of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATIONAL LEADERSHIP

Master of Education in Educational Leadership
Master of Science in Educational Leadership
Postgraduate Diploma in Educational Leadership
Postgraduate Certificate in Educational Leadership

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall:
 - i. be working in an appropriate professional context, and
 - ii. have suitable access to an appropriate professional context or
 - iii. relevant experience upon which to draw.
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)), it may be possible for students to gain Accreditation of Prior Learning (APL) of up to 67% on admission to the Master's degree. Entry to the final 60 credits will only occur if the candidate can demonstrate appropriate research methods knowledge, usually gained through the award of a module of 20 credits or more at Level 5.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

4. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

5. The MEd programme is available on a part-time distance learning basis. The MSc programme is available on a part-time online learning basis.

Place of study

6. The MEd distance learning programme includes some on campus delivery.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. For the Postgraduate Certificate no fewer than 60 credits.
 - ii. For the Postgraduate Diploma no fewer than 120 credits.
 - iii. For the degree of MEd or MSc no fewer than 180 credits including a 60 credit dissertation or work-based study.

All students for the **Postgraduate Certificate** shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	Educational leadership for the 21 st Century	5	20
XXXXX	Leadership in your educational context	5	20
XXXXX	Developing as a leader of change	5	20
Or (Online version)			
XXXXX	Educational leadership for the 21 st Century	5	20
XXXXX	Leadership in your educational context	5	20
XXXXX	Developing as a leader of change	5	20

Students for the degree of **MSc/MEd and Postgraduate Diploma** in addition will undertake:

Compulsory Modules

Module Code	Module Title	Level	Credit
X3833	Research Methodologies and Reasoning*	5	20
Or (Online version)			
XXXXX	Research Methodologies and Reasoning	5	20

Optional Modules*

Students should select 40 credits from the table below as appropriate to their programme.

Module Code	Module Title	Level	Credits
XXXXX	Critical and dynamic leadership	5	20
XXXXX	Leading sustainable strategic change	5	20
Or (online version)			
XXXXX	Critical and dynamic leadership	5	20
XXXXX	Leading sustainable strategic change	5	20

Where this is not possible, no fewer than 40 credits as approved by the Programme Director from other level 5 Strathclyde Institute of Education modules.

*Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of **MSc/MEd** in addition will undertake:

Module Code	Module Title	Level	Credits
X3815	Dissertation**	5	60
Or			
XXXXX	Work based Project	5	60

** Compulsory for students who are not currently employed in an appropriate professional context.

Subject to approval by the programme director and compliance with Regulation 2 above, MEd students who have completed a suitable postgraduate diploma or equivalent, may be offered an alternative to X3815 as follows:

Module Code	Module Title	Level	Credits
X3923	Dissertation	5	40

Progress

8. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
9. In order to progress to the next year of the degree of MSc/MEd, a student must have successfully accumulated at least 60 credits from the programme curriculum.
10. The final award will be based on the student's performance in their assessments.

Award

11. **Degree of MEd:** In order to qualify for the degree of MEd in Educational Leadership, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project X3815 Dissertation or XXXXX Work based Project, or, subject to approval by the Programme Director and compliance with Regulation 2 above, 40 credits must have been awarded in respect of the research project X3923.
12. **Degree of MSc:** In order to qualify for the degree of MSc in Educational Leadership, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project X3815 Dissertation or XXXXX Work based Project, or, subject to approval by the Programme Director and compliance with Regulation 2 above, 40 credits must have been awarded in respect of the research project X3923.
13. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Educational Leadership, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
14. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Educational Leadership, a candidate must have accumulated no fewer than 60 credits from the taught compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

ENGINEERING STEM LEARNING

Postgraduate Certificate in Engineering Stem Learning

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Curriculum

1. All students shall undertake an approved curriculum delivered by Primary Engineer Programmes as follows:

Compulsory Modules

Module Code	Module Title	Levels	Credits
X3837	STEM Educational Landscape	5	20
X3836	Professional Enquiry	5	40

Examination, Progress and Final Assessment

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
3. The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

4. **Postgraduate Certificate** in named pathway: In order to qualify for the award of the Postgraduate Certificate a student must normally have accumulated no fewer than 60 credits from the taught modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

GAELIC IMMERSION FOR TEACHERS

Postgraduate Diploma in Gaelic Immersion for Teachers

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all applicants must be registered with the General Teaching Council for Scotland and have achieved the Standard for Full Registration. They must have intermediate competence in Gaelic.

Duration of Study

3. The minimum period of study is 9 months. The maximum period is as set out in the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The Postgraduate Diploma in Gaelic Immersion for Teachers is available by full-time study only.

Place of Study

5. The programme includes study at the University of Strathclyde and the University of Edinburgh, and placements in Gaelic-medium schools and other appropriate work settings.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
X3959	Gaelic 1: Threshold (CEFR B1)	5	20
X3966	Gaelic 2: Vantage (CEFR B2)	5	20
X3967	Gaelic 3: Proficiency (CEFR C1)	5	20
X7927	Pedagogy 1: Language Learning and Teaching	5	20
X7928	Pedagogy 2: Gaelic Medium Education: Provision, Policy, Practice	5	20
X7929	Pedagogy 3: Bilingualism	5	20

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#). Programme delivery, materials, assessed work and oral examination shall be in Gaelic or English unless stated otherwise in individual programme regulations and published in the Programme Handbook.

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), where a programme includes an integrative/reflective module that will draw on work in other modules, or where a task is dually assessed for both linguistic and pedagogical performance, each item of work may only be assessed in one module.

Award

10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Gaelic Immersion for Teachers, a student must have accumulated no fewer than 120 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

LEADING LEARNING & TRANSFORMATIVE PRACTICE IN COLLEGES (WITH TQFE)

Postgraduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE).

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants for the programme must also satisfy the Scottish Government's minimum requirements for entry to an approved Teaching Qualification in Further Education (including access to a suitable work-based setting to undertake 120 hours of teaching practice).

Duration of Study

2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the programme can be undertaken on a minimum duration of 9 months and maximum 24 months (standard route) or minimum duration of 21 months and maximum 36 months (extended route).

Place of Study

3. The programme is delivered online.

Mode of Study

4. The programme is delivered by part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X2914	Leading Learning in Colleges (SCQF Level 11)	5	20
X2915	Transforming Practice through Enquiry (SCQF Level 11)	5	20
X2916	Achieving Professional Standards (SCQF Level 11)	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE) a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

Postgraduate Certificate in Learning and Teaching in Higher Education

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Notwithstanding the provisions of the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall normally be employed in an organisation which has made a commitment agreed with the Programme Director, to support the practice-based learning requirements.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
The maximum period of study for completing the programme shall be 36 months.

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programme is available by part-time study only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
LT905	Becoming an Effective Learning and Teaching Practitioner	5	20
LT902	Developing a Portfolio of Excellence in Learning and Teaching	5	20

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
LT903	Supervising Postgraduate Research	5	20
LT906	Taking a Scholarly Approach to Learning and Teaching	5	20

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Award

8. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate a candidate must have accumulated no fewer than 60 credits from the taught modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OSF EDUCATION

PSYCHOANALYTIC OBSERVATION AND REFLECTIVE PRACTICE: THERAPEUTIC WORK WITH CHILDREN AND YOUNG PEOPLE

Master of Science in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People

Postgraduate Diploma in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People

Postgraduate Certificate in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Per the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. one year's post qualifying experience deemed appropriate by the Programme Director, and
 - ii. have continuing professional contact with children and/or young people, throughout the period of study.
2. Applicants will normally be registered initially for the lowest level of qualification offered in the specific programme. Progress to the next level of study is normally dependent on performance, see [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#). The minimum duration of study shall be:

i. MSc	90 weeks
ii. Postgraduate Diploma	60 weeks
iii. Postgraduate Certificate	30 weeks

Place of Study

5. As permitted by [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) the MSc, Postgraduate Diploma and Postgraduate Certificate in Psychoanalytic Observation and Reflective Practice: Therapeutic Skills with Children and Young People are delivered at Human Development Scotland (HDS).

Mode of Study

6. The programme is available by part-time study only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. For the Postgraduate Certificate no fewer than 60 credits
 - ii. For the Postgraduate Diploma no fewer than 120 credits

- iii. For the degree of MSc no fewer than 180 credits

Students undertaking the Postgraduate Certificate and Postgraduate Diploma should undertake the following:

Compulsory Modules

Module Code	Module Title	Level	Credits
X9637	Infant Observation 1	5	20
X9638	Infant Observation 2	5	20
X9643	Young Child Observation	5	20
X9639	Work Discussion and Institutional Processes	5	20
X9640	Personality Development	5	10
X9641	A History of Psychoanalytic Thinking	5	20
X9642	Child Development Research	5	10

Students wishing to progress to the degree of MSc must undertake the following module:

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
X9636	Professional Enquiry and Development	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
10. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) candidates will be permitted a maximum of 2 attempts at each assessment.
11. The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

8. Degree of **MSc** in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People: In order to qualify for the award of the degree of MSc in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation X9636.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

RESEARCHER PROFESSIONAL DEVELOPMENT

Postgraduate Certificate in Researcher Professional Development

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

2. [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)
The normal duration of study will be 36 months.
3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Codes	Title	Level	Credits
RD901	Researcher Knowledge and Intellectual Abilities	5	20
RD902	Researcher Personal Effectiveness	5	10
RD903	Research Governance and Organisation	5	10
RD904	Researcher Engagement, Influence and Impact	5	10
RD905	Researcher Professional Development Elective	5	10

Examination, Progress and Final Assessment

5. [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)
6. The final assessment will be based on performance in the examinations and coursework.

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Researcher Professional Development, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

SECONDARY EDUCATION (SUBJECT)

Master of Science in Secondary Education (subject)
Professional Graduate Diploma in Education (Secondary in a named subject)
Postgraduate Diploma in Education Studies
Postgraduate Certificate in Education Studies

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Level](#) applicants must possess:
 - i. entry qualifications which meet the requirements of the GTCS Memorandum on Entry Requirements to Programmes of Initial Teacher Education in Scotland 2021.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
3. Applicants are normally required to submit to an interview.

Duration of study

4. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), the minimum duration of study shall be 168 months.

Mode of study

5. The programme is available by full-time study only.

Place of study

6. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), the programme involves placements in schools and other establishments for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc Secondary Education (subject) no fewer than 200 credits including a 60 credit dissertation, including all compulsory Professional Graduate Diploma in Education (PGDE) modules including 80 at Level 5 and 40 of these in the chosen subject.
 - ii. for the PGDE, no fewer than 120 credits all from the compulsory PGDE Modules.

Compulsory Modules

All students shall undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
X9573	Educational Studies; Professional Values 2	5	20

X9574	Professional Learning Through Enquiry 2	5	20
X7460	Professional Skills: Professional Practice 1	4	40
	Module in the chosen subject specialisation listed in the Professional Graduate Diploma in Education	5	40
X3833	Research Methodologies and Reasoning	5	20
X3815	Dissertation	5	60

Progress

8. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
9. The final award will be based on the student's performance in their assessments.

Award

10. **Degree of MSc Secondary Education (subject):** In order to qualify for the degree of MSc in Secondary Education (subject), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 200 credits including all compulsory modules, of which 60 credits must have been awarded in respect of X3815 Dissertation and 120 credits must come from the Professional Graduate Diploma in Education curriculum of which 80 credits must be at Level 5 including 40 credits in the named subject. Students achieving the award of MSc in Secondary Education (subject) will be eligible to seek provisional registration with the General Teaching Council, Scotland.
11. **Professional Graduate Diploma in Education (Secondary in a named subject):** In order to qualify for the award of Professional Graduate Diploma in Education (Secondary in named subject) a candidate must have accumulated no fewer than 120 credits from the PGDE programme curriculum including those from modules in the named subject. Students achieving the award of Professional Graduate Diploma in Education (Secondary in a named subject) will be eligible to seek provisional registration with the General Teaching Council, Scotland.
12. **Postgraduate Diploma in Education Studies:** In order to qualify for the award of Postgraduate Diploma in Education Studies a candidate must have accumulated no fewer than 120 credits from the programme curriculum. Students achieving the award of Postgraduate Diploma in Education Studies will **not** be eligible to seek provisional registration with the General Teaching Council, Scotland.
13. **Postgraduate Certificate in Education Studies:** In order to qualify for the award of the Postgraduate Certificate in Education Studies, a candidate must have accumulated no fewer than 60 credits from the programme curriculum. Students achieving the award of Postgraduate Certificate in Education Studies will **not** be eligible to seek provisional registration with the General Teaching Council, Scotland.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

SOCIAL RESEARCH METHODS

Postgraduate Certificate in Social Research Methods

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants are normally required to possess a Master (MSc) degree of a United Kingdom university or a qualification deemed to be equivalent by the Senate.

Duration of Study

2. The programme will normally be complete within 9 months (full-time) or 18 months (part-time).

Place of Study

3. The programme will involve study time based at Strathclyde.

Mode of Study

4. The programme is available by full-time or part-time.

Curriculum

5. All students shall undertake modules amounting to no fewer than 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5981	Perspectives on Social Research	5	20
L2905	Quantitative Methods: Survey Methods	5	20
L2909	Qualitative Methods	5	20

Examination, Progress and Final Assessment

6. The final assessment will be based on performance in the examinations, coursework and the dissertation.

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate certificate in Social Research Methods, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

TESOL AND INTERCULTURAL COMMUNICATION

Master of Science in TESOL and Intercultural Communication
Postgraduate Diploma in TESOL and Intercultural Communication
Postgraduate Certificate in TESOL and Intercultural Communication

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

3. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Mode of Study

4. The programmes are available by full-time study and by part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
X3842	Language Learning in a Multilingual World	5	20
QQ976	Introduction to Intercultural Communication	5	20

Optional Modules

Module Code	Module Title	Level	Credits
Either			
X3833	Research Methodologies and Reasoning	5	20
Or			
QQ939	Research Skills in Literature, Culture and Communication	5	20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:

Compulsory Modules

Module Code	Module Title	Level	Credits
X3841	Contemporary Issues in Language Teaching	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
X3859	Curriculum Development in TESOL	5	20
X3863	Digital Technologies in Language Teaching	5	20
X3927	Independent Study 1	5	20
QQ903	Narrative Processing Across Languages, Cultures and Media	5	20
QQ988	Contemporary Scottish Cultural Studies	5	20

Not all optional modules on this list will be available in each academic year.

Any such other Level 5 modules chosen from other programmes offered by the University as may be approved by the Head of Department offering the module and the Programme Leader for this programme.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
Either			
X3815	Dissertation	5	60
Or			
QQ980	Dissertation in Interdisciplinary English Studies	5	60

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

8. **MSc:** In order to qualify for the award of the degree of MSc in TESOL and Intercultural Communication the candidate must have accumulated no fewer than 180 credits of which

60 must have been awarded in respect of the dissertation X3815 or QQ850.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in TESOL and Intercultural Communication a student must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in TESOL and Intercultural Communication a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

LANGUAGE TEACHING IN GLOBAL CONTEXTS

Master of Science in Language Teaching in Global Contexts
Postgraduate Diploma in Language Teaching in Global Contexts
Postgraduate Certificate in Language Teaching in Global Contexts

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

The programme is offered jointly between the University of Strathclyde and collaborative partners, and the awards are made separately by the two Universities i.e. a double award. Students shall be subject to the programme regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.

Admission

1. See the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#)
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the minimum period of study for the Masters shall be 36 months. The maximum duration of study will be 72 months.

Mode of study

4. The programme is available by full-time study only.

Place of study

5. The place of study will be as follows:
 - i. First year: this will take place at the partner institution with online study with University of Strathclyde.
 - ii. Second year: this is a placement year which will take place within Scotland with some online study with University of Strathclyde.
 - iii. Third year: this will take place at the University of Strathclyde, on campus.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 240 credits including a 40 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Year 1

Module Code	Module Title	Level	Credits
XXXXX	External study from partner	5	80

XXXXX*	Professional Skills: Professional Practice – International	5	20
XXXXX*	Education Studies: Professional Values	5	20

* these modules will be delivered online by the University of Strathclyde

Year 2

Students will undertake a year long non-credit bearing placement as well as the following module:

Module Code	Module Title	Level	Credits
XXXXX	Professional Learning Through Enquiry (International)	5	20

Year 3

Module Code	Module Title	Level	Credits
X9592	Professional Skills: Curriculum and Pedagogy Primary 2	5	40
X2912	Research Methodologies and Reasoning	5	20
XXXXX	Dissertation (Language Learning in Global Context)	5	40

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
8. In order to progress to Year 2, a student must have accumulated at least 100 credits from the curriculum.
9. In order to progress to Year 3, a student must have accumulated at least 120 credits from the curriculum.
10. The final award will be based on the student's performance in their assessments.

Award

11. **Degree of MSc:** In order to qualify for the degree of MSc in Language Teaching in Global Contexts, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 240 credits, of which 40 credits must have been awarded in respect of the XXXXX Dissertation (Language Learning in Global Context).
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Language Teaching in Global Contexts, a candidate must have accumulated no fewer than 120 credits from the programme curriculum with at least 60 credits of modules delivered by the University of Strathclyde.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Language Teaching in Global Contexts, a candidate must have accumulated no fewer than 60 credits from the programme curriculum with at least 40 credits of modules delivered by the University of Strathclyde.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

DATA SCIENCE FOR POLITICS AND POLICYMAKING

Master of Science in Data Science for Politics and Policymaking
Postgraduate Diploma in Data Science for Politics and Policymaking
Postgraduate Certificate in Data Science for Politics and Policymaking

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The MSc programme is available by full-time and part time study.

Place of Study

4. The programmes are available on campus only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS982	Big Data Technologies	5	20
CS990	Database Fundamentals	5	10
CS985	Machine Learning for Data Analytics	5	20
L2905	Quantitative Methods 1**	5	20

In exceptional circumstances, a compulsory module may be substituted for an equivalent module at the discretion of the Programme Leader.

** Subject to approval by the programme leader, L2908 Quantitative Methods 2 or L2909 Qualitative Methods may be substituted, where a student's previous learning is demonstrated.

Optional Modules

40 credits from:

Module Code	Module Title	Level	Credits
L5501	Perspectives on Social Research	5	20
And			
L5976	Welfare Concepts and Ideas*	5	20
Or			
L2941	Principles of Research Design	5	20
And			
L2917	Policy Analysis*	5	20

Equivalent or alternative modules may be substituted with the agreement of the programme leader.

* Departments within Humanities and Social Sciences or Strathclyde Business School may substitute another policy-oriented module to tailor the MSc programme to a specific policy area.

For the MSc:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60
Or			
L2974	Placement Dissertation	5	60

Not all optional modules on this list will be available in each academic year.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and dissertation.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation L2933 or Placement Dissertation L2974.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 60 credits.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

INTERNATIONAL RELATIONS

Master of Science in International Relations
Postgraduate Diploma International Relations
Postgraduate Certificate International Relations

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Social Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Place of Study

5. The programmes are available on campus only.

Curriculum

6. All full-time students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2941	Principles of Research Design	5	20

An equivalent module may be substituted with agreement of the programme leader.

Optional Modules

No fewer than 40 credits (and up to 100 credits) to be chosen from modules in List A.

List A

Module Code	Module Title	Level	Credits
L2912	International Institutions and Regimes	5	20

L2962	Contemporary International Relations	5	20
L2963	Contemporary Security Challenges and Responses	5	20
L2964	Debating International Relations Theory	5	20
L2965	Feminism and International Relations	5	20
L2991	International Political Economy	5	20
L2994	Politics of Non-Democratic Regimes	5	20
L2805	Human Rights	5	20
L2803	Advanced Topics in Civil Conflict	5	20
L2802	Global Nuclear Politics	5	20

Equivalent modules may be substituted with the agreement of the programme leader.

The remaining credits to be selected from List B:

List B

Module Code	Module Title	Level	Credits
L2905	Quantitative Methods 1	5	20
L2908	Quantitative Methods 2	5	20
L2909	Qualitative Methods	5	20
L2992	Comparative Political Economy	5	20
L2993	Comparative Political Institutions	5	20
L2914	European Governance	5	20
L2916	Comparative Public Policy	5	20
L2917	Policy Analysis	5	20
M9920	Law of the World Trade Organisations	5	20
M9921	International Environmental Law	5	20
M9864	Global Health, Rights and Development	5	20
V1993	Diplomacy: Evolution, Theory and Practice	5	20
V1994	Embassies in Crisis	5	20

Any level 5 module offered by the Department of Government and Public Policy may also be chosen. Up to a maximum of 40 credits at level 5 from other programmes offered by the Faculty of Humanities and Social Sciences may be approved by the Programme Leader and Department(s) offering the module(s).

Not all optional modules on these lists will be available in each academic year.

For students on MSc:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60
Or			
L2974	Placement Dissertation	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Programme Handbook.
9. The final award will be based on performance in the examinations, the coursework and the dissertation.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in International Relations, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of either the dissertation L2933 or placement dissertation L2974.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Relations, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Relations, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

HUMANITIES AND SOCIAL SCIENCES

GOVERNMENT AND PUBLIC POLICY

POLITICAL COMMUNICATION AND MEDIA

Master of Science in Political Communication and Media
Postgraduate Diploma in Political Communication and Media
Postgraduate Certificate in Political Communication and Media

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. See the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Master's by full-time study 36 months
 - ii. PG Diploma by full-time study 24 months
 - iii. PG Certificate by full-time study 12 months

Mode of study

4. The programme is available by full-time and part-time study.

Place of study

5. This programme is available on an attending basis only. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
L2906	Political Communication in the 21 st Century	5	20
L2905	Quantitative Methods: Survey Methods	5	20
P3984	Research Skills in Media & Communication (January intake)	5	20
P3988	Media Analytics	5	20

And either			
L2806	Advanced Topics in Political Communication and Media	5	20
Or			
L2948	Quantitative Text Analysis and Machine Learning in the Social Sciences	6	10
And			
L2807	Advanced Topics in Political Communication and Media	5	10
Or			
L2949	Introduction to Social Network Analysis for Social Scientists	6	10
And			
L2807	Advanced Topics in Political Communication and Media	5	10

Optional Modules

Students should select 20 credits chosen from:

Module Code	Module Title	Level	Credits
P3970	Strategic Communication	5	20
P3987	Digital Media Ethics	5	20
P3968	Communication and Media Theory in International Context	5	20
P3901	Communicating Science and the Environment	5	20
L2908	Quantitative Methods: Statistics and Analysis	5	20
L2909	Qualitative Methods	5	20
L2993	Comparative Political Institutions	5	20
L2912	International Institutions and Regimes	5	20
L2916	Comparative Public Policy	5	20
L2947	Networked Institutions, Infrastructure and Technology	5	20
L2948	Quantitative Text Analysis and Machine Learning in the Social Sciences	6	10
L2949	Introduction to Social Network Analysis for Social Scientists	6	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L2808	Dissertation	5	60

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
8. The final award will be based on the student's performance in their assessments.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Political Communication and Media, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the Dissertation L2808.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Political Communication and Media, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Political Communication and Media, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

POLITICAL ECONOMY

Master of Science in Political Economy
Postgraduate Diploma in Political Economy
Postgraduate Certificate in Political Economy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in a Social Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

4. The programmes are available by full-time and part-time study.

Place of Study

5. The programmes are available on campus only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2992	Comparative Political Economy	5	20
L2991	International Political Economy	5	20
L2905	Quantitative Methods 1*	5	20
L2908	Quantitative Methods 2*	5	20

Equivalent modules may be substituted with the agreement of the programme leader.

* Students with sufficient research training may select a further optional module in place of this module in agreement with the programme leader.

Optional Modules

40 credits chosen from the following modules:

Module Code	Module Title	Level	Credits
L2912	International Institutions and Regimes	5	20
L2993	Comparative Political Institutions	5	20
L2963	Contemporary Security Challenges and Responses	5	20
L2929	Political Behaviour	5	20
L2962	Contemporary International Relations	5	20
L2965	Feminism and International Relations	5	20
L2914	European Governance	5	20
L2909	Qualitative Methods	5	20
L2941	Principles of Research Design	5	20
L2805	Human Rights	5	20
L2803	Advanced Topics in Civil Conflict	5	20
L2802	Global Nuclear Politics	5	20
L2994	Politics of Non-Democratic Regimes	5	20
L2917	Policy Analysis	5	20
L2945	Theories and Practices of Regulation and Governance	5	20
L2948	Policy Analysis: Problem Structuring Methods	5	20
L2946	Levelling Up: A Guide to the New Regional and Industrial Policies	5	20
L2947	Networked Institutions, Infrastructure and Technology	5	20

Students are strongly advised to take L2941 Principles of Research Design or equivalent.

Up to a maximum of 40 credits at level 5 from other programmes offered by the Faculty of Humanities and Social Sciences and Strathclyde Business School (Economics) may be approved the Programme Leader and the Department(s) offering the module(s).

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60

Or			
L2974	Placement Dissertation	5	60

Progress

- The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Political Economy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of L2933 Dissertation or L2974 Placement Dissertation.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Political Economy, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Political Economy, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

POLITICAL RESEARCH

Master of Science in Political Research
Postgraduate Diploma in Political Research
Postgraduate Certificate in Political Research

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Social Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Place of Study

5. The programmes are available on campus only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2905	Quantitative Methods: Survey Methods	5	20
L2908	Quantitative Methods: Statistics and Analysis	5	20
L2909	Qualitative Methods	5	20
L5981*	Perspectives on Social Research	5	20

Equivalent modules may be substituted with the agreement of the programme leader.

* Scottish Graduate School for Social Sciences (SGSSS) funded students are required to take HF905 Becoming a confident Social Science Researcher 20 credits, in place of L5981.

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
L2912	International Institutions and Regimes	5	20
L2992	Comparative Political Economy	5	20
L2914	European Governance	5	20
L2916	Comparative Public Policy	5	20
L2917	Policy Analysis	5	20
L2929	Political Behaviours	5	20
L2962	Contemporary International Relations	5	20
L2963	Contemporary Security Challenges	5	20
L2964	Debating International Relations Theory	5	20
L2965	Feminism and International Relations	5	20
L2805	Human Rights	5	20
L2803	Advanced Topics in Civil Conflict	5	20
L2805	Global Nuclear Politics	5	20
L2994	Politics of Non-Democratic Regimes	5	20
L2945	Theories and Practices of Regulation and Governance	5	20
L2948	Policy Analysis: Problem Structuring Methods	5	20
L2946	Levelling Up: A Guide to the New Regional and Industrial Policies	5	20
L2947	Networked Institutions, Infrastructure and Technology	5	20

Any level 5 module offered by the Department of Government and Public Policy may also be chosen. Up to a maximum of 40 credits at level 5 from other programmes offered by the Faculty of Humanities and Social Sciences may be approved the Programme Leader and the Department(s) offering the module(s).

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60

Or			
L2974	Placement Dissertation	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Programme Handbook.
9. The final award will be based on performance in the examinations, the coursework and the dissertation.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Political Research, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation L2933 or Placement Dissertation L2974.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Political Research, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Political Research, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

POLITICS

Master of Science in Politics
Postgraduate Diploma in Politics
Postgraduate Certificate in Politics

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Social Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Place of Study

5. The programmes are available on campus only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2941	Principles of Research Design	5	20
And			
L2905	Quantitative Methods: Survey Methods	5	20
Or			
L2909	Qualitative Methods	5	20

Equivalent modules may be substituted with the agreement of the programme leader.

Optional Modules

No fewer than 80 credits chosen from:

Module Code	Module Title	Level	Credits
L2905	Quantitative Methods: Survey Methods*	5	20
L2908	Quantitative Methods: Statistics and Analysis	5	20
L2909	Qualitative Methods*	5	20
L2912	International Institutions and Regimes	5	20
L2914	European Governance	5	20
L2916	Comparative Public Policy	5	20
L2992	Comparative Political Economy	5	20
L2993	Comparative Political Institutions	5	20
L2917	Policy Analysis	5	20
L2962	Contemporary International Relations	5	20
L2963	Contemporary Security Challenges and Responses	5	20
L2929	Political Behaviour	5	20
L2965	Feminism and International Relations	5	20
L2805	Human Rights	5	20
L2803	Advanced Topics in Civil Conflict	5	20
L2802	Global Nuclear Politics	5	20
L2994	Politics of Non-Democratic Regimes	5	20

* If not taken as compulsory

Any level 5 module offered by the Department of Government and Public Policy may also be chosen. Up to a maximum of 40 credits at level 5 from other programmes offered by the Faculty of Humanities and Social Sciences may be approved the Programme Leader and the Department(s) offering the module(s).

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60
Or			
L2974	Placement Dissertation	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Programme Handbook.
9. The final award will be based on performance in the examinations, the coursework and the dissertation.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation L2933 or Placement Dissertation L2974.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

PUBLIC POLICY

Master of Science in Public Policy
Postgraduate Diploma in Public Policy
Postgraduate Certificate in Public Policy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in Social Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Place of Study

5. The programmes are available on campus only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2945	Theories and Practices of Regulation and Governance	5	20
L2917	Policy Analysis	5	20

and a minimum of two of the following:

Module Code	Module Title	Level	Credits
L2909	Qualitative Methods	5	20
L2916	Comparative Public Policy	5	20

L2905	Quantitative Methods 1	5	20
L2948	Policy Analysis: Problem Structuring Methods	5	20

Equivalent modules may be substituted with the agreement of the programme leader.

Optional Modules

A maximum of 40 credits may be chosen from the list below.

Module Code	Module Title	Level	Credits
L2908	Quantitative Methods 2*	5	20
L2912	International Institutions and Regimes	5	20
L2914	European Governance	5	20
L2929	Political Behaviour	5	20
L2963	Contemporary Security Challenges and Responses	5	20
L2993	Comparative Political Institutions	5	20
L2946	Levelling Up: A Guide to the New Regional and Industrial Policies	5	20
L2947	Networked Institutions, Infrastructure and Technology	5	20

* With appropriate prerequisite.

Any level 5 module offered by the Department of Government and Public Policy may also be chosen with approval of the Programme Leader. Up to a maximum of 40 credits at level 5 from other programmes offered by the Faculty of Humanities and Social Sciences may be approved the Programme Leader and the Department(s) offering the module(s).

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60
Or			
L2974	Placement Dissertation	5	60

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Programme Handbook.
- The final award will be based on performance in all elements of the coursework and the dissertation.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Public Policy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the Dissertation L2933 or Placement Dissertation L2974.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Public Policy, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Public Policy, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

APPLIED GENDER STUDIES

Master of Science in Applied Gender Studies (Research methods)

Master of Science in Applied Gender Studies

Postgraduate Diploma in Applied Gender Studies (Research methods)

Postgraduate Diploma in Applied Gender Studies

Postgraduate Certificate in Applied Gender Studies (Research methods)

Postgraduate Certificate in Applied Gender Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree, or overseas equivalent, in a relevant discipline, usually in the Humanities and Social Sciences.; or
 - ii. applicants with relevant experience (paid or voluntary) in feminist, queer or equalities work will also be considered.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Applied Gender Studies (Research Methods)

Compulsory Modules

Module Code	Module Title	Level	Credits
P3973	Feminist Knowledge, Feminist Research	5	20
P3971	Advanced Topics in Gender Studies	5	20
L2905	Quantitative Methods	5	20
L2909	Qualitative Methods	5	20

L5501	Perspective on Social Research	5	20

Optional Modules

No fewer than 20 credits from:

Module Code	Module Title	Level	Credits
V1932	Research Skills, Sources and Methods for Historians	5	20
P3974	Feminisms: Continuity and Change	5	20
P3972	Gender Studies Research Placement	5	20
QQ901	Transcultural Fandom and British Popular Culture	5	20
V1988	Gender, Health and Modern Medicine	5	20
L2965	Feminism and International Relations	5	20
QQ981	Fleshy Histories	5	20
X2907*	Understanding Gender and Sexuality in Education	5	20

*Only available to part-time students

Such other Level 5 modules up to a maximum of 20 credits chosen from other programmes offered by the Department of Humanities or by another department in the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered. **Students for the degree of MSc only will also take:**

Module Code	Module Title	Level	Credits
P3976	Gender Studies Dissertation	5	60

Applied Gender Studies Compulsory Modules

Module Code	Module Title	Level	Credits
P3973	Feminist Knowledge, Feminist Research	5	20
P3974	Feminisms: Continuity and Change	5	20
P3975	Understanding Gender	5	20

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
V1987	Advanced Oral History	5	20
L5501	Perspectives on Social Research	5	20
L2905	Quantitative Methods	5	20
L2909	Qualitative Methods	5	20
P3972	Gender Studies Research Placement	5	20
P3971	Advanced Topics in Gender Studies	5	20
QQ902	Global Queers: Travel Writing and Sexual Politics	5	20
QQ901	Transcultural Fandom and British Popular Culture	5	20
V1988	Gender, Health and Modern Medicine	5	20
L2965	Feminism and International Relations	5	20
QQ981	Fleshy Histories	5	20
X2907	Understanding Gender and Sexuality in Education	5	20

Such other Level 5 modules up to a maximum of 20 credits chosen from other programmes offered by the Department of Humanities or by another department in the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of MSc only will also take:

Module Code	Module Title	Level	Credits
P3976	Gender Studies Dissertation	5	60

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Applied Gender Studies (Research Methods) and the degree of MSc in Applied Gender Studies, candidates must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

7. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Gender Studies (Research Methods) and the Postgraduate Diploma in Applied Gender Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
8. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Gender Studies (Research Methods) and the Postgraduate Certificate in Applied Gender Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

APPLIED TRANSLATION AND INTERPRETING

Master of Science in Applied Translation and Interpreting
Postgraduate Diploma in Applied Translation and Interpreting
Postgraduate Certificate in Applied Translation and Interpreting

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in an appropriate discipline from a United Kingdom university or an overseas university with equivalent academic degree; or
 - ii. a professional qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time study only.

Place of Study

5. In accordance with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
R5900	Professional Interpreting Practice	5	20
R5902	Interpreting for a Business and Commerce	5	20
R5903	Business Translation	5	20
R5907	Translation and Interpreting Studies	5	20

Optional Modules

Choose 40 credits from the following modules:

Module Code	Module Title	Level	Credits
R5901	Translation with Language Technology	5	20
R5906	Text Typology and Translation	5	20
R5908	Translating for the Travel and Tourism Sector	5	20
R5910	Translation Industry Placement	5	20
R5911	Translating Media	5	20
Or any other module approved by the relevant Programme Directors. <i>Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.</i>			

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
R5904	Dissertation / Translation Project	5	60

Examination, Progress and Final Assessment

7. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
8. The final award will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Applied Translation and Interpreting, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation or a translation/interpreting project R5904.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Translation and Interpreting, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Translation and Interpreting, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

APPLIED TRANSLATION

Master of Science in Applied Translation
Postgraduate Diploma in Applied Translation
Postgraduate Certificate in Applied Translation

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in an appropriate discipline from a United Kingdom university or an overseas university with equivalent academic degree; or
 - ii. a professional qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of study

4. The programme is available by full-time study only.

Place of Study

5. In accordance with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
R5912	Business Translation	5	20
R5915	Translation and Interpreting Studies	5	20
R5913	Translation with Language Technology	5	20
R5914	Text Typology and Translation	5	20
R5916	Translating for the Travel and Tourism Sector	5	20

R5917	Translating Media	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
R5918	Dissertation / Translation Project	5	60

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. The final award will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Applied Translation, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation or a translation/interpreting project R5904.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Translation, a candidate must have accumulated no fewer than 120 credits from the taught programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Translation, a candidate must have accumulated no fewer than 60 credits from the taught programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

CREATIVE WRITING

Master of Letters in Creative Writing
Postgraduate Diploma in Creative Writing
Postgraduate Certificate in Creative Writing

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MLitt, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above; or
 - iii. be deemed, by the Programme Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.
 - iv. in addition, applicants will supply a preliminary portfolio of creative writing which will be assessed by members of the teaching team and will help to determine admission.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CW907	The Shape of Stories 1	5	20
CW908	The Shape of Stories 2	5	20
CW909	The Writing Life	5	20
CW910	The Made Project	5	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
QQ903	Narrative processing across Languages and Cultures	5	20
QQ988	Contemporary Scottish Cultural Studies	5	20
QQ990	Making and Unmaking British Literature 1880-1950	5	20
QQ901	Transcultural Fandom and British Popular Culture	5	20
QQ981	Fleshy Histories: Meat Eating and Meat Avoidance, 1500 to the Present	5	20
CW912	The Writer's Studio	5	20
QQ994	English and Creative Writing Research Placement	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run

Such other Level 5 modules chosen from other programmes offered by the Department of Humanities or by another department in the University as may be approved by the Head of Department offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of MLitt only:

Module Code	Module Title	Level	Credits
CW911	The Major Project - Dissertation	5	60

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
6. The final award will be based on performance in the summative assessment activities together with the dissertation where undertaken.

Award

7. **Degree of MLitt:** In order to qualify for the degree of MLitt in Creative Writing, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation CW911.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Creative Writing, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Creative Writing, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

DIGITAL JOURNALISM

Master of Science in Digital Journalism

Postgraduate Diploma in Digital Journalism

Postgraduate Certificate in Digital Journalism

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
P3986	Digital Portfolio	5	20
M7946	International Media Law	5	20
P3987	Digital Media Ethics	5	20
P3958	Multimedia Journalism	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3983	Entrepreneurial Journalism and Innovation	5	20
P3968	Communication and Media Theory in an International Context	5	20
P3967	From Broadcast to Participation: A History of Mediation	5	20
P3970	Strategic Communication	5	20
P3977	Media and Health	5	20
P3988	Media Analytics	5	20

Such other Level 5 modules chosen from other programme offered by the Faculty of Humanities and Social Sciences as may be approved by the Programme Director.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
P3928	Dissertation	5	60
Or			
P3956	Production Dissertation	5	60

The P3956 Production Dissertation can only be taken if a student has passed the required prerequisite module P3958 Multimedia Journalism.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Digital Journalism, candidates must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation P3928 or P3956.
- Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Digital Journalism, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Digital Journalism, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

DIPLOMACY AND INTERNATIONAL SECURITY

Master of Science in Diplomacy and International Security
Postgraduate Diploma in Diplomacy and International Security
Postgraduate Certificate in Diplomacy and International Security

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admissions

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in History, Politics, Law, Social Sciences, or a related discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by both full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
V1993	Diplomacy: Evolution, Theory and Practice	5	20
V1994	Embassies in Crisis	5	20
V1932	Research Skills, Sources and Methods for Historians	5	20

Optional Modules

No fewer than 60 credits to be chosen from the optional list below:

Module Code	Module Title	Level	Credits
L2912	International Institutions and Regimes	5	20
L2913	European Political Economy	5	20
L2914	European Governance	5	20

L2916	Comparative Public Policy	5	20
L2963	Contemporary Security Challenges & Responses	5	20
L2962	Contemporary International Relations	5	20
M9809	Conflict Resolutions & the State	5	20
M9862	International Migration Law	5	20
M9989	Human Rights Protection in the UK	5	20
M9990	International Human Rights Law	5	20
M9865	Terrorism and the Law	5	20
M8913	International Investment Law & Sustainable Development	5	20
M9810	Mediation, Policy & the Law	5	20
M9873	Oceans Governance & International Law	5	20
M9939	Negotiation	5	20
V1974	Nationalism and Nation-states in the Arab Middle East (1900 – 1945)	5	20
V1912	Britain, France and the USA (1945 – 1958): Diplomacy, Strategy and Alliance	5	20
V1996	Diplomacy and Conflict Resolution in the Arab-Israeli Dispute (1947 – 1979)	5	20
V1999	Red Continent: Africa and the Global Cold War	5	20

Such other Level 5 modules up to a maximum of 20 credits offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of School offering the module and the Programme Director of the programme on which the student is registered.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

For the degree of MSc only:

Module Code	Module Title	Level	Credits
V1818	Dissertation in Diplomacy and International Security	5	60
Or			
L2828	Dissertation in Diplomacy and International Security	5	60

Examination, progress and final assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in all elements of the summative assessment and the dissertation.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Diplomacy and International Security, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Diplomacy and International Security, a candidate must have accumulated no fewer than 120 credits from the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Diplomacy and International Security, a candidate must have accumulated no fewer than 60 credits from the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

HEALTH HISTORY

Master of Science in Health History
Postgraduate Diploma in Health History
Postgraduate Certificate in Health History

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admissions

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in History or a related discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by both full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum, as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
V1932	Research Skills, Sources and Methods for Historians	5	20
V1805	Dissertation Preparation*	5	20

*For students undertaking MSc only

Optional Modules

Students must take a further 80 credits from the following:

Module Code	Module Title	Level	Credits
L5501	Perspectives on Social Research	5	20
L2905	Quantitative Methods	5	20

L2909	Qualitative Methods	5	20
V1922	Work and Occupational Health in the Twentieth Century	5	20
V1929	Race, Ethnicity and Health in the 20 th Century America	5	20
V1971	Themes in the Health of History and Colonial Medicine in South Asia	5	20
V1972	Governing Highs and Health: History and the Control of Drugs	5	20
V1975	Pharmaceuticals, Ethics and Health (1800 – 1980)	5	20
V1979	Food and Health in the West During the C20	5	20
V1981	Medicine and Warfare (1800 – 2000)	5	20
V1987	Advanced Oral History	5	20
V1988	Gender, Health and Modern Medicine	5	20
V1991	Medicine, Health and the Moving Image	5	20
QQ981	Fleshy Histories: Meat Eating and Meat Avoidance, 1500 to the Present	5	20
V1983	Health and Healthcare in the long 19 th Century	5	20
V1801	History, Health and Heritage	5	20
P3977	Media and Health	5	20
V1992	Work Placement in History	5	20

Please note that not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students can take 20 credits from the MSc in Historical Studies curriculum. Such other Level 5 modules up to a maximum of 20 credits offered by the Faculty of Humanities and Social Sciences as may be approved by the Programme Director.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
V1919	Dissertation	5	60

Examination, progress and final assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- Progress between semesters may be dependent on satisfactory performance against prescribed criteria in the earlier part of the programme.

8. The final award will be based on performance in all elements of the coursework and the dissertation.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Health History, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation V1919.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Health History, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Health History, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

HISTORICAL STUDIES

Master of Science in Historical Studies

Postgraduate Diploma in Historical Studies

Postgraduate Certificate in Historical Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admissions

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in History or a related discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by both full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Students taking the **ESRC pathway** to Doctoral level must take the following compulsory modules:

Module Code	Module Title	Level	Credits
L2905	Quantitative Methods	5	20
L2909	Qualitative Methods	5	20
HF905	Becoming a confident Social Science Researcher	5	20

Optional Modules

In addition, students taking the **ESRC pathway** to Doctoral level must take a further 60 credits from the following:

Module Code	Module Title	Level	Credits
V1965	Palaeography, c.1500 – c.1800	5	20

V1966	Scotland and Ulster in the Early Modern North Atlantic World	5	20
V1912	Britain, France and the USA (1945 – 1958): Diplomacy, Strategy and Alliance	5	20
V1961	Segregation, Migration and War: African Americans	5	20
V1968	Transatlantic Influences: The United States and Europe After 1945	5	20
V1922	Work and Occupational Health in the Twentieth Century	5	20
V1974	Nationalism and Nation-states in the Arab Middle East	5	20
V1977	War, Sacrifice and the Nation in Europe (1789 – 1919)	5	20
V1987	Advanced Oral History	5	20
V1989	Scotland and the Reformation	5	20
V1932	Research Skills, Sources and Methods for Historians	5	20
V1948	Major Themes in Twentieth-Century Canada	5	20
V1943	Transnational Radicalism and the Irish World (1845 – 1923)	5	20
V1908	Plantations by Land and Sea: British imperial projects in the Atlantic and Indian Oceans, c. 1590-1720	5	20
V1996	Diplomacy and Conflict Resolution in the Arab-Israeli Dispute	5	20
V1999	Red Continent: Africa and the Global Cold War	5	20
V1992	Work Placement in History	5	20
V1998	Setting Europe Ablaze: Resistance Movements in the Second World War	5	20
V1802	Ireland, Colonialism and Anti-colonialism	5	20
V1806	Advanced Topics in Historical Studies	5	20
V1938	Storytelling, Memory and Heritage	5	20
L5981	Perspectives on Social Research	5	20

Students not taking the ESRC pathway to Doctoral level must take the following compulsory module(s):

Module Code	Module Title	Level	Credits
V1932	Research Skills, Sources and Methods for Historians	5	20
V1805	Dissertation Preparation*	5	20

*For students undertaking MSc only

Optional Modules

Students must take a further 80 credits (MSc) or 100 credits (PGDip) from the following:

Module Code	Module Title	Level	Credits
L5981	Perspective on Social Research	5	20
L2905	Quantitative Methods	5	20
L2909	Qualitative Methods	5	20
V1965	Palaeography, c.1500 – c.1800	5	20
V1966	Scotland and Ulster in the Early Modern North Atlantic World	5	20
V1912	Britain, France and the USA (1945 – 1958): Diplomacy, Strategy and Alliance	5	20
V1961	Segregation, Migration and War: African Americans	5	20
V1968	Transatlantic Influences: The United States and Europe After 1945	5	20
V1922	Work and Occupational Health in the Twentieth Century	5	20
V1974	Nationalism and Nation-states in the Arab Middle East	5	20
V1977	War, Sacrifice and the Nation in Europe (1789 – 1919)	5	20
V1987	Advanced Oral History	5	20
V1989	Scotland and the Reformation	5	20
V1948	Major Themes in Twentieth-Century Canada	5	20
V1943	Transnational Radicalism and the Irish World (1845 – 1923)	5	20
V1908	Plantations by Land and Sea: British imperial projects in the Atlantic and Indian Oceans, c. 1590-1720	5	20
V1996	Diplomacy and Conflict Resolution in the Arab-Israeli Dispute	5	20
V1999	Red Continent: Africa and the Global Cold War	5	20
V1992	Work Placement in History	5	20
V1998	Setting Europe Ablaze: Resistance Movements in the Second World War	5	20
V1802	Ireland, Colonialism and Anti-colonialism	5	20
V1806	Advanced Topics in Historical Studies	5	20
V1938	Storytelling, Memory and Heritage	5	20

Please note that not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students can take 20 credits from the MSc in Health History curriculum or such other Level 5 modules up to a maximum of 20 credits as may be approved by the Head of Department offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
V1919	Dissertation	5	60

Examination, progress and final assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the programme.
8. The final award will be based on performance in all elements of the coursework and the dissertation.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Historical Studies, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation V1919.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Historical Studies, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
11. **Postgraduate Certificate in Historical Studies:** In order to qualify for the award of the Postgraduate Certificate in Historical Studies, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme including V1932 Research skills, sources and methods for Historians.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

MEDIA AND COMMUNICATION

Master of Science in Media and Communication

Master of Science in Media and Communication with a specialisation in *

Postgraduate Diploma in Media and Communication

Postgraduate Diploma in Media and Communication with a specialisation in *

Postgraduate Certificate in Media and Communication

*** Political Communication**

*** Journalism, Ethics and Trauma**

*** Health Communication**

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in an appropriate discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by both full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
P3968	Communication and Media Theory in an International Context	5	20
P3967	From Broadcast to Participation: A History of Mediation	5	20
P3970	Strategic Communication	5	20
P3978	Research Skills in Media and Communication	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3964	Digital Communication and Society	5	20
P3955	Media Ethics	5	20
P3965	Individual Project with Client	5	20
P3982	Digital Skills in Media and Communication	5	20

Such other Level 5 modules chosen from other programmes offered by the Department of Humanities or by another Department in the University as may be approved by the Head of Department offering the module and the Programme Director of the programme on which the student is registered. Not all optional modules on this list will be available in each academic year.

Specialisations

Political Communication

Compulsory Modules

Module Code	Module Title	Level	Credits
P3978	Research Skills in Media and Communication	5	20
P3964	Digital Communication and Society	5	20
P3979	Advanced Topics in Communicating Politics	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3968	Communication and Media Theory in an International Context	5	20
P3967	From Broadcast to Participation: A History of Mediation	5	20
P3970	Strategic Communication	5	20
P3982	Digital Skills in Media and Communication	5	20

No fewer than 20 credits chosen from other modules relating to politics and communication offered by the Faculty of Humanities and Social Sciences as may be approved by the Programme Director, including P3965 Individual Project with Client. Not all optional modules on this list will be available in each academic year.

Journalism, Ethics and Trauma

Compulsory Modules

Module Code	Module Title	Level	Credits
P3978	Research Skills in Media and Communication	5	20
P3955	Media Ethics	5	20
P3981	Advanced Topics in Journalism, Ethics and Trauma	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3968	Communication and Media Theory in an International Context	5	20
P3967	From Broadcast to Participation: A History of Mediation	5	20
P3970	Strategic Communication	5	20
P3965	Individual Project with Client	5	20
P3982	Digital Skills in Media and Communication	5	20

No fewer than 20 credits chosen from other modules relating to ethics or trauma offered by the Faculty of Humanities and Social Sciences as may be approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Health Communication

Compulsory Modules

Module Code	Module Title	Level	Credits
P3978	Research Skills in Media and Communication	5	20
P3977	Media and Health	5	20
P3980	Advanced Topics in Health Communication	5	20

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3968	Communication and Media Theory in an International Context	5	20

P3967	From Broadcast to Participation: A History of Mediation	5	20
P3970	Strategic Communication	5	20
P3965	Individual Project with Client	5	20
P3982	Digital Skills in Media and Communication	5	20

No fewer than 20 credits chosen from other modules relating to health and communication offered by the Faculty of Humanities and Social Sciences as may be approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MLitt only:

Module Code	Module Title	Level	Credits
P3966	Communication and Media Dissertation	5	60

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the coursework together with the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the degree of MSc in Media and Communication, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
9. **Degree of MSc with a specialisation in *:** In order to qualify for the degree of MSc in Media and Communication (named pathway), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation and 60 must have been awarded in taught modules under the respective pathway.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Media and Communication, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Diploma with a specialisation in * :** In order to qualify for the award of the Postgraduate Diploma in Media and Communication (named pathway), a candidate must have accumulated no fewer than 120 credits from the programme curriculum, 60 of which must have been awarded in taught modules under the respective pathway.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Media and Communication, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

MEDIA CRIME AND VIOLENCE

Master of Science in Media, Crime & Violence
Postgraduate Diploma in Media, Crime & Violence
Postgraduate Certificate in Media, Crime & Violence

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply:

Mode of study

4. The programme is available by full-time and part-time study.

Place of study

5. This programme is available on a campus attending basis only. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
P3989	Media, Crime & Violence	5	20
L5988	The Contexts of Criminal Justice Research	5	20
P3984	Research Skills for Media & Communication (January intake)	5	20
P3990	Advanced Topics in Media, Crime & Violence	5	20

Optional Modules

Students should select 40 credits chosen from:

Module Code	Module Title	Level	Credits
P3970	Strategic Communication	5	20
P3987	Digital Media Ethics	5	20
P3988	Media Analytics	5	20
P3968	Communication and Media Theory in International Context	5	20
P3985	Feminism, Gender & Violence	5	20
M8926	Contemporary Issues in Criminology	5	20
L8914	Prisons, Power & Punishment	5	20
L5981	Perspectives on Social Research	5	20
L5976	Welfare Concepts and Ideas	5	20
L8927	Co-Production and Engagement in Health Policy and Practice	5	20
L8928	Inequalities and Social Policy	5	20
M7946	International Media Law	5	20

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
P3991	Dissertation (Media Crime and Violence)	5	60

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Media, Crime & Violence, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the Dissertation P3991.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Media, Crime & Violence, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Media, Crime & Violence, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

TRANSLATION STUDIES

Master of Science in Translation Studies
Postgraduate Diploma in Translation Studies
Postgraduate Certificate in Translation Studies

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in an appropriate discipline from a United Kingdom university or an overseas university with equivalent academic degree; or
 - ii. a professional qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time or part-time study.

Place of Study

5. In accordance with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
R5903	Business Translation	5	20
R5907	Translation and Interpreting Studies	5	20
R5910	Translation Industry Placement	5	20
R5919	Specialised Translation	5	20

Optional Modules

Choose 40 credits from the following modules:

Module Code	Module Title	Level	Credits
R5901	Translation with Language Technology	5	20
P3978	Research Skills in Media and Communication	5	20
V1938	Storytelling, Memory and Heritage	5	20

Or any other module approved by the relevant Programme Directors.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
R5904	Dissertation / Translation Project	5	60

Examination, Progress and Final Assessment

7. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
8. The final award will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Translation Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation or a translation project R5904.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Translation Studies, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Translation Studies, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

COMPETITION LAW

Master of Laws (LLM) in Competition Law with specialisation in*
Postgraduate Diploma in Competition Law with specialisation in*
Postgraduate Certificate in Competition Law

*Private Enforcement

*Digital Economy

*Competition Law and the State

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

3. The programmes are available by full-time and part-time study.

Place of Study

4. The programmes are taught on campus.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M9930	Legal Research	5	20
M9894	Competition Law	5	20

Specialisation in Private Enforcement

Module Code	Module Title	Level	Credits
M9896	Competition Law and Private Enforcement	5	20

Specialisation in Digital Economy

Module Code	Module Title	Level	Credits

M9895	Competition Law and the Digital Economy	5	20

Specialisation in Competition Law and the State

Module Code	Module Title	Level	Credits
M9897	Competition Law and the State	5	20

Optional Modules

Students must select at least 60 credits from the list below:

Module Code	Module Title	Level	Credits
M8909	The Law of International Business	5	20
M8912	Financial Regulation and Compliance	5	20
M9884	Financial Crime and Sanctions	5	20
M9920	The Law of the World Trade Organisation	5	20
M9922	Business and Human Rights	5	20
M9941	Intellectual Property	5	20
M9944	E-Commerce	5	20
M9868	Cybercrime and Society	5	20
M9829	Privacy, Crime and Security	5	20
M9975	Telecommunications law	5	20
M9708	Human Rights & Digital Technologies	5	20

Not all optional modules on this list will be available in each academic year. Please check your Programme handbook for confirmation of which optional modules will run.

Any other Level 5 modules up to a maximum of 20 credits chosen from other programmes offered by the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of LLM only:

Module Code	Module Title	Level	Credits
M9863	Dissertation*	5	60

*The Dissertation shall be selected and approved in relation to one of the three specialist areas, leading to an award of Specialisation in that area: Private Enforcement, Digital Economy or

Competition Law and the State.

Progress

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#). shall apply

Award

7. **Degree of LLM:** In order to qualify for the award of LLM in Competition Law with specialisation in Private Enforcement or LLM in Competition Law with specialisation in Digital Economy or LLM in Competition Law with specialisation in Competition Law and the State, a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the dissertation M9863.
8. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Competition Law with specialisation in Private Enforcement or Postgraduate Diploma in Competition Law with specialisation in Digital Economy or Postgraduate Diploma in Competition Law with specialisation in Competition Law and the State, a candidate must have accumulated no fewer than 120 credits of taught modules from the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Competition Law, a candidate must have accumulated no fewer than 60 credits of taught modules from the programme curriculum, consisting of 40 credits from the compulsory modules, and 20 credits from the Specialisation modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

CONSTRUCTION LAW

Master of Laws in Construction Law
Master of Laws in Construction Law (online)
Postgraduate Diploma in Construction Law
Postgraduate Certificate in Construction Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Full Time

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Part Time

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Part Time (Accelerated)

5. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the minimum period of study for part-time (accelerated) study shall be as follows:

- i. Masters 12 months
- ii. PG Diploma 10 months

6. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the maximum period of study for part-time (accelerated) study shall be as follows:

- i. Masters 24 months
- ii. PG Diploma 20 months

Mode of Study

7. The programmes are available by full-time, part-time or online study.

Curriculum

8. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including a 60 credit project module

Compulsory Modules

Attending

Module Code	Module Title	Level	Credits
M9965	The Law of the Construction Industry	5	20

M9985	Law and Practice of Construction Management	5	20
M9967	Dispute Resolution	5	20

Online

Module Code	Module Title	Level	Credits
M7906	The Law of the Construction Industry	5	20
M7902	Law and Practice of Construction Management	5	20
M7905	Dispute Resolution	5	20

For Candidates without a Law degree - Attending

Module Code	Module Title	Level	Credits
M9983	Legal Process and the Law of Contracts and other Obligations	5	20

Online

Module Code	Module Title	Level	Credits
M7903	Legal Process and the Law of Contracts and other Obligations	5	20
Or			
M7919	Legal Process and the Law of Contracts and other Obligations (Online Jan)	5	20

Or

For Candidates with a Law degree - Attending

Module Code	Module Title	Level	Credits
M9902	The Context of Construction	5	20

Online

Module Code	Module Title	Level	Credits
M7901	The Context of Construction (online)	5	20

Optional Modules

40 credits chosen from:

Attending

Module Code	Module Title	Level	Credits
M9939	Negotiation	5	20
M9938	Mediation in Practice	5	20

M8902	Arbitration Law	5	20

Online

Module Code	Module Title	Level	Credits
M7904	Arbitration (online)	5	20
M9874	Negotiation (online)	5	20
M9876	Mediation in Practice (online)	5	20

Not all optional modules on these lists will be available in each academic year.

Students may alternatively undertake other 20-credit modules (suitable to the mode of learning) from the Strathclyde Law School's LLM module portfolio and may apply to take one relevant 20-credit module from another Department or Faculty, in place of the 20-credit optional modules listed above (subject to approval by the Programme Director).

Students for the degree of LLM only:

Module Code	Module Title	Level	Credits
M9863	LLM Dissertation	5	60
M7936	Enhanced Research Proposal	5	60
M7938	Professional Project*	5	60
M7939	Professional Internship*	5	60

* Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Examination, Progress and Final Assessment

9. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Progress of Part-time students

10. Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

11. **Degree of LLM:** In order to qualify for the award of LLM in Construction Law, a candidate must have accumulated no fewer than 180 credits, including all taught compulsory modules from the programme curriculum of which 60 credits must have been awarded in respect of one of the 60 credit modules listed above.
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Construction Law, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules from the programme curriculum.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certification in Construction Law, a candidate must have accumulated no fewer than 60 taught credits including all taught compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

CRIMINAL JUSTICE & PENAL CHANGE

Master of Laws in Criminal Justice & Penal Change
Master of Science in Criminal Justice & Penal Change
Postgraduate Diploma in Criminal Justice & Penal Change
Postgraduate Diploma in Law
Postgraduate Certificate in Criminal Justice & Penal Change
Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by both part-time and full-time study. Both the LLM, the MSc and the Postgraduate Diploma are also available by part-time (accelerated) study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM or MSc no fewer than 180 credits including a 60 credit module.

Compulsory Modules

Module Code	Module Title	Level	Credits
M9843	Justice and Penal Decision-Making	5	20
M9845	Punishment and Processes of Penal Change	5	20

Optional Modules

No fewer than 80 credits including at least 20 credits from either List A (LLM pathway) or List B (MSc pathway):

List A

Module Code	Module Title	Level	Credits
M9838	Childhood and Crime	5	20
M9842	Restorative Justice	5	20
M9846	Homicide	5	20

M9892	International Criminal Justice	5	20
M7907	Law Work Placement – Legal Learning in a Work Based Environment	5	20

List B

Module Code	Module Title	Level	Credits
M9840	Offender Supervision & Management	5	20
M9842	Restorative Justice	5	20
M9839	Surveillance, Technology and Crime Control	5	20
M7907	Law Work Placement – Legal Learning in a Work Based Environment	5	20

Not all optional modules on these lists will be available in each academic year.

Any such other Level 5 modules up to a maximum of 40 credits chosen from other programme offered by the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of LLM only

Must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
MXXXX	LLM Dissertation	5	60
MXXXX	Professional Internship*	5	60
MXXXX	Professional Project*	5	60
MXXXX	Enhanced Research Proposal	5	60

Students for the degree of MSc only

Must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
MXXXX	MSc Dissertation	5	60
MXXXX	Professional Internship*	5	60
MXXXX	Professional Project*	5	60
MXXXX	Enhanced Research Proposal	5	60

*Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
6. Part-time students for the degree of LLM or MSc or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

7. **LLM / MSc:** In order to qualify for the award of the MSc or LLM in Criminal Justice and Penal Change, a candidate must have accumulated no fewer than 180 credits, including all taught compulsory modules from the programme curriculum and one of the 60 credit modules noted in paragraph 4 above.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Criminal Justice and Penal Change, a candidate must have accumulated no fewer than 120 credits, including all taught compulsory modules from the programme curriculum.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Criminal Justice and Penal Change, a candidate must have accumulated no fewer than 60 credits from the taught modules including taught compulsory modules from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

GLOBAL ENVIRONMENTAL LAW AND GOVERNANCE

Master of Laws in Global Environmental Law and Governance

Master of Laws in Global Environmental Law and Governance with a Specialisation in Ocean Law

Postgraduate Diploma in Global Environmental Law and Governance

Postgraduate Diploma in Global Environmental Law and Governance with a Specialisation in Ocean Law

Postgraduate Diploma in Law

Postgraduate Certificate in Global Environmental Law and Governance

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The LLM and PG Diploma programmes are available by full-time or part-time study. The PG Certificate is available by part-time study only.

Place of Study

4. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM or MSc no fewer than 180 credits including one 60 credit module.

Compulsory Modules

For all students

Module Code	Module Title	Level	Credits
M7931	Public International Law and the Environment	5	20
M7930	Environmental Treaties: Fragmentation and Regime Interactions	5	20
M9867	Global Environmental Law: Issues of Equity and Sustainability	5	20

For the specialisation in Ocean Law

Module Code	Module Title	Level	Credits
M9873	Oceans Governance and International Law	5	20
M8920	Fisheries Law and Sustainability	5	20

Optional Modules

Students should select no fewer than 60 optional module credits (20 credits for those undertaking the specialisation in Ocean Law) from the list below:

Module Code	Module Title	Level	Credits
M9873	Oceans, Governance and International Law	5	20
M8920	Fisheries Law and Sustainability	5	20
M7929	Blue Economy and International Law	5	20
M9870	EU Environmental Law	5	20
M8914	International Climate Change Law	5	20
M9862	International Migration Law	5	20
M9922	Business and Human Rights	5	20
M7928	Law of the World Trade Organisation	5	20
M9990	International Human Rights Law	5	20
M8913	International Investment Law and Sustainable Development	5	20
M9986	European Human Rights Law	5	20

Not all optional modules on this list will be available in each academic year.

Students for the degree of LLM only

Must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	Dissertation (LLM)	5	60
M7939	Professional Internship*	5	60
M7938	Professional Project*	5	60
M7936	Enhanced Research Proposal	5	60

* Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

8. **Degree of LLM in Global Environmental Law and Governance:** In order to qualify for the award of LLM in Global Environmental Law and Governance, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum including one of the 60 credit modules listed above.
9. **Degree of LLM in Global Environmental Law and Governance with a Specialisation in Ocean Law:** In order to qualify for the award of LLM in Global Environmental Law and Governance with a Specialisation in Ocean Law, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum including one of the 60 credit modules listed above.
10. **Postgraduate Diploma in Global Environmental Law and Governance:** In order to qualify for the award of the Postgraduate Diploma in Global Environmental Law and Governance, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum including all taught compulsory modules.
11. **Postgraduate Diploma in Global Environmental Law and Governance with a Specialisation in Ocean Law:** In order to qualify for the award of the Postgraduate Diploma in Global Environmental Law and Governance with a Specialisation in Ocean Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum including all taught compulsory modules.
12. **Postgraduate Diploma in Law:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
13. **Postgraduate Certificate in Global Environment Law and Governance:** In order to qualify for the award of the Postgraduate Certificate in Global Environmental Law and Governance, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum, including taught compulsory modules.
14. **Postgraduate Certificate in Law:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

HUMAN RIGHTS LAW

Master of Laws in Human Rights Law

Master of Laws in Human Rights Law with specialisation in Medical Law

Postgraduate Diploma in Human Rights Law

Postgraduate Diploma in Human Rights Law with specialisation in Medical Law

Postgraduate Diploma in Law

Postgraduate Certificate in Human Rights Law

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study. Both the LLM and the Postgraduate Diploma are available by part-time (accelerated) study.

Place of Study

4. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including one 60 credit module.

Compulsory modules (for the specialisation in Medical Law)

Module Code	Module Title	Level	Credits
M7940	Medical Law	5	20
M9864	Global Health, Rights and Development	5	20

Optional Modules

120 credits from the list below (or 80 credits for the specialisation in Medical Law and 60 credits for the Postgraduate Certificate)

Module Code	Module Title	Level	Credits
M9990	International Human Rights Law	5	20

M9986	European Human Rights Law	5	20
M9989	Human Rights Protection in the UK	5	20
M9862	International Migration Law	5	20
M9922	Business and Human Rights	5	20
M7908	Human Rights and Digital Technologies	5	20

Not all optional modules on the above list will be available in each academic year

Students (with the exception of students for the Postgraduate Certificate and the specialisation in Medical Law) may undertake other Level 5 20-credit modules from Strathclyde Law School's LLM module portfolio up to a maximum of 40 of 120 credits. Students may apply to take one relevant Level 5 20-credit module from another Department or Faculty, in place of the 20- credit optional modules listed above, with approval from the Programme Leader of the programme on which the student is registered.

Students for the degree of LLM only

Must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	Dissertation (LLM)	5	60
M7939	Professional Internship*	5	60
M7938	Professional Project*	5	60
M7936	Enhanced Research Proposal	5	60

* Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to Year Two.

Award

- Degree of LLM in Human Rights Law:** In order to qualify for the award of LLM in Human Rights Law, a candidate must have accumulated no fewer than 180 credits, including 120 taught credits and one 60 credit module as detailed in Regulation 5.
- Degree of LLM in Human Rights Law with a specialisation in Medical Law:** In order to qualify for the award of LLM in Human Rights Law with a specialisation in Medical Law, a candidate must have accumulated no fewer than 180 credits, including 120 taught credits (inclusive of the two compulsory modules) and one 60 credit module as detailed in Regulation 5.
- Postgraduate Diploma in Human Rights Law:** In order to qualify for the award of Postgraduate Diploma in Human Rights Law, a candidate must have accumulated no fewer than 120 taught credits, from the modules detailed in Regulation 5 above.
- Postgraduate Diploma in Human Rights Law with a specialisation in Medical Law:** In order to qualify for the award of Postgraduate Diploma in Human Rights Law with a

specialisation in Medical Law, a candidate must have accumulated no fewer than 120 taught credits, including the two compulsory modules, from the modules detailed in Regulation 5 above

12. **Postgraduate Diploma in Law:** In order to qualify for the award of Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
13. **Postgraduate Certificate in Human Rights Law:** In order to qualify for the award of Postgraduate Certificate in Human Rights Law, a candidate must have accumulated no fewer than 60 taught credits from the modules detailed in Regulation 5 above.
14. **Postgraduate Certificate in Law:** In order to qualify for the award of Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS LAW

Master of Laws in Information Technology and Telecommunications Law
Postgraduate Diploma in Information Technology and Telecommunications Law
Postgraduate Diploma in Law
Postgraduate Certificate in Information Technology and Telecommunications Law
Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study and by distance learning.

Curriculum

4. All students on the attending pathway shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including a dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
M9975	Telecommunications Law	5	20

Optional Modules* **

Module Code	Module Title	Level	Credits
M9895	Competition Law and the Digital Economy	5	20
M9944	E-Commerce Law	5	20
M9941	Intellectual Property Law	5	20
M8915	Cybercrime and Society	5	20
M9868	Cybercrime and Society (Distance Learning)	5	20
M9869	Intellectual Property Law (Distance Learning)	5	20
<u>M9XXX</u>	<u>PGT Law Work Placement</u>	<u>5</u>	<u>20</u>

Not all optional modules on this list will be available in each academic year.

* For students on the distance learning pathway the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply and not all optional modules will be available.

** For attending students only. Any such other Level 5 modules up to a maximum of 20 credits chosen from other modules offered by the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the Postgraduate Diploma and degree of LLM only:

Module Code	Module Title	Level	Credits
M9930	Legal Research	5	20

Students for degree of LLM only:

Module Code	Module Title	Level	Credits
M9863	Dissertation	5	60

Progress

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

7. **Degree of LLM:** In order to qualify for the award of LLM in Information Technology and Telecommunications Law, a candidate must have accumulated no fewer than 180 credits, including all taught compulsory modules of the programme curriculum of which 60 must have been awarded in respect of the dissertation M9863.
8. **Postgraduate Diploma in Information Technology and Telecommunications Law:** In order to qualify for the award of the Postgraduate Diploma in Information Technology and Telecommunications Law, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules of the programme curriculum.
9. **Postgraduate Diploma in Law:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
10. **Postgraduate Certificate in Information Technology and Telecommunication Law:** In order to qualify for the award of the Postgraduate Certificate in Information Technology and Telecommunications Law, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.
11. **Postgraduate Certificate in Law:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

INTERNATIONAL COMMERCIAL LAW

Master of Laws in International Commercial Law

Master of Laws in International Commercial Law with a specialisation in Financial Regulation

Master of Laws in International Commercial Law with a specialisation in Antitrust Law

Postgraduate Diploma in International Commercial Law

Postgraduate Diploma in International Commercial Law with a specialisation in Financial Regulation

Postgraduate Diploma in International Commercial Law with a specialisation in Antitrust Law

Postgraduate Diploma in Law

Postgraduate Certificate in International Commercial Law

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. This programme is available by full-time and part-time study.

Curriculum

4. All students on the attending pathway shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including a 60 credit module

Compulsory Modules – All Students

Module Code	Module Title	Level	Credits
M8909	Law of International Business	5	20
M7928*	Law of the World Trade Organisation	5	20

For a specialisation in Financial Regulation

Module Code	Module Title	Level	Credits
M8912	Financial Regulation and Compliance	5	20
M9884	Financial Crime and Sanctions	5	20

For a specialisation in Antitrust Law

Module Code	Module Title	Level	Credits
M7933	Antitrust Law	5	20
M7934	Antitrust Law and the Digital Economy	5	20

Optional Modules ****International Commercial Law**

No fewer than 80 credits selected from the list below.

Specialisation in Financial Regulation

No fewer than 40 credits selected from the list below.

Specialisation in Antitrust Law

No fewer than 40 credits selected from the list below.

Module Code	Module Title	Level	Credits
M9923	Competition Law and Policy in the EU	5	20
M8912	Financial Regulation and Compliance	5	20
M9941	Intellectual Property Law	5	20
M9884	Financial Crime and Sanctions	5	20
M9922	Business and Human Rights	5	20
M9944	E-Commerce	5	20
M9939	Negotiation	5	20
M8913	International Investment Law and Sustainable Development	5	20
M7933	Antitrust Law	5	20
M9896	Competition Law and Private Enforcement	5	20
M7934	Antitrust Law and the Digital Economy	5	20
M9897	Competition Law and the State	5	20
M7908	Human Rights and Digital Technologies	5	20
M9921	International Environmental Law	5	20
M8914	International Climate Change Law	5	20
M9990	International Human Rights Law	5	20
M9986	European Human Rights Law	5	20

M9871	International Environmental Law II	5	20
M9867	Global Environmental Law: Issues of Equity and Sustainability	5	20
M9873	Oceans Governance and International Law	5	20
M9862	International Migration Law	5	20
M9989	Human Rights Protection in the UK	5	20
M7916	Coding for Lawyers and Legal Applications (PGT)	5	20
M7915	Statistics and Machine Learning for Lawyers and Legal Applications	5	20
M7917	Regulating Technology	5	20
M7924	Innovation and Leadership	5	20
M7914	Cyber Crime, Cyber Security and Anti-Theft Law	5	20
M7926	Intellectual Property, Commerce and Innovation	5	20
M7927	Law, Power and Accountability in the Algorithmic Society	5	20
M7918	Law and Economics for Digital Markets	5	20

Not all optional modules on this list will be available in each academic year.

* Students who have previously studied the level 4 module Legal Aspects of International Trade (M9417) may, at the discretion of the Programme Leader, substitute M7928 for another 20 credit module within the Optional Modules listed above.

** In place of a 20 credit module selected from the optional modules listed above, students on the LLM or Postgraduate Diploma may elect to take any Level 5 modules up to a maximum of 20 credits chosen from other programmes offered by the University as may be approved by the relevant Programme Leaders.

Students for the degree of LLM only

Must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	Dissertation (LLM)	5	60
M7936	Enhanced Research Proposal	5	60
M7938	Professional Project*	5	60
M7939	Professional Internship*	5	60

*Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)

Progress of Part-time students

6. Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

7. **Degree of LLM:** In order to qualify for the award of LLM in International Commercial Law, a candidate must have accumulated no fewer than 180 credits, which must include all the taught compulsory modules of the programme curriculum and one of the 60 credit modules.
8. **Degree of LLM with specialisation in Financial Regulation:** In order to qualify for the award of LLM in International Commercial Law with a specialisation in Financial Regulation, a candidate must have accumulated no fewer than 180 credits, which must include all the taught compulsory modules of the programme curriculum and one of the 60 credit modules.
9. **Degree of LLM International Commercial Law with a specialisation in Antitrust Law:** In order to qualify for the award of LLM International Commercial Law with a specialisation in Antitrust Law, a candidate must have accumulated no fewer than 180 credits, which must include all of the taught compulsory modules of the programme curriculum and one of the 60 credit modules.
10. **Postgraduate Diploma in International Commercial Law:** In order to qualify for the award of Postgraduate Diploma in International Commercial Law, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules of the programme curriculum.
11. **Postgraduate Diploma in International Commercial Law with specialisation in Financial Regulation:** In order to qualify for the award of Postgraduate Diploma in International Commercial Law with a specialisation in Financial Regulation, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules of the programme curriculum.
12. **Postgraduate Diploma International Commercial Law with a specialisation in Antitrust Law:** In order to qualify for the award of Postgraduate Diploma International Commercial Law with a specialisation in Antitrust law, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules of the programme curriculum.
13. **Postgraduate Diploma in Law:** In order to qualify for the award of Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
14. **Postgraduate Certificate in International Commercial Law:** In order to qualify for the award of International Commercial Law, a candidate must have accumulated no fewer than 60 taught credits including compulsory modules from the programme curriculum.
15. **Postgraduate Certificate in Law:** In order to qualify for the award of Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

INTERNATIONAL MARITIME LAW

Master of Laws in International Maritime Law

Master of Science in International Maritime Law

Postgraduate Diploma in International Maritime Law

Postgraduate Diploma in Law

Postgraduate Certificate in International Maritime Law

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time or part-time study.

Place of Study

4. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7947	Admiralty law: Courts and Jurisdiction	5	20
M7948	Admiralty law: Contracts and Transactions	5	20
M9873	Oceans Governance and International Law	5	20

Optional Modules

Plus no fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9920	The World Trading System: Law and Policy	5	20
M7926	Intellectual Property, Commerce & Innovation	5	20
M7930	Environmental Treaties: Fragmentation and Regime Interactions	5	20

M8921	Blue Growth & Maritime Law	5	20
M8922	International Dispute Resolution & Oceans Governance	5	20
M8902	Arbitration Law	5	20

Not all optional modules on this list will be available in each academic year. Students may alternatively undertake other 20-credit modules from the Strathclyde Law School's LLM module portfolio, and may apply to take one relevant 20-credit module from another School or Faculty, in place of the 20-credit optional modules listed above.

Plus 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	LLM Dissertation*	5	60
M9812	MSc Dissertation**	5	60
M7936	Enhanced Research Proposal	5	60
M7938	Professional Project+	5	60
M7939	Professional Internship+	5	60
M7935	Enhanced Technology Design Project for Law and Legal Application	5	60

*LLM students only

**MSc students only

+Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- Part-time students for the degree of LLM, MSc or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

- Degree of LLM in International Maritime Law:** In order to qualify for the award of LLM in International Maritime Law, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum and one of the 60-credit modules listed above.
- Degree of MSc in International Maritime Law:** In order to qualify for the award of MSc in International Maritime Law, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum and one of the 60-credit modules listed above.
- PG Diploma in International Maritime Law:** In order to qualify for the award of PG Diploma in International Maritime Law, a candidate must normally have accumulated no fewer than 120 credits including all taught compulsory modules from the programme curriculum.

11. **PG Diploma in Law:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the 3 taught modules from the programme curriculum.
12. **PG Certificate in International Maritime Law:** In order to qualify for the award of PG Certificate in International Maritime Law, a candidate must normally have accumulated no fewer than 60 credits including all taught compulsory modules from the programme curriculum.
13. **PG Certificate in Law:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the 3 taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LAW

Master of Laws

Postgraduate Diploma in Law

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. This programme is available by full-time and part-time study.

Curriculum

4. All students on the attending pathway shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including a 60 credit module

Optional Modules

120 Credits from the list below:

Module Code	Module Title	Level	Credits
M9944	E-Commerce	5	20
M9870	EU Environmental Law I	5	20
M9872	EU Environmental Law II	5	20
M9983	Legal Process and the Law of Contracts and Other Obligations	5	20
M9975	Telecommunications Law	5	20
M9902	Context of Construction	5	20
M9922	Business and Human Rights	5	20
M9923	Competition Law and Policy in the EU	5	20
M9809	Conflict Resolution and the State	5	20
M9941	Intellectual Property Law	5	20

M9869	Intellectual Property Law (DL)	5	20
M9811	Employment Mediation	5	20
M9873	Oceans Governance and International Law	5	20
M9986	European Human Rights Law	5	20
M8913	International Investment Law and Sustainable Development	5	20
M9990	International Human Rights Law	5	20
M9843	Justice and Penal Decision Making	5	20
M9985	Law and Practice of Construction Management	5	20
M9884	Financial Crime and Sanctions	5	20
M9938	Mediation in Practice	5	20
M9845	Punishment & Processes of Penal Change	5	20
M9920	The World Trading System: Law and Policy	5	20
M8909	Law of International Business	5	20
M8902	Arbitration Law	5	20
M9838	Childhood and Crime	5	20
M9867	Global Environmental Law: Issues of Equity and Sustainability	5	20
M9921	International Environmental Law I	5	20
M9871	International Environmental Law II	5	20
M9967	Dispute Resolution	5	20
M8912	Financial Regulation and Compliance	5	20
M9989	Human Rights Protection in the UK	5	20
M8914	International Climate Change Law	5	20
M9965	Law of the Construction Industry	5	20
M9810	Mediation, Policy and the Law	5	20
M9939	Negotiation	5	20
M9829	Privacy, Crime and Security	5	20
M9842	Restorative Justice	5	20
M9862	International Migration Law	5	20

M9XXX	PGT Law Work Placement	5	20
M7908	Human Rights and Digital Technologies	5	20

Not all optional modules on this list will be available in each academic year.

Students on the LLM or Postgraduate Diploma may take any such other Level 5 modules up to a maximum of 40 credits chosen from other programmes offered by the University subject to the approval of the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of LLM only must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	Dissertation (LLM)	5	60
M7939	Professional Project*	5	60
M7938	Professional Internship*	5	60
M7936	Enhanced Research Proposal	5	60

*Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

- Degree of LLM:** In order to qualify for the award of LLM, a candidate must have accumulated no fewer than 180 credits, which must include one of the 60 credit modules.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

Transfer

- With the permission of the respective Programme Directors and subject to satisfying the curriculum requirements of the applicable programme, students enrolled on the PG Cert/PG Dip in Law or the LLM may transfer onto one of the specialised LLM degrees.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LAW, TECHNOLOGY AND INNOVATION

Master of Laws in Law, Technology and Innovation

Master of Science in Law, Technology and Innovation

Postgraduate Diploma in Law, Technology and Innovation

Postgraduate Diploma in Law

Postgraduate Certificate in Law Technology and Innovation

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#). Applicants can apply for either the LLM or the MSc, this is usually dependent on the student's professional background.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time or part-time study.

Place of Study

4. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7917	Regulating Technology	5	20
M7924	Innovation and Leadership	5	20

Optional Modules

No fewer than 80 credits chosen from:

Module Code	Module Title	Level	Credits
M7943	Coding for Legal Tech and Legal Applications (PGT)	5	20
M7942	Machine Learning and Statistics for Legal Tech and Legal Application	5	20
M7926	Intellectual Property, Commerce and Innovation	5	20

M7941	Cybersecurity Law, Data Governance and Cybercrime	5	20
M7945	Power and Responsibility in the Age of AI	5	20
M7944	Digital Law & Economics: Markets, Platforms, and Regulation	5	20
M7908	Human Rights and Digital Technologies	5	20
P3987	Digital Media Ethics	5	20

Not all optional modules on this list will be available in each academic year.

Students may alternatively undertake other 20-credit modules from the Strathclyde Law School's LLM module portfolio, and may apply to take one relevant 20-credit module from another School or Faculty, in place of one of the 20-credit optional modules listed above.

Plus 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	LLM Dissertation (LLM students only)	5	60
M9812	MSc Dissertation (MSc students only)	5	60
M7936	Enhanced Research Proposal	5	60
M7938	Professional Project*	5	60
M7939	Professional Internship*	5	60
M7935	Enhanced Technology Design Project for Law and Legal Application	5	60

*Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

- Degree of LLM in Law, Technology and Innovation:** In order to qualify for the award of LLM in Law, Technology and Innovation, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum and one of the 60-credit modules listed above.
- Degree of MSc in Law, Technology and Innovation:** In order to qualify for the award of MSc in Law, Technology and Innovation, a candidate must normally have accumulated no fewer than 180 credits including all taught compulsory modules from the programme curriculum and one of the 60-credit modules listed above.
- Postgraduate Diploma in Law, Technology and Innovation:** In order to qualify for the award of the Postgraduate Diploma in Law, Technology and Information, a candidate must have accumulated no fewer than 120 taught credits, including all taught compulsory modules from the programme curriculum.

11. **Postgraduate Diploma in Law:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
12. **Postgraduate Certificate in Law, Technology and Innovation:** In order to qualify for the award of the Postgraduate Certificate in Law, Technology and Information, a candidate must have accumulated no fewer than 60 taught credits, including all taught compulsory modules from the programme curriculum.
13. **Postgraduate Certificate in Law:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LEGAL RESEARCH SKILLS AND METHODS

Master of Laws in Legal Research Skills and Methods

Master of Science in Legal Research Skills and Methods

Postgraduate Diploma in Legal Research Skills and Methods

Postgraduate Certificate in Legal Research Skills and Methods

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. This programme is available by full-time and part-time study.

Curriculum

4. All students on the attending pathway shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of LLM no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
L2905	Quantitative Methods: Survey Methods	5	20
L2909	Qualitative Methods	5	20
M8918	Engaging with Materials Used in Legal Research	5	20
L5981*	Perspectives on Social Research	5	20

* Scottish Graduate School for Social Sciences (SGSSS) funded students are required to take HF905 Becoming a confident Social Science Researcher, 20 credits, in place of L5981.

And one of the following dissertation modules:

Module Code	Module Title	Level	Credits
M9863	Dissertation (for LLM students)	5	60
Or			
M9812	Dissertation (for MSc students)	5	60

Optional Modules

Students must take 40 credits from the list of modules below:

Module Code	Module Title	Level	Credits
M8917	Researching Law Using Doctrinal and Philosophical Approaches	5	20
M8916	Researching Law and Society	5	20
M8295	The Contexts of Criminal Justice Research	5	20
M8926	Contemporary Issues in Criminology	5	20

Progress

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

7. **Degree of LLM:** In order to qualify for the award of LLM in Legal Research Skills and Methods, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation M9863.
8. **MSc:** In order to qualify for the award of MSc in Legal Research Skills and Methods, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation M9812.
9. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Legal Research Skills and Methods, a candidate must have accumulated no fewer than 120 credits.
10. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Legal Research Skills and Methods, a candidate must have accumulated no fewer than 60 credits.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

MEDIATION AND CONFLICT RESOLUTION

Master of Laws in Mediation and Conflict Resolution

Master of Science in Mediation and Conflict Resolution

Postgraduate Diploma in Mediation and Conflict Resolution

Postgraduate Diploma in Law

Postgraduate Certificate in Mediation and Conflict Resolution

Postgraduate Certificate in Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The LLM, MSc and PG Diploma programmes are all available by both part-time and full-time study. The PG Certificate is available by part-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i) for the Postgraduate Certificate no fewer than 60 credits
 - ii) for the Postgraduate Diploma no fewer than 120 credits
 - iii) for the degree of LLM or MSc no fewer than 180 credits including a 60 credit module

Compulsory Modules for all students

Module Code	Module Title	Level	Credits
M9937	Theory and Principles of Conflict Resolution	5	20
M9938	Mediation in Practice	5	20

Compulsory Module for PgDip and LLM/MSc students only

Module Code	Module Title	Level	Credits
M7932	Critical Mediation Studies	5	20

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
M9810	Mediation, Policy and the Law	5	20

M9811	Employment Mediation	5	20
M9939	Negotiation	5	20
M9983	Legal Process and the Law of Contract and Other Obligations	5	20
M8902	Arbitration Law	5	20
M7907	Law Work Placement – Legal Learning in a Work Based Environment	5	20
M7932	Critical Mediation Studies	5	20

Not all optional modules on this list will be available in each academic year.

Any such other Level 5 modules up to a maximum of 40 credits chosen from other programmes offered by the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered.

Students for the degree of LLM only must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9863	LLM Dissertation	5	60
M7939	Professional Internship*	5	60
M7938	Professional Project*	5	60
M7936	Enhanced Research Proposal	5	60

Students for the degree of MSc only must undertake 60 credits chosen from:

Module Code	Module Title	Level	Credits
M9812	MSc Dissertation	5	60
M7939	Professional Internship*	5	60
M7938	Professional Project*	5	60
M7936	Enhanced Research Proposal	5	60

*Enrolment on the Professional Project and Professional Internship modules is by application and not guaranteed.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- Part-time students for the degree of LLM, MSc or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

7. **Degree of LLM/MSc:** In order to qualify for the award of the degree of LLM or MSc in Mediation and Conflict Resolution, a candidate must normally have accumulated no fewer than 180 credits, including all taught compulsory modules from the programme curriculum and 60 credits must have been awarded in respect of one of the 60 credit modules above.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Mediation and Conflict Resolution, a candidate must normally have accumulated no fewer than 120 taught credits, including all taught compulsory modules from the programme curriculum.
9. **Postgraduate Diploma in Law:** In order to qualify for the award of the Postgraduate Diploma in Law, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Mediation and Conflict Resolution, a candidate must normally have accumulated no fewer than 60 taught credits from the programme curriculum, including all taught compulsory modules.
11. **Postgraduate Certificate in Law:** In order to qualify for the award of the Postgraduate Certificate in Law, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

PROFESSIONAL LEGAL PRACTICE

Master of Laws in Professional Legal Practice

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants for the LLM shall possess:
 - i. a Postgraduate Diploma in Professional Legal Practice; or
 - ii. a qualification deemed by the Head of School/Programme Director acting on behalf of the Senate to be equivalent to (i) above.
2. 100 credits will be awarded for recognition of prior learning in respect of point 1(i) above.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

4. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the minimum duration of study for the LLM will be 12 months and the maximum period of study will be 24 months for the full-time LLM.

Mode of Study

5. The LLM is available by distance learning and on-campus.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
M7937	LLM Dissertation in Professional Legal Practice	5	80

Progress

7. Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the programme.
8. The final award will be based on the student's performance in their assessment.

Award

9. **Degree of LLM:** In order to qualify for the award of LLM in Professional Legal Practice, a candidate must have accumulated no fewer than 180 credits of which 80 must have been awarded in respect of the M7937 LLM Dissertation in Professional Legal Practice and the remainder of the credits will be awarded through credit transfer and recognition of prior learning.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

PROFESSIONAL LEGAL PRACTICE

Postgraduate Diploma in Professional Legal Practice

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

For Postgraduate Diploma:

1. This Postgraduate Diploma in Professional Legal Practice is designed as the professional qualification for Law graduates and others who wish to enter the Solicitor branch of the legal profession in Scotland and satisfies the requirements of the Law Society of Scotland's Professional Education and Training Stage 1 (PEAT 1).
2. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. an LLB of a Scottish university; or
 - ii. a qualification deemed by the Head of School/Programme Director acting on behalf of the Senate to be equivalent to (i) above.
3. In addition, applicants shall have passed or obtained exemption from the professional examinations of The Law Society of Scotland in those subjects required by it in terms of The Admissions as Solicitor (Scotland) Regulations (1986).
4. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

6. The Postgraduate Diploma is available by full-time and part-time study.

Curriculum

7. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M9801	Business and Financial Awareness	5	10
M9802	Civil Litigation	5	10
M9814	Personal Injury Claim Handling	5	10
M9815	Professional Practice and Ethics	5	10

M9817	Private Client	5	10
M9819	Conveyancing	5	10
M9820	Criminal Litigation	5	10

Optional Modules

No fewer than 50 credits chosen from:

Module Code	Module Title	Level	Credits
M9800	Advanced Private Client	5	10
M9803	Advanced Criminal Advocacy	5	10
M9804	Commercial Conveyancing	5	10
M9805	Company Law	5	10
M9806	Commercial Contracts and Intellectual Property	5	10
M9813	Family Law	5	10
M9816	Practical Public Administration	5	10
M9818	Work-Based Learning in a Legal Environment	5	10
M9817	Employment Law	5	10
M9827	Business Accounting for Legal Professionals	5	10
M9828	Mediation and Mediation Advocacy	5	10
M9893	Project Management for Lawyers	5	10
M9889	General Practice – Problem-based Learning	5	10
M9891	Advanced Civil Advocacy	5	10

Progress

8. Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the programme.
9. Progress to the second year of part-time study will be permitted if a student obtains at least 40 credits.
10. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the Board of Examiners may exceptionally, in the light of their overall performance, permit a student who satisfies the attendance and performance

requirements of a module a maximum of two further attempt at passing the module. The attempt shall normally be made at the next available formal assessment period. The Board of Examiners may additionally require a student to reattend the module.

11. The final award will be based on performance in the examinations and coursework.

Award

12. **Postgraduate Diploma:** In order to qualify for the Postgraduate Diploma in Professional Legal Practice a candidate must have accumulated no fewer than 120 credits from the programme curriculum of which 70 must have been awarded in respect of the compulsory curriculum and 50 must have been awarded in respect of the optional curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

PROFESSIONAL MEDIATION

Postgraduate Diploma in Professional Mediation

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants will:

- i. Provide a personal statement of between 500 and 1,000 words in support of their application; and
- ii. Possess an LLB or equivalent from a university authorised to grant such degrees by the Government of Saudi Arabia;
- iii. or a qualification deemed by the Programme Director to be equivalent to (ii) above.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
The minimum duration of study will be 8 months

Place of Study

3. As permitted by [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) the Postgraduate Diploma in Professional Mediation is delivered at the Saudi Judicial Training Centre (JTC) in Riyadh.

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	Fundamental Aspects of Mediation	5	20
XXXXX	Mediation in Practice: Challenges, Tools and Skills	5	20
XXXXX	Clinical Mediation	5	20

Optional Modules

60 credits chosen from

Module Code	Module Title	Level	Credits
XXXXX	Commercial Mediation	5	20

XXXXX	Employment Mediation	5	20
XXXXX	Criminal Mediation	5	20
XXXXX	Family Mediation	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) candidates will be permitted a maximum of 2 attempts at each assessment.
8. The final award will be based on performance in all coursework.

Award

9. **Postgraduate Diploma:** In order to qualify for the Postgraduate Diploma in Professional Mediation a candidate must have accumulated no fewer than 120 credits from the programme curriculum, including all compulsory modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

ADOLESCENT MENTAL HEALTH AND RESILIENCE

Master of Science Adolescent Mental Health and Resilience

Postgraduate Diploma Adolescent Mental Health and Resilience

Postgraduate Certificate Adolescent Mental Health and Resilience

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree in Psychology or related discipline; or
 - ii. a qualification deemed by the Programme Leader and Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time or part-time study only.

Curriculum

5. Students studying on a part-time basis will normally take no fewer than 40 credits in each year.
6. All students studying shall undertake an approved curriculum;

Compulsory Modules

Module Code	Module Title	Level	Credits
Bxxxx	Transitions in adolescence	5	20
Bxxxx	Adolescent mental health	5	20
Bxxxx	Involving adolescents in research and practice	5	20
Bxxxx	Attachment and relationships	5	20
Bxxxx	Identifying, promoting, and supporting adolescents' mental health needs	5	20
Bxxxx	Placement	5	20

For the Degree of MSc only:

Module Code	Module Title	Level	Credits
Bxxxx	Dissertation	5	60

Progress

7. See [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).
8. The final award will be based on performance in all elements of the summative assessment and the dissertation where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Adolescent Mental Health and Resilience a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of the dissertation Bxxxx.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Adolescent Mental Health and Resilience, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Adolescent Mental Health and Resilience, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

CLINICAL HEALTH PSYCHOLOGY

Master of Science in Clinical Health Psychology
Postgraduate Diploma Clinical Health Psychology
Postgraduate Certificate Clinical Health Psychology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree in Psychology from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time or part-time study only.

Curriculum

5. All students studying shall undertake an approved curriculum:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8954	Health Psychology	5	20
C8953	Clinical Psychology	5	20
C8955	Neuropsychology	5	20
C8990	Research Methods in Clinical Health Psychology	5	20
C8993*	Professional Practice	5	20
C8992	Introduction to Psychological Therapies	5	20

* Scottish Graduate School for Social Sciences (SGSSS) funded students are required to take 'HF905 Becoming a Confident Social Science Researcher, 20 credits,' in place of C8993

For the Degree of MSc only

Module Code	Module Title	Level	Credits
C8957	Dissertation Clinical Health Psychology, MSc	5	60

Progress

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in all elements of assessment and the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Clinical Health Psychology a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of the dissertation C8957.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Clinical Health Psychology, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Clinical Health Psychology, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

COUNSELLING AND PSYCHOTHERAPY

Master of Science in Counselling and Psychotherapy
Postgraduate Diploma in Counselling and Psychotherapy
Postgraduate Certificate in Counselling and Psychotherapy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will be required to have a Counselling & Psychotherapy (COSCA) Certificate in Counselling Skills or the equivalent.

Duration of Study

3. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the minimum duration of study for the full time programme will be 24 months and the maximum duration will be 48 months and for the part time programme the minimum duration of study will be 36 months and the maximum duration will be 72 months.

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programme in Counselling and Psychotherapy is available by full-time and part-time study only.

Curriculum

6. Full-time students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B9913	Counselling Practicum 1	5	10
B9914	Counselling Practicum 2	5	10
B9903	The Therapeutic Relationship	5	20
B9904	Therapeutic Process	5	20
B9906	Counselling Case Formation	5	20
B9907	Personality Theory	5	20

B9909	Personal and professional development 1	5	10
B9910	Personal and professional development 2	5	10

Full time students for the degree of MSc only:

Module Code	Module Title	Level	Credits
B9901	Counselling Research Dissertation	5	60

7. Part-time students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B9915	Counselling Practicum 1	5	10
B9916	Counselling Practicum 2	5	10
B9970	The Therapeutic Relationship	5	20
B9971	Therapeutic Process	5	20
B9972	Counselling Case Formation	5	20
B9973	Personality Theory	5	20
B9911	Personal and professional development 1	5	10
B9912	Personal and professional development 2	5	10

Part time students for the degree of MSc only:

Module Code	Module Title	Level	Credits
B9968	Counselling Research Dissertation	5	60

Progress

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

9. The final award will be based on performance in coursework and the dissertation where undertaken.

Award

10. **Degree of MSc in Counselling and Psychotherapy:** In order to qualify for the award of the degree of MSc in Counselling and Psychotherapy a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in

Counselling and Psychotherapy a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.

12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Counselling and Psychotherapy a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

PHYSICAL ACTIVITY IN NCD PREVENTION AND CONTROL

Master of Science in Physical Activity in NCD Prevention and Control
Postgraduate Diploma in Physical Activity in NCD Prevention and Control
Postgraduate Certificate in Physical Activity in NCD Prevention and Control

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B1908	Introduction to Physical Activity for Health	5	20
C8393	Quantitative Research Methods	5	20
B1907	Mind, Body, and Physical Activity	5	20
B1909	Contemporary Debates in Physical Activity for Health	5	20
B1911	Physical Activity and Mental Health	5	20
B1910	Physical Activity with Specialist Population Groups	5	20

For the degree of MSc only:

Module Code	Module Title	Level	Credits
L1912	Research Project in Physical Activity for Health	5	60

Progress

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

6. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Physical Activity in NCD Prevention and Control a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation B1912.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Physical Activity in NCD Prevention and Control a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits from the taught modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Physical Activity in NCD Prevention and Control a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

PSYCHOLOGY WITH A SPECIALISATION

Master of Science in Psychology with a specialisation in Business

Master of Science in Psychology with a specialisation in Health

Postgraduate Diploma Psychology with a specialisation in Business

Postgraduate Diploma Psychology with a specialisation in Health

Postgraduate Certificate Psychology with a specialisation in Business

Postgraduate Certificate Psychology with a specialisation in Health

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in any subject from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time, part-time or flexible study only.

Mode of Delivery

5. The programme is available by distance learning only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8982	Research Design and Analyses in Psychology	5	20
C8984	Psychobiology and Cognitive Psychology (Spring)	5	20
OR			
C8924	Psychobiology and Cognitive Psychology (Autumn)	5	20
C8981	Social and Developmental Psychology (Autumn)	5	20

OR			
C8923	Social and Developmental Psychology (Spring)	5	20
C8980	CHIP and Individual Differences (Autumn)	5	20
OR			
C8925	CHIP and Individual Differences (Spring)	5	20

Compulsory For Specialisation in Business

Module Code	Module Title	Level	Credits
HR954	Organisational Psychology (Autumn)	5	10
HR955	Leadership in Organisations (Spring)	5	10
HR956	Psychometrics in Organisations (Spring)	5	10
HR967	Foundations of Risk (Autumn)	5	10

Compulsory For Specialisation in Health

Module Code	Module Title	Level	Credits
C8994	Understanding Health (Spring)*	5	20
	OR		
C8998	Understanding Health (Autumn)*	5	20
C8991	Promoting Health (Spring)	5	20
	OR		
C8999	Promoting Health (Autumn)	5	20

*Understanding Health is a pre-requisite for Promoting Health.

For the degree of MSc only:

Module Code	Module Title	Level	Credits
C8983	Empirical Project	5	60

Curriculum (Part-time Study, non-flexible version)

- Students studying on the part-time programme will normally take no fewer than 40 credits in each year.

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)

9. The final award will be based on performance in all elements of the coursework and the dissertation.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc Psychology with a specialisation in Business or the MSc Psychology with a specialisation in Health, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of the project C8983.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Psychology with a specialisation in Business or the Postgraduate Diploma in Psychology with a specialisation in Health, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Psychology with a specialisation in Business or Postgraduate Certificate in Psychology with a specialisation in Health, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

RESEARCH METHODS IN PSYCHOLOGY

Master of Science in Research Methods in Psychology
Postgraduate Diploma in Research Methods in Psychology
Postgraduate Certificate in Research Methods in Psychology
Postgraduate Certificate in Social Research Methods

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree in Psychology from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8939	Quantitative Research Methods	5	20
C8985	Qualitative Research Methods	5	20
C8928	Research Design	5	60
C8986	Dissertation	5	60
L5981*	Perspectives on Social Research	5	20

* Scottish Graduate School for Social Sciences (SGSSS) funded students are required to take HF905 Becoming a Confident Social Science Researcher, 20 credits, in place of L5981.

Progress

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final award will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Research Methods in Psychology a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of the dissertation C8986.
9. **Postgraduate Diploma in Research Methods in Psychology:** In order to qualify for the award of the Postgraduate Diploma in Research Methods in Psychology, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate in Research Methods in Psychology:** In order to qualify for the award of the Postgraduate Certificate in Research Methods in Psychology, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.
11. **Postgraduate Certificate in Social Research Methods:** In order to qualify for the award of the Postgraduate Certificate in Social Research Methods, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme including C8939 Quantitative Research Methods, C8985 Qualitative Research Methods, and L5981* Perspectives on Social Research (* HF905 Becoming a confident Social Science Researcher for SGSSS funded students).

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

SPORT DATA ANALYTICS

Master of Science in Sport Data Analytics

Postgraduate Diploma in Sport Data Analytics

Postgraduate Certificate in Sport Data Analytics

These regulations are to be read in conjunction with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree in Sport or Computer Science from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

4. This programme is available by full-time or part-time study.

Curriculum

5. All students studying shall undertake an approved curriculum as follows;

Compulsory Modules

Module Code	Module Title	Level	Credits
B1700	An Introduction to Sport Data Analytics	5	20
B1702	Video Analysis in Sport	5	20
B1701	Recruitment Analytics in Sport	5	20
B1703	Data Visualisation in Sport	5	20
B1705	Research Methods in Sport Data Analytics	5	20
B1704	Professional Placement in Sport Data Analytics	5	20

For the degree of MSc only:

Module Code	Module Title	Level	Credits
B1706	Dissertation in Sport Data Analytics	5	60

Curriculum (Part-time Study)

6. Students studying on a part-time basis will normally take no fewer than 40 credits in each year.

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Sport Data Analytics a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of B1706 Dissertation.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sport Data Analytics, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Sport Data Analytics, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

ADVANCED RESIDENTIAL CHILD CARE

Master of Science in Advanced Residential Child Care
Postgraduate Diploma in Advanced Residential Child Care
Postgraduate Certificate in Advanced Residential Child Care

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

5. The programmes are available by part-time study only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5971	Critical Perspectives on Residential Child Care	5	20
L5966	Understanding and Assessing in Children's Life-Spaces	5	20
L5965	Ethical Leadership and Management in Residential Child Care	5	20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:

Module Code	Module Title	Level	Credits
L5967	Skilled and Reflective Use of Self in Residential Child Care	5	20
L5970	Intervening Effectively in Residential Child Care	5	20

L5968	Research Methods: Effective and Ethical Research in Residential Child Care	5	20

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
L5969	Professional Enquiry in Residential Child Care: Dissertation	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
9. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates will be permitted a maximum of 2 attempts at each assessment.
10. The final award will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken.

Award

11. **MSc in Advanced Residential Child Care:** In order to qualify for the award of the degree of MSc in Advanced Residential Child Care the candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of either the dissertation L5969 or the research projects.
12. **Postgraduate Diploma in Advanced Residential Child Care:** In order to qualify for the award of the Postgraduate Diploma in Advanced Residential Childcare a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Certificate in Advanced Residential Child Care:** In order to qualify for the award of the Postgraduate Certificate Advanced Residential Childcare a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

CHILD AND YOUTH CARE STUDIES

Master of Science in Child and Youth Care Studies

Postgraduate Diploma in Child and Youth Care Studies

Postgraduate Certificate in Child and Youth Care Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will be required to have had at least two years of appropriate, post-qualifying professional experience.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5905	Child and Youth Care Studies: Child Development in the Life Space	5	20
L5912	Child and Youth Care Studies: Theoretical Contexts	5	20
L5914	Child and Youth Care Studies: Critical Reflection and Relational Practice	5	20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:

Module Code	Module Title	Level	Credits
L5904	Child and Youth Care Studies: Intervention	5	20
L5906	Child and Youth Care Studies: Management and Leadership	5	20
L5915	Child and Youth Care Studies: Research Methods	5	20

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
L5917	Child and Youth Care Studies: Research Project	5	60

Progress

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. In order to progress to the degree of MSc, a student must have accumulated at least 120 credits from the programme curriculum and have submitted a satisfactory proposal for a dissertation.
8. The final award will be based on performance in the coursework, examinations and the dissertation, where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Child and Youth Care Studies by Distance Learning, a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the Dissertation L5917.
10. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Child and Youth Care Studies by Distance Learning, a student must have accumulated no fewer than 120 credits from the taught modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Child and Youth Care Studies by Distance Learning, a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

CHILDREN AND YOUNG PEOPLE IN CONFLICT WITH THE LAW

Postgraduate Certificate in Children and Young People in Conflict with the Law

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above, and
 - iii. have a demonstrated capacity for postgraduate study acceptable to the Programme Leader.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of study

4. The programme is available by part-time study only.

Place of Study

5. The programme is taught by distance learning only.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L8915	Policy and Legislative Context	5	20
L8916	Developmental Pathways, Assessment and Formulation	5	20
L8917	Intervention Approaches	5	20

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Award

8. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Children and Young People in Conflict with the Law, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

CRIMINOLOGY AND SOCIAL POLICY

Master of Science in Criminology and Social Policy
Postgraduate Diploma in Criminology and Social Policy
Postgraduate Certificate in Criminology and Social Policy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programmes are available by full-time and part-time study.

Place of Study

5. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5988	The Contexts of Criminal Justice Research	5	20
L5987	Contemporary Issues in Criminology	5	20
L8914	Prisons, Power and Punishment	5	20
L2909	Qualitative Methods	5	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
L5992	International Social Work: Themes and Perspectives	5	20
L5976	Welfare Concepts and Ideas	5	20
L5975	Approaches to Welfare: Past, Present and Future	5	20
L5981	Perspectives on Social Research	5	20

Or any other module(s) approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5986	Masters Dissertation in Criminology	5	60

Progress

7. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
8. In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the programme curriculum and have submitted a satisfactory proposal for a dissertation.
9. The final award will be based on performance in the assessments, coursework and the dissertation where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in Criminology and Social Policy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Criminology and Social Policy, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Criminology and Social Policy, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

CRIMINOLOGY (RESEARCH METHODS)

Master of Science in Criminology (Research Methods)

Postgraduate Diploma in Criminology (Research Methods)

Postgraduate Certificate in Criminology (Research Methods)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree any discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The programme shall run for 12 months full time and 24 months part time. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study. At the discretion of the relevant Board of Study on the recommendation of the relevant Programme Director (or nominee), a student may transfer from full-time to part-time study and vice-versa where an appropriate programme is available, at which time the relevant minimum and maximum periods of study will be reviewed.

Place of Study

5. Except where Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by Senate for the purpose.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5981	Perspectives on Social Research	5	20
L2905	Quantitative Methods	5	20

L2909	Qualitative Methods	5	20

Postgraduate Diploma students must also take the following modules:

Module Code	Module Title	Level	Credits
M8926	Contemporary Issues in Criminology	5	20
M8925	The Contexts of Criminal Justice Research	5	20
L5983	Evaluation and Policy Research	5	20

MSc students must also take the following module:

Module Code	Module Title	Level	Credits
L5986	Masters Dissertation in Criminology	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates will be permitted a maximum of 2 attempts at each assessment.
9. The final award will be based on performance in all elements of the coursework, the dissertation and, if required, a spoken examination.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in Criminology (Research Methods) a candidate must have accumulated no fewer than 120 credits from the taught modules on the programme and a 60 credit Dissertation L5986.
11. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Criminology (Research Methods), a candidate must have accumulated no fewer than 120 credits from the taught modules on the programme.
12. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Criminology (Research Methods), a candidate must have accumulated no fewer than 60 credits from the taught modules on the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

FAMILY THERAPY AND SYSTEMIC PRACTICE

Master of Science in Family Therapy and Systemic Practice

Postgraduate Diploma in Family Therapy and Systemic Practice

Postgraduate Certificate in in Family Therapy and Systemic Practice

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants must hold a professional qualification in nursing, psychology, counselling medicine, social work or occupational therapy deemed appropriate by the Programme Director.
3. In addition, applicants are normally required to maintain professional contact with families throughout the period of study.

Duration of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Place of Study

5. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the MSc, Postgraduate Diploma and Postgraduate Certificate in Studies in Family Therapy and Systemic Practice are delivered at the Family Therapy Training Network.

Mode of Study

6. The programme is available by part-time study only.

Curriculum

7. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5918	Research and Reflexivity	5	10
L5958	Theory Development in Family Therapy	5	10
L5913	Diversity and Anti-Discriminatory Practice within a Systemic Framework	5	10
L5956	Clinical Placement 1 and 2	5	40
L5957	Models of Change	5	10

L5921	Systemic Psychotherapy and Context	5	10
L5954	Systemic Supervision	5	10
L5955	Personal and Professional Development in Family Therapy and Systemic Practice	5	10
L5961	Systemic Practice in a Work Context	5	10
L5959	Dissertation*	5	60

*Students for the degree of MSc only

Progress

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
10. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates will be permitted a maximum of 2 attempts at each assessment.
11. The final award will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken.

Award

12. **Degree of MSc in Family Therapy and Systemic Practice:** In order to qualify for the award of the degree of MSc in Family Therapy and Systemic Practice a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of either the dissertation L5959 or the research projects.
13. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Family Therapy and Systemic Practice a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
14. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Family Therapy and Systemic Practice a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

HEALTH & SOCIAL POLICY

Master of Science in Health & Social Policy
Postgraduate Diploma in Health & Social Policy
Postgraduate Certificate in Health & Social Policy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

Compulsory Modules

Module Code	Module Title	Level	Credits
L8924	Health Policy in an International Context*	5	20
L8927	Co-Production and Engagement in Health Policy & Practice	5	20
L8928	Inequalities & Social Policy	5	20
And either			
L5976	Welfare Concepts and Ideas	5	20
OR			
L8925	Comparative Social Policy and Welfare Systems	5	20
And either			
L2909	Qualitative Methods	5	20
OR			
L2905**	Quantitative Methods: Survey Methods	5	20
OR			
L8918***	Quantitative Methods: Survey Methods	5	20

* Students who have taken (and passed) L5419 in previous (undergraduate) study cannot take L8924 and should instead choose a health focused elective module, in discussion with the Programme Lead.

Semester 1 *Semester 2

Optional Modules

No fewer than 20 credits chosen from the approved option list below:

Module Code	Module Title	Level	Credits
L8918^	Quantitative Methods: Survey Methods	5	20
L2909^	Qualitative Methods	5	20
L5976^	Welfare Concepts and Ideas	5	20
L8925^	Comparative Social Policy and Welfare Systems	5	20
L5981	Perspectives in Social Research	5	20
MS824	Becoming an Effective Health Analyst	5	20
MS819	Health Systems Performance, Financing & Innovation	5	20
V1988	Gender, Health and Modern Medicine	5	20

^ if not already taken

Or another 20 credit module as approved by the Programme Director.

Not all optional modules in this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5980	Dissertation in Social Policy	5	60
OR			
L8926*	Placement-based Dissertation	5	60

*Students must meet a threshold to undertake this module as outlined in the programme handbook.

Progress

4. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
5. In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the programme curriculum and have submitted a satisfactory proposal for a dissertation.
6. The final award will be based on performance in the assessments, coursework and the dissertation where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Health and Social Policy, a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the Dissertation L5980 or Placement Dissertation L8926.
8. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Health and Social Policy, a student must have accumulated no fewer than 120 credits from the taught modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Health and Social Policy, a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

INTERNATIONAL SOCIAL WELFARE

Master of Science in International Social Welfare

Postgraduate Diploma in International Social Welfare

Postgraduate Certificate in International Social Welfare

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding see [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Place of Study

5. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5976	Welfare, Concepts and Ideas	5	20
L8925	Comparative Social Policy & Welfare Systems	5	20
L5992	International Social Work: Themes and Perspectives	5	20
AND			
L2905*	Quantitative Methods: Survey Methods	5	20
OR			

L8918**	Quantitative Methods: Survey Methods	5	20
AND/OR			
L2909	Qualitative Methods	5	20

*Semester 1

**Semester 2

Optional Modules

No fewer than 40 credits (or 20 credits if both L2905 and L2909 taken) chosen from:

Module Code	Module Title	Level	Credits
L5991	International Social Welfare Project	5	20
OR			
L5993	International Social Welfare Project	5	20
L8914	Prisons, Power and Punishment	5	20
L8928	Inequalities and Social Policy	5	20
L8927	Co-Production and Engagement in Health Policy and Practice	5	20
L8924	Health Policy from an International Perspective	5	20
L8905	Risk and Protection in an Organizational Context	5	20
L8906	Theory & Practice 2	5	20
L2912	International Institutions and Regimes	5	20
L2916	Comparative Public Policy	5	20
L2917	Policy Analysis	5	20
L2962	Contemporary International Relations	5	20
L5981	Perspectives on Social Research	5	20
L5988	The Contexts of Criminal Justice Research	5	20
L5987	Contemporary Issues in Criminology	5	20
EC954	Economic Appraisal and Modelling	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5944	Masters Dissertation in Social Work	5	60
Or			
L5980	Masters Dissertation in Social Policy	5	60
Or			
L8926*	Placement-Based Dissertation	5	60

*Students must meet a threshold to undertake this module as outlined in the handbook.

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
8. In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the programme curriculum and have submitted a satisfactory proposal for a dissertation.
9. The final award will be based on performance in the assessments, coursework and the dissertation where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in International Social Welfare, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Social Welfare, a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Social Welfare, a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

MENTAL HEALTH SOCIAL WORK

Postgraduate Certificate in Mental Health Social Work

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants will be required to have had at least two years of appropriate, post-qualifying professional experience. All applicants must satisfy the requirements for professional registration outlined by the Scottish Social Services Council (SSSC).

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the normal duration of study shall be 12 months. For those in part time employment it is possible to undertake the programme of study over 24 months. The maximum period of study is normally 24 months but for those in part time employment the maximum period of study is 36 months.

Mode of Study

5. The Postgraduate Certificate in Mental Health Social Work is available by part-time study only.

Place of Study

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The practice learning component of the programme takes place within the student's employing agency.

Curriculum

8. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L8920	Mental Disorder, Mental Health Legislation and Human Rights	5	30
L8921	Capacity, Incapacity and the Law in Scotland	5	20
L8923	Working with Individuals with a Mental Disorder and Criminal Proceedings	5	10

Assessment

9. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Progress

10. All modules contain an assessment of the student's practice. The practice element of the first module completed must be assessed as a pass before the student can progress to subsequent modules.
11. The final award will be based on performance in the assessments.

Award

12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Mental Health Social Work a student must have accumulated 60 credits at Level 5 from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

RELATIVE MATTERS – GOOD PRACTICE IN KINSHIP CARE

Postgraduate Certificate in Relative Matters – Good Practice in Kinship Care

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Applicants are normally qualified social workers or allied professional workers and are required, at the time of starting their programme, to be working in a childcare or family placement-related setting or to be contracted to provide assessment or intervention or consultation services to an agency.
3. Applicants must have clearly agreed and defined access to experiences, which in the Programme Leaders' opinion provide the required practice-based learning.
4. Applicants are required to hold a relevant degree and / or professional qualification.
5. All applicants must be employed by a relevant agency or be working independently in a relevant field.
6. In exceptional circumstances, applicants without appropriate qualifications may be admitted on evidence that they can demonstrate their ability to work at postgraduate level.
7. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate competence level.

Duration of Study

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

9. The programme is available by part-time study only.

Place of Study

10. The programme is delivered online by the Association for Fostering, Kinship and Adoption Scotland (AFKA).

Curriculum

11. All students undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
L8XXX	The Kinship Care Context in Scotland	5	20
L8XXX	The Child in Kinship Care	5	20
L8XXX	Assessing and Supporting Kinship Carers	5	20

Examination, Progress and Final Assessment

12. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
13. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates are required to pass written assessments for each module and to have their professional practice observed and verified by an appropriate person.

Award

14. **Postgraduate Certificate:** To qualify for the award of the Postgraduate Certificate in Relative Matters – Good Practice in Kinship Care, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

SECURING CHILDREN'S FUTURES

Postgraduate Certificate in Securing Children's Futures

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Admission is by application. Applicants:
 - i. are normally qualified social workers or allied professional workers, and
 - ii. are required, at the time of starting their programme, to be working in a childcare or family placement-related setting or to be contracted to provide assessment or intervention or consultation services to an agency, and
 - iii. must have clearly agreed and defined access to experiences, which in the opinion of the Programme Directors provide the required practice-based learning, and
 - iv. are required to hold a relevant degree and/or professional qualification, and
 - v. are required to be employed by a relevant agency or be working independently in a relevant field.
2. In exceptional circumstances, applicants without appropriate qualifications may be admitted on evidence that they can demonstrate their ability to work at post graduate level.

Duration of Study

3. The normal duration of study is nine months.

Mode of Study

4. The Postgraduate Certificate in Securing Children's Futures – Good Practice in Permanence Planning and Family Placement is available in part time study only. The programme is modular in nature.

Place of Study

5. The programme is delivered online by the Association for Fostering, Kinship and Adoption Scotland (AFKA).

Curriculum

6. All students undertake a curriculum based on the accumulation of 60 credits, derived from the following:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5979	Setting the Context	5	20
L5977	Keeping the Child Central	5	20
L5978	Assessing and Supporting Carers	5	20

Assessment

7. Candidates are required to pass written assessments for each module and to have their professional practice observed and verified by an appropriate person.
8. Candidates who fail to reach the required standard in any module are permitted one further attempt to pass that module.
9. Progression from one module to the next is not prohibited if a student has to re-submit. A timescale for re-submission of the failed assessment is negotiated. Candidates are required to 'pass' each assessed module to achieve the award of the post graduate certificate.
10. If a candidate fails to reach the required standard in any assignment they can continue on the programme and be awarded fifteen credits for each module 'passed'

Award

11. The final award is a Postgraduate Certificate for which the candidate must have accumulated 60 credits from the three assessed modules.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

SOCIAL POLICY (RESEARCH METHODS)

Master of Science in Social Policy (Research Methods)

Postgraduate Diploma in Social Policy (Research Methods)

Postgraduate Certificate in Social Policy (Research Methods)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5981***	Perspectives on Social Research	5	20
L2909	Qualitative Methods	5	20
L5976	Welfare Concepts and Ideas	5	20
L8925	Comparative Social Policy & Welfare Systems	5	20
And either			
L2905*	Quantitative Methods: Survey Methods	5	20
Or			
L8918**	Quantitative Methods: Survey Methods	5	20

*Semester 1

**Semester 2

***Scottish Graduate School for Social Sciences (SGSSS) funded students are required to take 'HF905 Becoming a confident Social Science Researcher' in place of L5981.

Optional Modules

No fewer than 20 credits chosen from the approved option list below:

Module Code	Module Title	Level	Credits

L5974*	Advanced Project	5	20
Or			
L5990**	Advanced Project	5	20
L2908	Quantitative Methods 2	5	20
L2916	Comparative Public Policy	5	20
L2917	Policy Analysis	5	20
L2912	International Institutions and Regimes	5	20
L5988	The Contexts of Criminal Justice Research	5	20
L5987	Contemporary Issues in Criminology	5	20
L8928	Inequalities and Social Policy	5	20
L8914	Prisons, Power and Punishment	5	20
L8924	Health Policy from an International Perspective	5	20

Or another module approved by the Programme Director.

*Semester 1

**Semester 2

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5980	Dissertation in Social Policy	5	60

Progress

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the assessments, coursework, and the dissertation where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Social Policy (Research Methods), a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the Dissertation L5980.
- Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Social Policy (Research Methods), a student must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Social Policy (Research Methods), a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

SOCIAL POLICY

Master of Science in Social Policy
Postgraduate Diploma in Social Policy
Postgraduate Certificate in Social Policy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

Compulsory Modules

Module Code	Module Title	Level	Credits
L5981	Perspectives on Social Research	5	20
L5976	Welfare Concepts and Ideas	5	20
L8925	Comparative Social Policy & Welfare Systems	5	20
And either			
L2909	Qualitative Methods	5	20
Or			
L2905*	Quantitative Methods: Survey Methods	5	20
Or			
L8918**	Quantitative Methods: Survey Methods	5	20

*Semester 1

**Semester 2

Optional Modules

No fewer than 40 credits chosen from the approved option list below:

Module Code	Module Title	Level	Credits

L5974*	Advanced Project	5	20
Or			
L5990**	Advanced Project	5	20
L2908	Quantitative Methods 2	5	20
L2916	Comparative Public Policy	5	20
L2917	Policy Analysis	5	20
L2912	International Institutions and Regimes	5	20
L5988	The Contexts of Criminal Justice Research	5	20
L5987	Contemporary Issues In Criminology	5	20
L8914	Prisons, Power and Punishment	5	20
L8928	Inequalities and Social Policy	5	20
L8924	Health Policy from an International Perspective	5	20

Or another module approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

*Semester 1

**Semester 2

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5980	Dissertation in Social Policy	5	60
OR			
L8926*	Placement-based Dissertation	5	60

*Students must meet a threshold to undertake this module as outlined in the programme handbook.

Progress

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

5. The final award will be based on performance in the assessments, coursework, and the dissertation where undertaken.

Award

6. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Social Policy, a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the Dissertation L5980.

7. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Social Policy, a student must have accumulated no fewer than 120 credits from the taught modules of the programme.

8. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Social Policy, a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL WORK AND SOCIAL POLICY

SOCIAL WORK (RESEARCH METHODS)

Master of Science in Social Work (Research Methods)
Postgraduate Diploma in Social Work (Research Methods)
Postgraduate Certificate in Social Work (Research Methods)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree in any discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The programme shall run for 12 months full time and 24 months part time. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Place of Study

5. Except where Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by Senate for the purpose.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5981	Perspectives on Social Research	5	20
L2905	Quantitative Methods	5	20
L2909	Qualitative Methods	5	20
L5985	The Use of Evidence in Social Work Research	5	20

L5984	The Context of Social Work Research	5	20
L5983	Evaluation and Policy Research	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
L5982	Masters Dissertation in Social Work	5	60

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. The final assessment will be based on performance in all elements of the coursework and the dissertation.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Social Work (Research Methods), a candidate must have accumulated no fewer than 120 credits from the taught modules on the course and a 60 credit Social Work Dissertation L5982.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Social Work (Research Methods) a candidate must normally have accumulated no fewer than 90 credits from the taught modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Social Work (Research Methods) a candidate must normally have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

SOCIAL WORK

Master of Social Work

Postgraduate Diploma in Social Work

Postgraduate Diploma in Social Studies

Postgraduate Certificate in Social Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In addition, all successful applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

Duration of Study

3. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the minimum duration of study will be 24 months and the maximum duration will be 48 months.

Mode of Study

4. The Postgraduate Diploma in Social Work is available by full-time study only. The dissertation element of the Master of Social Work is available by full-time and part-time study.

Place of Study

5. The programme includes study at the University of Strathclyde and placement out with the University campus.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of Master – no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
S1902	Law for Social Work in Scotland	5	10
S1903	Individuals, Families and Structures in Society	5	10
S1901	Theory and Practice 1	5	10
L8903	Practice 1	5	30
S1900	Methods of Professional Enquiry	5	10
L8905	Risk and Protection in Organisational Contexts	5	20

L8906	Theory and Practice 2	5	20
L89XX	Practice 2	5	30
L8909	MSW Dissertation	5	40

Progress

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. In order to progress to the Postgraduate Diploma in Social Work, a student must have successfully accumulated at least 60 credits from the programme curriculum, including S1902 Law for Social Work in Scotland, S1903 Individuals, Families and Structures in Society, S1901 Theory and Practice 1 and L8903: Practice 1.
9. In order to progress to the degree of Master, a student must have successfully accumulated at least 140 credits from the programme curriculum and have submitted a satisfactory proposal for a dissertation.
10. The final award will be based on performance in the assessments, coursework, and the dissertation where undertaken.

Award

11. **Degree of Master of Social Work:** In order to qualify for the award of the degree of Master of Social Work, a student must have accumulated no fewer than 180 credits of which 40 must have been awarded in respect of the dissertation L8909.
12. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Social Work, a student must have accumulated no fewer than 130 credits from the programme curriculum, including S1902 Law for Social Work in Scotland; Social Policy, Law and Social Work Organisations, S1901 Theory and Practice 1, L8903 Practice 1, L8905 Risk and Protection in Organisational Contexts, L8906 Theory and Practice 2, and L89XX Practice 2.
13. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Social Studies, a student must have accumulated no fewer than 120 credits from programme curriculum.
14. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Social Studies, a student must have accumulated no fewer than 60 credits at Level 5 from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

FINANCE - BAHRAIN

Master of Science in Finance - Bahrain

Postgraduate Diploma in Finance - Bahrain

Postgraduate Certificate in Finance - Bahrain

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Place of Study

5. Study will be undertaken at the University of Strathclyde, Bahrain.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including all the compulsory modules and a dissertation or project.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG9XX	Quantitative Methods for Finance	5	20
AG9XX	Principles of Finance	5	20
AG9XX	Accounting & Financial Analysis	5	20
AG9XX	International Financial Markets & Banking	5	20
AG9XX	Advanced Corporate Finance & Applications	5	20

AG9XX	Derivatives and Treasury Management	5	20
AG9XX	Portfolio Theory & Management	5	10
AG9XX	Equity Analysis	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
AG9XX	Research Project 1	5	20
AG9XX	Research Project 2	5	20

Such other Level 5 modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. The final award will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Finance - Bahrain, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 credits must have been awarded in respect of the research projects AG9XX and AG9XX.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Finance - Bahrain, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Finance, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

FINANCE AND MANAGEMENT

Master of Science in Finance and Management
Postgraduate Diploma in Finance and Management
Postgraduate Certificate in Finance and Management

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Business Studies, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the curriculum
 - iii. for the degree of MSc no fewer than 180 credits including all the compulsory modules and a dissertation or project

Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
AG911	Accounting and Financial Analysis	5	20
AG912	International Financial Markets & Banking	5	20
MG931	Business Strategy	5	10
MG934	Professional Management Practice	5	20

Students must choose 50 credits from the following including at least 10 credits from list A and 10 credits from list B.

List A

Module Code	Module Title	Level	Credits
AG917	Topics in Corporate Finance	5	10
AG916	Behavioural Finance	5	10
AG929	Derivatives	5	10
AG937	Fixed Income Analysis	5	10
AG9XX	Textual Analytics for Accounting and Finance	5	10
AG938	Equity Analysis	5	10

List B

Module Code	Module Title	Level	Credits
EC936	Games of Strategy	5	10
MG831	Commercial Management in Projects	5	10
MG861	Project Management	5	10
MG870	Digital Transformation	5	10
MG872	Strategic Thinking for Global Challenges & Opportunities	5	10
MG874	The Game Changer	5	10
MG931	Business Strategy	5	10
MG936	Strategic Financial Management	5	10
MG938	New Venture Creation	5	10
MG956	Brand Management & Strategy	5	10
MG961	Global Business Environment	5	20
MS976	Service Operations & Simulation	5	10
MG955	Managing in Europe (Toulouse)	5	10

Or other modules approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
AG941	Finance Project	5	20
MG841	Management Project	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, the research projects where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Finance and Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the projects AG941 and MG841.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Finance and Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Finance and Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

FINANCE

Master of Science in Finance
Postgraduate Diploma in Finance
Postgraduate Certificate in Finance

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time or part-time study or by open-learning.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including all the compulsory modules and a dissertation or project.

Compulsory Modules (September start)

Module Code	Module Title	Level	Credits
AG909	Quantitative Methods for Finance	5	20
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
AG912	International Financial Markets & Banking	5	20
AG915	Advanced Corporate Finance & Applications	5	20

AG925	Derivatives and Treasury Management	5	20

Compulsory Modules (January start)

Module Code	Module Title	Level	Credits
AG988	Quantitative Methods for Finance	5	20
AG989	Principles of Finance	5	20
AG990	Accounting & Financial Analysis	5	20
AG991	International Financial Markets & Banking	5	20
AG993	Advanced Corporate Finance & Applications	5	20
AG997	Derivatives and Treasury Management	5	20

Students for the degree of MSc only (September start):

Module Code	Module Title	Level	Credits
AG942	Research Project 1	5	20
AG943	Research Project 2	5	20
Or (in exceptional circumstances and at the Programme Leader's discretion):			
AG913	Dissertation	5	40

Students for the degree of MSc only (January start):

Module Code	Module Title	Level	Credits
AG998	Research Project 1	5	20
AG999	Research Project 2	5	20

Optional Modules (September Start)

20 credits chosen from:

Module Code	Module Title	Level	Credits
AG916	Behavioural Finance	5	10
AG920	Management Accounting	5	10

AG923	Empirical Methods in Finance	5	10
AG924	Portfolio Theory & Management	5	10
MS988	Financial Modelling for Excel	5	10
AG937	Fixed Income Analysis	5	10
AG952	Textual Analytics for Accounting and Finance	5	10
AG938	Equity Analysis	5	10

Optional Modules (January Start)

20 credits chosen from:

Module Code	Module Title	Level	Credits
AG994	Management Accounting	5	10
AG995	Empirical Methods in Finance	5	10
AG996	Portfolio Theory & Management	5	10
AG987	Fixed Income Analysis	5	10
AG983	Textual Analytics for Accounting and Finance	5	10
AG986	Equity Analysis	5	10

Such other Level 5 modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which for the September intake 40 credits must have been awarded in respect of the research projects AG942 and AG943 or in exceptional circumstances the dissertation AG913, or for the January intake 40 credits must have been awarded in respect of the research projects AG998 and AG999.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Finance, a candidate must have accumulated no fewer than 120 credits from the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Finance, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

FINANCIAL TECHNOLOGY (FINTECH)

Master of Science in Financial Technology (FinTech)

Postgraduate Diploma in Financial Technology (FinTech)

Postgraduate Certificate in Financial Technology (FinTech)

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Business Studies, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Degree of MSc no fewer than 180 credits including a project/dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
AG919	Risk Management for Banks	5	10
AG945	Fintech Innovations, Applications and Considerations	5	10
MS922	Quantitative Business Analysis	5	10
AG947	Sustainable Finance and Technology	5	10
MS928	Business Information Systems	5	10

MS815	Programming for Financial Technology	5	10
MS994	Becoming an Effective Technology Analyst	5	20
AG951	Data Analytics for Accounting and Finance	5	10

Optional Modules

Choose no fewer than 30 credits, a minimum of 10 credits from Accounting and Finance and Management Science.

No fewer than 10 credits chosen from:

Management Science

Module Code	Module Title	Level	Credits
MS986	Stochastic Modelling for Analytics	5	10
MS926	Business Simulation Modelling	5	10
MS927	Risk Analysis and Management	5	10

No fewer than 10 credits chosen from:

Accounting and Finance

Module Code	Module Title	Level	Credits
AG924	Portfolio Theory and Management	5	10
AG929	Derivatives	5	10
AG952	Textual Analytics for Accounting and Finance	5	10
AG937	Fixed Income Analysis	5	10

Not all optional modules on these lists will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
AG940	Finance Project	5	20
	And		
MS996	Management Science Project	5	20
Or (in exceptional circumstances and at the Programme Leader's discretion)			
AG932	Dissertation	5	40

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final award will be based on performance in the examinations, coursework, and the dissertation or research projects.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Financial Technology (FinTech), a candidate must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the research projects AG940 & MS996 or in exceptional circumstances the dissertation AG932.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Financial Technology (FinTech), a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate Financial Technology (FinTech), a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

ACCOUNTING, FINANCE AND DATA ANALYTICS

Master of Science in Accounting, Finance and Data Analytics
Postgraduate Diploma in Accounting, Finance and Data Analytics
Postgraduate Certificate in Accounting, Finance and Data Analytics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, to include a significant element of accounting which may be included within a broader relevant area such as Finance, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation or project.

Compulsory Modules (September Start)

Module Code	Module Title	Level	Credits
AG909	Quantitative Methods for Finance	5	20
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
AG914	Advanced Accounting	5	20
AG915	Advanced Corporate Finance & Applications	5	20

AG952	Textual Analytics for Accounting and Finance	5	10
AG951	Data Analytics for Accounting and Finance	5	10

Compulsory Modules (January Start)

Module Code	Module Title	Level	Credits
AG988	Quantitative Methods for Finance	5	20
AG989	Principles of Finance	5	20
AG990	Accounting & Financial Analysis	5	20
AG992	Advanced Accounting	5	20
AG993	Advanced Corporate Finance & Applications	5	20
AG983	Textual Analytics for Accounting and Finance	5	10
AG982	Data Analytics for Accounting and Finance	5	10

Students for the degree of MSc only (September start):

Module Code	Module Title	Level	Credits
AG942	Research Project 1	5	20
AG943	Research Project 2	5	20
Or (in exceptional circumstances and at the Programme Leader's discretion):			
AG913	Dissertation	5	40

Students for the degree of MSc only (January start):

Module Code	Module Title	Level	Credits
AG998	Research Project 1	5	20
AG999	Research Project 2	5	20

Optional Modules (September Start)

20 credits chosen from:

Module Code	Module Title	Level	Credits
AG923	Empirical Methods in Finance	5	10
AG924	Portfolio Theory and Management	5	10

MS988	Financial Modelling for Excel	5	10
AG937	Fixed Income Analysis	5	10
AG938	Equity Analysis	5	10
AG947	Sustainable Finance and Technology	5	10
AG920	Management Accounting	5	10

Not all optional modules on this list will be available in each academic year.

Optional Modules (January Start)

20 credits chosen from:

Module Code	Module Title	Level	Credits
AG995	Empirical Methods in Finance	5	10
AG996	Portfolio Theory and Management	5	10
AG987	Fixed Income Analysis	5	10
AG986	Equity Analysis	5	10
AG984	Sustainable Finance and Technology	5	10
AG994	Management Accounting	5	10

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Accounting, Finance and Data Analytics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the research projects AG942 and AG943 (September) or AG998 and AG999 (January), or in exceptional circumstances the dissertation AG913 (September only).
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Accounting, Finance and Data Analytics, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Accounting, Finance and Data Analytics, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

INVESTMENT AND FINANCE

Master of Science in Investment and Finance
Postgraduate Diploma in Investment and Finance
Postgraduate Certificate in Investment and Finance

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation or project

Compulsory Modules (September Start)

Module Code	Module Title	Level	Credits
AG909	Quantitative Methods for Finance	5	20
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
AG912	International Financial Markets & Banking	5	20
AG917	Topics in Corporate Finance	5	10

AG924	Portfolio Theory & Management	5	10
AG925	Derivatives & Treasury Management	5	20
AG938	Equity Analysis	5	10

Compulsory Modules (January Start)

Module Code	Module Title	Level	Credits
AG988	Quantitative Methods for Finance	5	20
AG989	Principles of Finance	5	20
AG990	Accounting & Financial Analysis	5	20
AG991	International Financial Markets & Banking	5	20
AG985	Topics in Corporate Finance	5	10
AG996	Portfolio Theory & Management	5	10
AG997	Derivatives & Treasury Management	5	20
AG986	Equity Analysis	5	10

Students for the degree of MSc only (September Start):

Module Code	Module Title	Level	Credits
AG942	Research Project 1	5	20
AG943	Research Project 2	5	20
Or (in exceptional circumstances and at the Programme Leader's discretion):			
AG913	Dissertation	5	40

Students for the degree of MSc only (January Start):

Module Code	Module Title	Level	Credits
AG998	Research Project 1	5	20
AG999	Research Project 2	5	20

Optional Modules (September Start)

10 credits chosen from:

Module Code	Module Title	Level	Credits
AG923	Empirical Methods in Finance	5	10
AG916	Behavioural Finance	5	10
MS988	Financial Modelling for Excel	5	10
AG952	Textual Analytics for Accounting and Finance	5	10
AG937	Fixed Income Analysis	5	10

Not all optional modules on this list will be available in each academic year.

Optional Modules (January Start)

10 credits chosen from:

Module Code	Module Title	Level	Credits
AG995	Empirical Methods in Finance	5	10
AG987	Fixed Income Analysis	5	10
AG983	Textual Analytics for Accounting and Finance	5	10

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Investment and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which for the September intake 40 credits must have been awarded in respect of the research projects AG942 and AG943 or in exceptional circumstances the dissertation AG913, or for the January intake must have been awarded in respect of the research projects AG998 and AG999.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Investment and Finance, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Investment and Finance, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

SUSTAINABLE FINANCE

Master of Science in Sustainable Finance
Postgraduate Diploma in Sustainable Finance
Postgraduate Certificate in Sustainable Finance

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. A 2.1 honours degree or equivalent; or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time study only.

Place of study

5. In accordance with the [General Postgraduate Regulations or General Undergraduate Regulations](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 40 credits from the research projects,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits, including 40 credits from modules marked ♦ and 20 credits from modules marked •.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG909	Quantitative Methods for Finance♦	5	20
AG910	Principles of Finance♦	5	20
AG912	International Financial Markets and Banking♦	5	20

AG948	Sustainable Finance*	5	10
AG946	Sustainability Accounting: Theory and Practice*	5	10
AG949	Applications of Sustainable Finance *	5	20
AG947	Sustainable Finance and Technology	5	10

Optional Modules

Students should select 30 credits chosen from:

Module Code	Module Title	Level	Credits
AG923	Empirical Methods for Finance	5	10
AG924	Portfolio Theory Management	5	10
AG929	Derivatives	5	10
AG937	Fixed Income Analysis	5	10
AG9XX	Textual Analytics for Accounting and Finance	5	10
AG938	Equity Analysis	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
AG942	Project 1	5	20
AG950	Project 2	5	20

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
8. In order to progress to the MSc degree of Sustainable Finance, a student must have successfully accumulated at least 140 credits from the programme curriculum and taught component.
9. The final award will be based on performance in the assessments, coursework and the research projects where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in Sustainable Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in

respect of the research projects/dissertation.

11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sustainable Finance, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Sustainable Finance, a candidate must have accumulated no fewer than 60 credits from the programme curriculum, as outlined in Regulation 6.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

APPLIED ECONOMICS

Master of Science in Applied Economics
Master of Science in Applied Economics (online)
Postgraduate Diploma in Applied Economics
Postgraduate Certificate in Applied Economics
Postgraduate Diploma in Economic Policy Development
Postgraduate Certificate in Economic Policy Development

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom university, in which Economics constitutes a significant component; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to the above; or
 - iii. have demonstrated competence in Economics obtained at a level of performance acceptable to the Programme Director.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time, part-time study and by online learning.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate in Applied Economics no fewer than 60 credits from the compulsory taught modules listed below,
 - ii. for the Postgraduate Certificate in Economic Policy Development no fewer than 60 credits of taught modules,
 - iii. for the Postgraduate Diploma in Applied Economics or Economic Policy Development no fewer than 120 credits including all the appropriate compulsory taught modules listed below,
 - iv. for the degree of MSc no fewer than 180 credits.

Compulsory Modules (Applied Economics on campus)

Module Code	Module Title	Level	Credits
EC947	Topics in Public Economics	5	10

EC948	Fundamentals of Macroeconomics	5	10
EC949	International Macroeconomics	5	10
EC951	Analysis of Economic Data	5	20
EC952	Professional Development for Economists	5	20
EC953	Fundamentals of Microeconomics	5	10
EC954	Economic Appraisal and Modelling	5	20

Compulsory Modules (Applied Economics online)

Module Code	Module Title	Level	Credits
EC965	Topics in Public Economics	5	10
EC968	Fundamentals of Macroeconomics	5	10
EC966	International Macroeconomics	5	10
EC969	Analysis of Economic Data	5	20
EC983	Professional Development for Economists	5	20
EC967	Fundamentals of Microeconomics	5	10
EC984	Economic Appraisal and Modelling	5	20

Compulsory Modules (Economic Policy Development)

Module Code	Module Title	Level	Credits
EC962	Regional Development Policy	5	10*

Optional Modules (Applied Economics on campus)

No fewer than 40 credits chosen from the list below, and any other deemed appropriate by the Programme Leader (Note: if you would like to take an elective module, make sure that it does not have a time conflict with any core modules):

Module Code	Module Title	Level	Credits
EC915	Games of Strategy	5	10
EC927	Environmental Economics	5	10
EC928	Energy Economics	5	10
EC956	International Development	5	10
EC961	Economics of Inequality and Inclusive Growth	5	10

EC962	Regional Development Policy	5	10
EC974	Climate Change Economics	5	10
EC982	Health Economics Policy	5	10
EC988	Data Analytics I: Essentials in Economics and Finance	5	20
EC989	Data Analytics II: Advances in Economics and Finance	5	20

Optional Modules (Applied Economics online)

No fewer than 40 credits from the list below, and any other deemed appropriate by the Programme Leader:

Module Code	Module Title	Level	Credits
EC958	Games of Strategy	5	10
EC959	Environmental Economics	5	10
EC960	Energy Economics	5	10
EC957	International Development	5	10
EC985	Economic Inequality and Inclusive Growth	5	10
ECxxx	Climate Change Economics	5	10
EC986	Health Economics	5	10
EC990	Natural Resources, Sustainability and Governance	5	10
EC992	Energy Finance and Forecasting	5	10
EC993	Energy Industries and Markets	5	10

Optional Modules (Economic Policy Development)

Students for the PgCert should select no fewer than 50 credits, and students for the PG Dip should select no fewer than 110 credits from the list below, and any other deemed appropriate by the Programme Leader:

Module Code	Module Title	Level	Credits
EC947	Topics in Public Economics	5	10
EC948	Fundamentals of Macroeconomics	5	10
EC949	International Macroeconomics	5	10
EC975	Economic Data Analysis	5	10

EC953	Fundamentals of Microeconomics	5	10
EC915	Games of Strategy	5	10
EC927	Environmental Economics	5	10
EC928	Energy Economics	5	10
EC956	International Development	5	10
EC961	Economic Inequality and Inclusive Growth	5	10
EC974	Climate Change Economics	5	10
EC982	Health Economics Policy	5	10
EC922	Principles of Economic Appraisal	5	10
EC950	Economic Modelling	5	10

Students for the degree of MSc only (on campus):

Module Code	Module Title	Level	Credits
EC930	Summer Project	5	40

Students for the degree of MSc only (online):

Module Code	Module Title	Level	Credits
EC987	Summer Project	5	40

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, the coursework and the Summer Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Applied Economics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the relevant Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Economics or Economic Policy Development, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Economics or Economic Policy Development, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

ECONOMICS AND FINANCE – BAHRAIN

Master of Science in Economics and Finance – Bahrain

Postgraduate Diploma in Economics and Finance – Bahrain

Postgraduate Certificate in Economics and Finance – Bahrain

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part time study.

Place of Study

5. Study will be undertaken at the University of Strathclyde, Bahrain.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including all the compulsory modules and a dissertation or project.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG9XX	Principles of Finance	5	20
AG9XX	Accounting & Financial Analysis	5	20
EC9XX	Fundamentals of Macroeconomics	5	10

EC9XX	International Macroeconomics	5	10
EC9XX	Analysis of Economic Data	5	20
EC9XX	Professional Development for Economists	5	20
EC9XX	Fundamentals of Microeconomics	5	10
AG9XX	Advanced Corporate Finance & Applications	5	10
AG9XX	Derivatives and Treasury Management	5	10
EC9XX	Environmental Economics	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
Either			
EC9XX	Summer Project	5	40
Or			
AG9XX	Research Project 1	5	20
AG9XX	Research Project 2	5	20

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. The final award will be based on performance in the examinations, coursework, the dissertation where undertaken.
9. **Award Degree of MSc:** In order to qualify for the award of the degree of the MSc in Economics and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the dissertation EC9XX Summer Project or Research Project 1 AG9XX and AG9XX Research Project 2.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Economics and Finance, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Economics and Finance, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

ECONOMICS AND FINANCE

Master of Science in Economics and Finance
Postgraduate Diploma in Economics and Finance
Postgraduate Certificate in Economics and Finance

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Mathematics, Statistics or Computing); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including all the compulsory modules and a dissertation or project.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
EC948	Fundamentals of Macroeconomics	5	10
EC949	International Macroeconomics	5	10

EC951	Analysis of Economic Data	5	20
EC952	Professional Development for Economists	5	20
EC953	Fundamentals of Microeconomics	5	10

And no fewer than 20 credits from:

Module Code	Module Title	Level	Credits
AG915	Advanced Corporate Finance & Applications	5	20
AG925	Derivatives and Treasury Management	5	20
AG917	Topics in Corporate Finance	5	10
AG929	Derivatives	5	10

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
AG916	Behavioural Finance	5	10
AG924	Portfolio Theory and Management	5	10
AG937	Fixed Income Analysis	5	10
EC947	Topics in Public Economics	5	10
EC927	Environmental Economics	5	10
EC928	Energy Economics	5	10
EC956	International Development	5	10
EC915	Games of Strategy	5	10
EC961	Economics of Inequality and Inclusive Growth	5	10
EC962	Regional Development Policy	5	10
EC982	Health Economics Policy	5	10

Or such other Level 5 modules as may be approved by the Programme Director. If you select an optional module from a different Department, make sure that there is no time conflict with any core modules.

Not all optional modules will be available every year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
Either			
EC930	Summer Project	5	40
Or			
AG942	Research Project 1	5	20
AG943	Research Project 2	5	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Economics and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the dissertation EC930 Summer Project or Research Project 1 AG942 and AG943 Research Project 2.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Economics and Finance, a candidate must have accumulated no fewer than 120 credit, from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Economics and Finance, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

ECONOMICS AND POLICY OF ENERGY AND CLIMATE CHANGE

Master of Science in Economics and Policy of Energy and Climate Change
Master of Science in Economics and Policy of Energy and Climate Change (Online)
Postgraduate Diploma in Economics and Policy of Energy and Climate Change
Postgraduate Certificate in Economics and Policy of Energy and Climate Change

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or second class Honours degree of a United Kingdom university, in which relevant disciplines constitute a significant component; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to the above: or
 - iii. have demonstrated competence in a relevant discipline obtained at a level of performance acceptable to the Programme Leader.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The on campus programmes are available by full-time and part-time study. The online programme is available by part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the compulsory modules
 - ii. for the Postgraduate Diploma no fewer than 120 credits including all the compulsory modules
 - iii. for the degree of MSc no fewer than 180 credits, including the project

Compulsory Modules (On Campus)

Module Code	Module Title	Level	Credits
EC975	Economic Data Analysis	5	10
EC978	Natural Resources, Sustainability and Governance	5	10

EC976	Energy Finance and Forecasting	5	10
EC974	Climate Change Economics	5	10
EC977	Energy Technologies, Impacts and Implementation	5	10
EC980	Energy Industries and Markets	5	10
EC928	Energy Economics	5	10
EC927	Environmental Economics	5	10
EC991	Global Energy Policy and Politics	5	20
EC954	Economic Appraisal & Modelling	5	20

Compulsory Modules (Online)

Year 1

Module Code	Module Title	Level	Credits
EC969	Analysis of Economic Data	5	20
EC967	Fundamentals of Microeconomics	5	10
EC960	Energy Economics	5	10
EC959	Environmental Economics	5	10
EC984	Economic Appraisal and Modelling	5	20

Year 2

Module Code	Module Title	Level	Credits
EC990	Natural Resources, Sustainability and Governance	5	10
EC993	Energy Industries and Markets	5	10
EC9XX	Climate Change Economics	5	10
EC992	Energy Finance and Forecasting	5	10

Elective Modules (On Campus)

20 credits chosen from any elective modules at the appropriate level as approved by the Programme Director. Note that if you select an optional module from a different Department, make sure that it does not conflict with any core modules.

Module Code	Module Title	Level	Credits

EC915	Games of Strategy	5	10
EC948	Fundamentals of Macroeconomics	5	10
EC953	Fundamentals of Microeconomics	5	10
EC956	International Development	5	10
EC961	Economics of Inequality and Inclusive Growth	5	10
EC962	Regional Development Policy	5	10
EC982	Health Economics Policy	5	10

Optional Modules (Online)

30 credits chosen from:

Module Code	Module Title	Level	Credits
EC957	International Development	5	10
EC968	Fundamentals of Macroeconomics	5	10
EC965	Topics in Public Economics	5	10
EC966	International Macroeconomics	5	10
EC958	Games of Strategy	5	10
EC985	Economics of Inequality and Inclusive Growth	5	10
EC986	Health Economic Policy	5	10

Or such other level 5 modules as may be approved by the Programme Leader. Not all optional modules will be available every academic year.

Students for the degree of MSc only (On Campus):

Module Code	Module Title	Level	Credits
EC930	Summer Project	5	40

Students for the degree of MSc only (Online):

Module Code	Module Title	Level	Credits
EC987	Summer Project	5	40

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), a candidate for the degree of Master may be re-assessed in no more than four taught modules normally in the same academic year. The Board will determine whether the resit in the relevant module(s) should take the form of an examination or an assignment.
8. Candidates studying on a part-time basis will normally take examinations and/or assignments in the same years as the modules for which they are being examined and will be permitted to resit no more than four modules over the entire period of registration. Where candidates are required to resit, these attempts shall normally be made at the next available diet of examinations.
9. The final award will be based on performance in the examinations, the coursework and the project report where undertaken.

Award

10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Economics and Policy of Energy and Climate Change, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the Project EC930 Summer Project (on campus) or Project EC987 Summer Project (online).
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Economics and Policy of Energy and Climate Change, a candidate must have accumulated no fewer than 120 credits from the taught compulsory modules of the programme.
12. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Economics and Policy of Energy and Climate Change, a candidate must have accumulated no fewer than 60 credits from the taught compulsory modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION

Master of Business Administration

Master of Business Administration (Executive)

Master of Business Administration with Specialisation*

Postgraduate Diploma in Business Administration

Postgraduate Certificate in Business Administration

Specialisations

***Shipping**

***Sustainable Energy Futures**

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

These regulations apply to entry on the above programmes from Academic Year 2023/24 only.

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates shall normally possess:
 - i. a degree from a United Kingdom University; or
 - ii. other qualifications deemed, by the Programme Leader of the relevant study route, acting on behalf of Senate, to be equivalent to i. above including the Postgraduate Diploma in Business Administration or its equivalent; or
 - iii. be deemed, by the Programme Leader of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to i. above.
2. In addition, all successful applicants will be required to have had a period of relevant managerial experience. For applicants holding a degree of a University in the United Kingdom, or an equivalent academic or professional qualification, the period is normally three years. Other applicants, who lack formal qualifications but have substantial managerial experience should have a minimum of five years of relevant experience.
3. Applicants holding the MSc in Business and Management from the University of Strathclyde wishing to convert this degree to the MBA will apply for Recognition of Prior Learning (RPL) following the University Policy on the Recognition of Prior Learning and Credit Transfer. On qualifying for the award of the MBA, students will be required to surrender the MSc.
4. Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.
5. Where applicable for accreditation purposes, applicants with an undergraduate degree from a United Kingdom University with a lower second class (2:2) classification or lower, or its equivalent must complete a mandatory pre-sessional course (Executive MBA at International Centres only).

Duration of Study

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.

7. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the Postgraduate Diploma in Business Administration the minimum duration of study will be 18 months and the maximum duration of study will be 48 months.

Mode of Study

8. The programmes are available by full-time and part-time study, except for the Master of Business Administration (Executive) and the Postgraduate Diploma in Business Administration which are available by part-time study only.

Curriculum

9. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MB941	Leading a Sustainable Organisation	5	10
MB942	Marketing & Brand Management*	5	10
MB932	Operations & Project Management*	5	10
MB940	Accounting and Financial Management*	5	10
MB935	Economic Analysis for Strategists*	5	10
MB933	Business Intelligence & Data Analytics	5	10
MB934	Digital Transformation & Technical Innovation	5	10
MB937	Entrepreneurial Thinking & Practice	5	10
MB938	Grand Challenges of Corporate Governance*	5	10
MB939	Applied Strategic Management	5	10
MB929	Strategic Leadership Development	5	20

Together with either a 40 credit or 60 credit dissertation (or equivalent) as follows:

Module Code	Module Title	Level	Credits
MB948/ MB949	Research Dissertation	5	40/60
OR			
MB950/ MB951	Consultancy Project	5	40/60
OR			
MB952/ MB953	Entrepreneurial Project	5	40/60

* Students on the **Master of Business Administration with Specialisation in Sustainable Energy Futures** will take the following versions of these modules:

Module Code	Module Title	Level	Credits
MB945	Partnerships, Stakeholder Relationships and Business Development in a Digital Age	5	10
MB931	Operations and Project Management in the Energy Industry	5	10
MB928	Accounting & Financial Practice of Energy Transactions	5	10
MB943	Economics Analysis for Strategists within the Energy Sector	5	10
MB944	Grand Challenges of Corporate Governance: Energy, Policy & Sustainability	5	10

Optional Modules

Students taking a 40 credit dissertation (or equivalent) option should take a further 20 credits chosen from:

Module Code	Module Title	Level	Credits
MG945	Global Operations Strategy	5	10
MG861	Project Management	5	10
EC936	Games of Strategy	5	10
MG863	Strategic Technology Management	5	10
MG864	Scenario Planning for Global Challenges	5	10
MG956	Brand Management & Strategy	5	10
MG936	Strategic Financial Management	5	10
MG938	New Venture Creation	5	10
MG860	Big Data Fundamentals	5	10
MG870	Digital Transformation & Technological Innovation	5	10
MG821	Leadership for Change & Innovation	5	10
MG955	Managing In Europe	5	10
MG986	Managing Inter-Organizational Partnerships and Alliances	5	10
MK810	Digital Leadership: Strategy and Management	5	10
MG956	Brand Management and Strategy	5	10
MG821	Leadership for Change and Innovation	5	10
MG845	Systems Availability & Maintenance	5	10
MG846	Maritime Transport & Economics*	5	10

MG848	Maritime Safety & Risk*	5	10
MG847	Maritime Regulatory Framework*	5	10
MG851	Strategic Supply Chain Management	5	10
MG853	Lean & Green Logistics	5	10
MG852	Organisational Buying Behaviour & Structures	5	10
MG850	Strategic Procurement Management	5	10
MB936	Energy Supply and Trading**	5	10
MB930	The Sustainable Energy Organisation**	5	10

Students undertaking the specialisation in * Shipping or ** Sustainable Energy Futures should select from the modules indicated.

Such other Level 5 modules as may be approved by the Programme Leader of the relevant study route.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

10. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

11. The final award will be based on performance in all elements of the programme.

12. **Degree of MBA:** In order to qualify for the award of the degree of Master of Business Administration, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which at least 40 must have been awarded in respect of the dissertation (or equivalent) MB948/MB949 Research Dissertation, MB950/MB951 Consultancy Project or MB952/MB953 Entrepreneurial Project.

13. **Degree of MBA (Executive):** In order to qualify for the award of the degree of Master of Business Administration (Executive), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which at least 40 must have been awarded in respect of the dissertation (or equivalent) MB948/MB949 Research Dissertation, MB950/MB951 Consultancy Project or MB952/MB953 Entrepreneurial Project.

14. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.

15. **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

16. **MBA with Specialisation:** In order to qualify for the award of the degree of MBA with Specialisation in a given topic, a candidate must have undertaken the 40 credit dissertation (or equivalent) MB948/MB949 Research Dissertation, MB950/MB951 Consultancy Project or MB952/MB953 Entrepreneurial Project in an area related to the chosen specialism, along with a further 20 credits in the chosen specialism from the optional modules listed in the curriculum.

17. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration in a named subject, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
18. **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration in a named subject, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

Transfer

19. In relation to the transfer from the Postgraduate Diploma in Business Administration to the degree of Master of Business Administration the relevant parts of the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply as appropriate.
20. At the Board of Examiners' discretion, a student who fails to meet the requirements for the award of the MBA may be considered for transfer to an award of the Postgraduate Diploma in Business Administration. A student in this category will automatically be barred from re-enrolment on the MBA programme on the basis of this Diploma in Business Administration.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION

Master of Business Administration

Master of Business Administration (Executive)

Master of Business Administration with Specialisation*

Postgraduate Diploma in Business Administration

Postgraduate Certificate in Business Administration

Specialisations

***Shipping**

***Sustainable Energy Futures**

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

These regulations apply to entry on the above programmes from Academic Year 2024/25 entry onwards.

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates shall normally possess:

- i. a degree from a United Kingdom University; or
- ii. other qualifications deemed, by the Programme Leader of the relevant study route, acting on behalf of Senate, to be equivalent to i. above including the Postgraduate Diploma in Business Administration or its equivalent; or
- iii. be deemed, by the Programme Leader of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to i. above.

2. In addition, all successful applicants will be required to have had a period of relevant managerial experience. For applicants holding a degree of a University in the United Kingdom, or an equivalent academic or professional qualification, the period is normally three years. Other applicants, who lack formal qualifications but have substantial managerial experience should have a minimum of five years of relevant experience.

3. Applicants holding the MSc in Business and Management from the University of Strathclyde wishing to convert this degree to the MBA will apply for Recognition of Prior Learning (RPL) following the University Policy on the Recognition of Prior Learning and Credit Transfer. On qualifying for the award of the MBA, students will be required to surrender the MSc.

4. Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

5. Where applicable for accreditation purposes, applicants with an undergraduate degree from a United Kingdom University with a lower second class (2:2) classification or lower, or its equivalent must complete a mandatory pre-sessional course (Executive MBA at International Centres only).

Duration of Study

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.

7. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree](#)

Programme Level, the Postgraduate Diploma in Business Administration the minimum duration of study will be 18 months and the maximum duration of study will be 48 months.

Mode of Study

8. The programmes are available by full-time and part-time study, except for the Master of Business Administration (Executive) and the Postgraduate Diploma in Business Administration which are available by part-time study only.

Curriculum

9. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MB941	Leading a Sustainable Organisation	5	10
MB973	Marketing Management	5	10
MB932	Operations & Project Management*	5	10
MB940	Accounting and Financial Management*	5	10
MB935	Economic Analysis for Strategists*	5	10
MB972	Managing Value-Driven Analytics	5	10
MB934	Digital Transformation & Technical Innovation	5	10
MB937	Entrepreneurial Thinking & Practice	5	10
MB974	Applied Strategic Management	5	10
MB975	Strategic Leadership Development	5	10
MB978	Macroeconomics and International Business Environment*	5	10
MB976	The Boardroom Challenge	5	10
MB977	The Consulting Impact Challenge	5	10

* Students on the **Master of Business Administration with Specialisation in Sustainable Energy Futures** will instead take the following versions of these modules:

Module Code	Module Title	Level	Credits
MB945	Partnerships, Stakeholder Relationships and Business Development in a Digital Age	5	10
MB931	Operations and Project Management in the Energy Industry	5	10
MB928	Accounting & Financial Practice of Energy Transactions	5	10
MB943	Economics Analysis for Strategists within the Energy Sector	5	10
MB944	Macroeconomics and the International Business Environment	5	10

Optional Modules

And 20 credits chosen from:

Module Code	Module Title	Level	Credits
MG945	Global Operations Strategy	5	10
MG861	Project Management	5	10
EC936	Games of Strategy	5	10
MG863	Strategic Technology Management	5	10
MG864	Scenario Planning for Global Challenges	5	10
MG956	Brand Management & Strategy	5	10
MG936	Strategic Financial Management	5	10
MG938	New Venture Creation	5	10
MG860	Big Data Fundamentals	5	10
MG870	Digital Transformation & Technological Innovation	5	10
MG821	Leadership for Change & Innovation	5	10
MG955	Managing In Europe	5	10
MG986	Managing Inter-Organizational Partnerships and Alliances	5	10
MK810	Digital Leadership: Strategy and Management	5	10
MG956	Brand Management and Strategy	5	10
MG821	Leadership for Change and Innovation	5	10
MG845	Systems Availability & Maintenance	5	10
MG846	Maritime Transport & Economics*	5	10
MG848	Maritime Safety & Risk*	5	10
MG847	Maritime Regulatory Framework*	5	10
MG851	Strategic Supply Chain Management	5	10
MG853	Lean & Green Logistics	5	10
MG852	Organisational Buying Behaviour & Structures	5	10
MG850	Strategic Procurement Management	5	10
MB936	Energy Supply and Trading**	5	10

MB930	The Sustainable Energy Organisation**	5	10

Students undertaking the specialisation in * Shipping or ** Sustainable Energy Futures should select from the modules indicated.

Such other Level 5 modules as may be approved by the Programme Leader of the relevant study route.

Not all optional modules on this list will be available in each academic year.

Together with a 30 credit project as follows:

Module Code	Module Title	Level	Credits
MB980	Research Project	5	30
OR			
MB979	Consultancy Project	5	30
OR			
MB981	Entrepreneurial Project	5	30

Examination, Progress and Final Assessment

10. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

11. The final award will be based on performance in all elements of the programme.

12. **Degree of MBA:** In order to qualify for the award of the degree of Master of Business Administration, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which at least 30 must have been awarded in respect of either MB980 Research Project or MB979 Consultancy Project or MB981 Entrepreneurial Project.

13. **Degree of MBA (Executive):** In order to qualify for the award of the degree of Master of Business Administration (Executive), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which at least 30 must have been awarded in respect of either MB980 Research Project or MB979 Consultancy Project or MB981 Entrepreneurial Project.

14. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.

15. **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

16. **MBA with Specialisation:** In order to qualify for the award of the degree of MBA with Specialisation in a given topic, a candidate must have undertaken the 30 credit project, either MB980 Research Project or MB979 Consultancy Project or MB981 Entrepreneurial Project in an area related to the chosen specialism, along with the further 20 credits in the chosen specialism from the optional modules listed in the curriculum.

17. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration in a named subject, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.

18. **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration in a named subject, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

Transfer

19. In relation to the transfer from the Postgraduate Diploma in Business Administration to the degree of Master of Business Administration the relevant parts of the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply as appropriate.

20. At the Board of Examiners' discretion, a student who fails to meet the requirements for the award of the MBA may be considered for transfer to an award of the Postgraduate Diploma in Business Administration. A student in this category will automatically be barred from re-enrolment on the MBA programme on the basis of this Diploma in Business Administration.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

DIGITAL TRANSFORMATIONS

Master of Science in Digital Transformation
Postgraduate Diploma in Digital Transformation
Postgraduate Certificate in Digital Transformation

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), candidates shall normally possess:
 - (i) a degree from a United Kingdom University; or
 - (ii) other qualifications deemed, by the Programme Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i), above; or
 - (iii) be deemed, by the Programme Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above, and
 - (iv) in addition, all successful applicants will be required to have had a period of relevant managerial experience. For applicants holding a degree of a University in the United Kingdom, or an equivalent academic or professional qualification, the period is normally three years. Other applicants, who lack formal qualifications require to have a minimum of five years of relevant managerial experience.

Mode of Study

2. The programmes are available by part-time study only.

Duration of Study

3. The duration of study for each level is:
 - i. Masters 24 months
 - ii. Postgraduate Diploma 21 months
 - iii. Postgraduate Certificate 8 months

Curriculum

4. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module title	Level	Credits
MB922	Understanding Global Digital Disruption	5	20
MB920	Managing Digital Transformation	5	20
MB921	Mastering Digital Technologies	5	20
MB915	Customer Engagement in A Digital World	5	20

MB916	Designing Digital Strategies for Business Transformation	5	20
MB918	Leading Digital Transformation	5	20
MB917	Exploring Digital Transformation Practice	5	20
And either			
MB919	Management Thesis in Digital Transformation	5	40
	Or		
MB913	Business Start-up (Entrepreneurship) – Digital Transformation	5	40
	Or		
MB914	Consultancy Implementation Project in Digital Transformation	5	40

Examination, Progress and Final Assessment

- The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on performance in all elements of the programme.
- Degree of **MSc Digital Transformation**: In order to qualify for the award of the degree of MSc in Digital Transformation, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits.
- Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Digital Transformation, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate**: In order to qualify for the award of the postgraduate Certificate in Digital Transformation, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

UNIVERSITY OF STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

HEALTH AND CARE LEADERSHIP

Master of Science in Health and Care Leadership
Postgraduate Diploma in Health and Care Leadership
Postgraduate Certificate in Health and Care Leadership

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. See the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#)
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Masters by part-time study 60 months
 - ii. PG Diploma by part-time study 48 months
 - iii. PG Certificate by part-time study 24 months

Mode of study

4. The programme is available by blended learning only. This mode of study concerns a combination of online learning and face to face workshops.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 40 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
SD921	Developing and Leading Collaborative Health and Care Workforces for the Future	5	20
SD919	Big Data Driven Healthcare	5	20
SD918	Contemporary Issues and Inequalities in Health and Care	5	20
SD916	Health systems performance, financing and innovation	5	20

SD920	Designing People Centric Healthcare	5	20
SD922	Leading Improvement and Transformation	5	20
SD915	Personal Professional and Leadership Development	5	10

Optional Modules

Students should select no fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
MG938	New Venture Creation	5	10
MS976	Service Operations and Simulation	5	10
MB963	Strategy in Practice	5	10
MB962	The Inclusive Organisation	5	10
MB960	Developing Effective Consulting Skills	5	10
MB955	Commercial Management in Projects	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
SD917	Service/Business Transformation Project	5	40

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Health and Care Leadership, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 credits must have been awarded in respect of the Service / Business Transformation Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Health and Care Leadership, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Health and Care Leadership, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

SALES AND MARKETING

Master of Science in Sales and Marketing
Postgraduate Diploma in Sales and Marketing
Postgraduate Certificate in Sales and Marketing

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. an equivalent degree from a non-UK University; or
 - iii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the minimum period of study shall be as follows:
 - i. Masters by part-time study 24 months
 - ii. PG Diploma by part-time study 18 months
 - iii. PG Certificate by part-time study 12 months

Mode of study

4. The programme is available by part-time study only.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 40 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
MG870	Managing Digital Transformation	5	20
MG926	Managing People in Organisations	5	10

OB907	The Reflective Leader	5	10
SD901	Account Management and Customer Relations	5	10
SD902	Contemporary Marketing Strategy	5	20
SD904	Finance Management	5	20
SD905	Negotiation Skills and Sales Techniques	5	10
SD906	Strategic Sales Management	5	10
SD907	Supply Chain Management and Forecasting and Demand	5	10

Optional Modules

Students should select 20 credits chosen from:

Module Code	Module Title	Level	Credits
MG916	Operations Management	5	10
MG919	Analytical Support for Decision Making	5	10
MG938	New Venture Creation	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
SD903	Final Project	5	40

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Sales and Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 credits must have been awarded in respect of the research project SD903 Final Project.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sales and Marketing, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Sales and Marketing, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

STRATHCLYDE EXECUTIVE EDUCATION AND DEVELOPMENT

Master Science in Strategic FinTech
Postgraduate Diploma in Strategic FinTech
Postgraduate Certificate in Strategic FinTech

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall possess:
 - i. a degree from a UK university, or equivalent academic qualification from a comparable non-UK institution; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be the equivalent of the above; or
 - iii. have demonstrated competence in a relevant discipline obtained at a level of performance acceptable to the Programme Leader, and
 - iv. have a minimum of three years' full-time postgraduate experience.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
3. The duration of study shall normally be:
 - i. Masters by part-time study 30 months
 - ii. PG Diploma by part-time study 24 months
 - iii. PG Certificate by part-time study 12 months

Mode of Study

4. The programme is available by part-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
MB909	Global Development in Fintech	5	20
MB904	Leading Digital Transformation in a Finance Context	5	20
MB906	Fintech Strategy and Business Model Innovation	5	20
MB905	Mastering Evolving Digital Technologies	5	20
MB908	Transforming Customer Experience through Financial Technologies	5	20
MB907	Economic and Regulatory Policies for Fintech	5	20

MB901	The Future of Fintech	5	20
	And either		
MB910	Fintech Consultancy/Implementation Project (Intrapreneurship)	5	40
	Or		
MB911	Management Research Thesis	5	40
	Or		
MB912	Fintech Business Start-up (Entrepreneurship)	5	40

Examination, Progress and Final Assessment

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
7. The final award will be based on performance in all assessed elements of the programme.

Award

8. **MSc:** In order to qualify for the award of the degree of MSc in Strategic Fintech, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Strategic FinTech: a candidate must have accumulated no fewer than 120 credits from the taught classes of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Strategic FinTech: a candidate must have accumulated no fewer than 60 credits from the taught classes of the programme.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMME

SUSTAINABILITY

Master of Science in Sustainability
Master of Science in Sustainability with a Specialisation in*
Postgraduate Diploma in Sustainability
Postgraduate Certificate in Sustainability

*Specialisations

Novel Economic Approaches for Sustainability
Business Management and Operational Challenges
Social Inequalities and Policy
Environment, Resources and Health

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first class or second class honours degree (or international equivalent) in any degree discipline; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time study only.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
SU902	Concepts and Theories of Sustainability	5	10

SU904	Knowledge systems: Collaboration and Partnership for Sustainability	5	10
CL994	Circular Economy and Transformations Towards Sustainability	5	10
EC978	Natural Resources, Sustainability and Governance	5	10
EC964	Global Energy Policy and Politics	5	20

Optional Modules

Students on specialisations Novel Economic Approaches for Sustainability, Business Management and Operational Challenges and Environment, Resources and Health should select no fewer than 20 credits and students on specialisation Social Inequalities and Policy should choose no fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
CL961	Geographical Information Systems	5	10
CS997	Human Information Behaviour	5	10
ME957	Satellite Data Assimilation and Analysis	5	10
MS980	Business analytics	5	10
M8914	International climate change law	5	20
M9871	International Environmental Law 2	5	10
L2967	City Systems and Infrastructure	5	10
MM914	Foundations of Probability and Statistics	5	20
MM916	Data Analytics in R	5	20

Specialisation in Novel Economic Approaches for Sustainability

Optional Modules

Along with 40 credits from:

Module Code	Module Title	Level	Credits
EC974	Climate Change Economics	5	10
EC957	International Development	5	10
EC975	Economic Data Analysis	5	10
AND			
EC928	Energy Economics	5	10
OR			

EC927	Environmental Economics	5	10
OR			
EC961	Economics of Inequality and Inclusive Growth	5	10
OR			
EC928	Energy economics	5	10

Specialisation in Business Management and Operational Challenges

Optional Modules

Along with 40 credits from:

Module Code	Module Title	Level	Credits
MG926	Managing people in organisations	5	10
MG927	Business Operations	5	10
MK821	Dissertation Skills	5	10
AND			
DM926	Supply chain operations	5	10
OR			
Z1981	Social Impact Strategy Lab	5	10
OR			
Z1976	Social Entrepreneurship	5	10
OR			
SD912	Climate Solutions Management	5	10
OR			
WE904	Organisational Development & Change	5	10
OR			
M9922	Business and Human Rights	5	10
OR			
MK9XX	Social Responsibility and Sustainability	5	10
OR			
MK9XX	Social Marketing	5	10

Specialisation in Social Inequalities and Policy

Optional Modules

Along with 50 credits from:

Module Code	Module Title	Level	Credits
L8928	Inequalities and Social Policy	5	20
L2909	Research Methods 2	5	10
AND			
L2992	Comparative political economy	5	20
OR			
L2991	International political economy	5	20

Specialisation in Environment, Resources and Health

Optional Modules

Along with 40 credits from:

Module Code	Module Title	Level	Credits
CL946	Global Water Policy	5	10
CL970	Environmental Pollution Management	5	10
CL986	Quantitative and Qualitative research methods	5	10
AND			
EV921	Water & Environmental Management	5	10
OR			
CL913	Public Health Studies	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
SU905	Dissertation in Sustainability	5	60

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

8. In order to progress to the degree of MSc in Sustainability, a student must have successfully accumulated at least 120 credits from the programme curriculum, successfully performed in the chosen specialisation track modules as well as completed a dissertation project.
9. The final award will be based on the student's performance in their assessments.

Award

10. **Degree of MSc:** In order to qualify for the degree of MSc in Sustainability, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded for the dissertation.
11. **Degree of MSc with Specialisation in (Named Subject):** In order to qualify for the degree of MSc in Sustainability with a Specialisation in (Named Subject), a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded for the dissertation and either 40 or 50 credits from the optional modules as per Regulation 6.
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sustainability a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Sustainability, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

HUNTER CENTRE FOR ENTREPRENEURSHIP, STRATEGY AND INNOVATION

BUSINESS AND MANAGEMENT

Master of Science in Business and Management
Postgraduate Diploma in Business and Management
Postgraduate Certificate in Business and Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the curriculum
 - iii. for the degree of MSc no fewer than 180 credits from the curriculum including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
MG837	Leadership for Change and Innovation	5	10
MG822	Managing Innovation	5	10
MG836	Consulting in Practice	5	10
MG925	Marketing Management	5	10
MG926	Managing People in Organisations	5	10
MG927	Business Operations	5	10
MG928	Analytical Support for Decision Making	5	10
MG929	Finance and Financial Management	5	10
MG930	Managerial Accounting	5	10
MG931	Business Strategy	5	10

MG934	Professional Management Practice	5	20

Optional Modules

Students must take no fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
MG861	Project Management	5	10
MG955	Managing in Europe (Toulouse)	5	10
MB957	Service Operations & Simulation	5	10
MG870	Digital Transformation & Technological Innovation	5	10
MB959	Brand Management & Strategy	5	10
MB956	New Venture Creation	5	10
MG860	Big Data Fundamentals	5	10

Such other Level 5 as may be approved by the Programme Leader or nominee.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Compulsory Modules

Module Code	Module Title	Level	Credits
MG970 /MG866	Individual/Group Project	5	40/60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Business and Management, a candidate must have accumulated no fewer than 180 credits which must include one of the compulsory projects.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business and Management, a candidate must have accumulated no fewer than 120 credits from the programme.
- Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business and Management, a candidate must have accumulated no fewer than 60 credits from the programme.

STRATHCLYDE BUSINESS SCHOOL

HUNTER CENTRE FOR ENTREPRENEURSHIP, STRATEGY AND INNOVATION

ENTREPRENEURSHIP, INNOVATION AND TECHNOLOGY EMERGING TECHNOLOGIES, INNOVATION AND ENTREPRENEURSHIP

Master of Science in Entrepreneurship, Innovation and Technology
Master of Science in Emerging Technologies, Innovation and Entrepreneurship
Postgraduate Diploma in Entrepreneurship, Innovation and Technology
Postgraduate Diploma in Emerging Technologies, Innovation and Entrepreneurship
Postgraduate Certificate in Entrepreneurship, Innovation and Technology

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the curriculum
 - iii. for the degree of MSc no fewer than 180 credits from the curriculum including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1951	Issues and Trends in Entrepreneurship, Innovation and Technology	5	10
Z1961	Strategic Innovation Management	5	10
Z1980	Creativity and New Venture Planning	5	20
Z1987	Disruptive Technologies Lab	5	10
MS981	Data Lab	5	10

Entrepreneurship, Innovation and Technology

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1960	Mindset Lab	5	10
Z1945	Internationalisation and Growth	5	10
Z1988	Leading and Managing Startups	5	10
Z1976	Social Entrepreneurship	5	10
Z1982	Entrepreneurial Finance	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
Z1947	Virtual Incubator Project	5	60

Emerging Technologies, Innovation and Entrepreneurship

Optional Modules

60 credits from the following:

Module Code	Module Title	Level	Credits
DM720	Strategic Technology Management	5	10
DM894	Digital Manufacturing	5	10
DM945	Systems Thinking and Modelling	5	10
EE976	Power Systems Economics, Markets and Asset Management	5	20
EE977	Wind Energy & Distributed Energy Resources	5	20
EE818	Data Analytics and AI for Energy Systems	5	10
ME927	Energy Resources and Policy	5	10
ME978	Advanced Materials Processing and Manufacturing	5	10
CS978	Legal, Ethical and Professional Issues	5	10
CS982	Big Data Technologies	5	20
Z1987	Disruptive Technologies Lab	5	10
Z1960	Mindset Lab	5	10
Z1945	Internationalisation and Growth	5	10
Z1988	Leading and Managing Startups	5	10

Z1976	Social Entrepreneurship	5	10
Z1982	Entrepreneurial Finance	5	20

The selection of optional modules will be subject to students meeting the published module prerequisites and approval by the Programme Director.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
Z1947	Virtual Incubator Project	5	60
OR			
	Research Project*	5	60

*As appropriate to the student's pathway chosen from available modules in Design, Manufacturing & Engineering Management, Mechanical & Aerospace Engineering, Electronic & Electrical Engineering or Computer & Information Sciences and approved by the Programme Director

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the Virtual Incubator Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Entrepreneurship, Innovation and Technology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Virtual Incubator Project Z1947.
- Degree of MSc:** In order to qualify for the award of the degree of MSc in Emerging Technologies, Innovation and Entrepreneurship, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Virtual Incubator Project Z1947 or equivalent.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Entrepreneurship, Innovation and Technology, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Emerging Technologies, Innovation and Entrepreneurship, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Entrepreneurship, Innovation and Technology, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

HUNTER CENTRE FOR ENTREPRENEURSHIP, STRATEGY AND INNOVATION

INTERNATIONAL MANAGEMENT

Master of Science in International Management
Postgraduate Diploma in International Management
Postgraduate Certificate in International Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate - no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
MG961	Global Business Environment	5	20
MG962	Managing Across Cultures	5	20
MG967	International Entrepreneurship	5	10
MG934	Professional Management Practice	5	20
MG926	Managing People in Organisations	5	10
MG925	Marketing Management	5	10
MG929	Finance and Financial Management	5	10
MG931	Business Strategy	5	10
MG836	Consulting in Practice	5	10

Optional Modules

Students must take no fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
MG861	Project Management	5	10
MG955	Managing in Europe (Toulouse)	5	10
MS976 MB957	Service Operations & Simulation	5	10
MG956 MB959	Brand Management & Strategy	5	10
MG938 MB956	New Venture Creation	5	10
MG860	Big Data Fundamentals	5	10

Such other Level 5 modules as may be approved by the Programme Leader or nominee.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MG970 /MG866	Individual/Group Project	5	40/60

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
6. The final award will be based on performance in the coursework, in the written examinations and the Dissertation.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in International Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits which must include one of the compulsory projects.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Management, a candidate must have accumulated no fewer than 120 credits from the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Management, a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

HUNTER CENTRE FOR ENTREPRENEURSHIP, STRATEGY AND INNOVATION

PROJECT MANAGEMENT AND INNOVATION

Master of Science in Project Management and Innovation
Postgraduate Diploma in Project Management and Innovation
Postgraduate Certificate in Project Management and Innovation

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits from the curriculum
 - ii. for the Postgraduate Diploma no fewer than 120 credits from the curriculum
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation or project.

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1990	Professional Management Body of Knowledge	5	20
Z1966	Consulting in Practice	5	10
Z1967	Commercial Management in Projects	5	10
Z1951	Issues and Trends in Entrepreneurship, Innovation and Technology	5	10
Z1961	Strategic Innovation Management	5	10
Z1963	Business Operations	5	10
Z1965	Business Strategy	5	10

Z1972	Project Portfolio Management	5	10
Z1973	Project and Programme Management	5	10
Z1975	Technology and Organisational Change	5	10
Z1984	Global Innovation Lab	5	10

Students for the degree of MSc only:

Compulsory Module

Module Code	Module Title	Level	Credits
Z1989	Project Management and Innovation Project	5	60

Such other Level 5 modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of the MSc Project Management and Innovation, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation Z1989.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Project Management and Innovation, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Project Management and Innovation, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

BUSINESS ANALYSIS AND CONSULTING

Master of Science in Business Analysis and Consulting
Master of Science in Business Analysis and Consulting (Online)
Postgraduate Diploma in Business Analysis and Consulting
Postgraduate Certificate in Business Analysis and Consulting

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
3. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study

4. The programmes are available by full-time and part-time study and by distance learning.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules (on campus September start)

Module Code	Module Title	Level	Credits
MS921	Foundations of Operational Research and Business Analysis	5	10
MS922	Quantitative Business Analysis	5	10
MS923	Managing Business Operations	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10
MS925	Strategy Modelling and Management	5	10
MS930	Becoming an Effective Business Analyst	5	40

Compulsory Modules (on campus January start)

Module Code	Module Title	Level	Credits
MS823	Quantitative Business Analysis	5	10

MS822	Foundations of Operational Research and Business Analysis	5	10
MS827	Managing Business Operations	5	10
MS829	Spreadsheet Modelling and Demand Forecasting	5	10
MS828	Strategy Modelling and Management	5	10
MS833	Becoming an Effective Business Analyst	5	40

Compulsory Modules (online October start)

Module Code	Module Title	Level	Credits
MS800	Foundations of Operational Research and Business Analysis	5	10
MS801	Quantitative Business Analysis	5	10
MS802	Managing Business Operations	5	10
MS803	Spreadsheet Modelling and Demand Forecasting	5	10
MS804	Strategy Modelling and Management	5	10

Optional Modules (on campus September start)

And 30 credits chosen from:

Module Code	Module Title	Level	Credits
MS926	Business Simulation Methods	5	10
MS927	Risk Analysis and Management	5	10
MS928	Business Information Systems	5	10
MS929	Performance Measurement and Management	5	10
MS980	Business Analytics	5	10

Optional Modules (on campus January start)

And 30 credits chosen from:

Module Code	Module Title	Level	Credits
MS830	Business Simulation Methods	5	10
MS831	Risk Analysis and Management	5	10
MS834	Business Information Systems	5	10
MS832	Performance Measurement and Management	5	10

MS836	Business Analytics	5	10

Optional Modules (online October start)

And 30 credits chosen from:

Module Code	Module Title	Level	Credits
MS805	Business Simulation Methods	5	10
MS806	Risk Analysis and Management	5	10
MS807	Business Information Systems	5	10
MS808	Performance Measurement and Management	5	10

Or other modules approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

***For students undertaking the PG Diploma and MSc only (online learning)**

Module Code	Module Title	Level	Credits
MS809	Becoming an Effective Business Analyst*	5	40

Students for the degree of MSc (on campus September start) only:

Compulsory Module

Module Code	Module Title	Level	Credits
MS931	Dissertation	5	60

Students for the degree of MSc (on campus January start) only:

Compulsory Module

Module Code	Module Title	Level	Credits
MS835	Dissertation	5	60

Students for the degree of MSc (online October start) only:

Compulsory Module

Module Code	Module Title	Level	Credits
MS810	Dissertation	5	60

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

7. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Business Analysis and Consulting, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation MS931(Sept) or MS835 (Jan) on campus or MS810 (online).
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Analysis and Consulting, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Business Analysis and Consulting, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

DATA ANALYTICS

Master of Science in Data Analytics
Postgraduate Diploma in Data Analytics
Postgraduate Certificate in Data Analytics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time, part-time study and by distance learning.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits*
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS989	Big Data Fundamentals	5	10
MM964	Foundation of Statistics	5	10
MM916	Data Analytics in R	5	20
MS985	Business and Decision Modelling	5	10
MS987	Optimisation for Analytics	5	10

***Students undertaking the Postgraduate Certificate by distance will take the following compulsory modules:**

Module Code	Module Title	Level	Credits
CS818	Big Data Fundamentals	5	10
CS817	Big Data Tools and Techniques	5	10
MM952	Data Analytics in R	5	20

MS817	Business and Decision Modelling	5	10
MS818	Optimisation for Analytics	5	10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake:

Compulsory Modules

Module Code	Module Title	Level	Credits
MS984	Data Analytics in Practice	5	20

Optional Modules

No fewer than 40 credits from the list below:

Module Code	Module Title	Level	Credits
CS990	Database Fundamentals	5	10
CS983	Evolutionary Computation for Finance 1	5	10
CS984	Evolutionary Computation for Finance 2	5	10
CS986	Fundamentals of Machine Learning for Data Analytics	5	10
CS987	Advanced Machine Learning for Data Analytics	5	10
MM905	Financial Econometrics	5	10
MM915	Bayesian Spatial Statistics	5	10
MM960	Statistical Machine Learning	5	10
MM962	Data Dashboards with R Shiny	5	10
MS986	Stochastic Modelling for Analytics	5	10
MS926	Business Simulation Modelling	5	10
MS927	Risk Analysis & Management	5	10
MS928	Business Information Systems	5	10

Students for the MSc only:

Module Code	Module Title	Level	Credits
MS983	Dissertation in Data Analytics	5	60

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

6. The final award will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc) and, if required, in an oral examination.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Data Analytics, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Data Analytics, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Data Analytics, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

HEALTH ANALYSIS, POLICY & MANAGEMENT

Master of Science in Health Analysis, Policy & Management
Postgraduate Diploma Health Analysis, Policy & Management
Postgraduate Certificate in Health Analysis, Policy & Management

These regulations are to be read in conjunction with the [General Postgraduate Regulations](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.

Mode of Study

3. The programmes are available by full-time and part-time.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Degree of MSc no fewer than 180 credits including a dissertation

Compulsory Modules

Module Code	Module Title	Level	Credits
MS921	Foundations of Operational Research and Business Analysis	5	10
MS922	Quantitative Business Analysis	5	10
MS924	Spreadsheet Modelling and Demand Forecasting	5	10
MS821	Managing Healthcare Operations	5	10
MS999	Health Economics & Evaluation	5	10
MS964	Health systems Performance, Financing and Innovation	5	20
MS824	Becoming an Effective Health Analyst	5	20

Optional Modules

No fewer than 30 credits chosen from the full list below:

Module Code	Module Title	Level	Credits
MS926	Business Simulation Methods	5	10

MS927	Risk Analysis and Management	5	10
MS928	Business Information Systems	5	10
MS929	Performance Measurement and Management	5	10
MS980	Business Analytics	5	10
MS986	Stochastic Modelling for Analytics	5	10
CS822	Health data analytics and decision support	5	10
MM909	Medical Statistics	5	20
MM911	Effective Statistical Consulting	5	10
MM926	Survey Design & Analysis	5	10
EC970	Health Economic Policy	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MS820	Dissertation in Health Analysis, Policy and Management	5	60

Examination, Progress and Final Assessment

- The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.
- The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Health Analysis, Policy & Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded for the dissertation MS820
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Health Analysis, Policy & Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Health Analysis, Policy & Management a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

OPERATIONAL RESEARCH

Master of Science in Operational Research (online)

Postgraduate Diploma in Operational Research (online)

Postgraduate Certificate in Operational Research (online)

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
3. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study

4. The programme is available by distance learning only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
MS800	Foundations of Operational Research and Business Analysis	5	10
MS801	Quantitative Business Analysis	5	10
MS802	Managing Business Operations	5	10
MS803	Spreadsheet Modelling and Demand Forecasting	5	10
MS932	Operational Research Methods	5	10

Optional Modules

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
MS805	Business Simulation Methods	5	10

MS806	Risk Analysis and Management	5	10
MS807	Business Information Systems	5	10
MS934	Advanced Operations Research Modelling using Specialist Software Tools	5	10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake:

Module Code	Module Title	Level	Credits
MS935	Becoming an Effective 'OR' Modeller	5	40

And no fewer than 20 credits chosen from the list of optional modules above.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MS810	Dissertation	5	60

Examination, Progress and Final Assessment

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
7. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Operational Research, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation MS810.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Operational Research, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Operational Research, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

PROJECT MANAGEMENT

Master of Science in Project Management (International)
Postgraduate Diploma in Project Management (International)
Postgraduate Certificate in Project Management (International)

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 240 credits including a dissertation
 - ii. for the degree of PG Dip no fewer than 120 credits
 - iii. for the degree of PG Cert no fewer than 60 credits

Compulsory Modules

University of Strathclyde

Module Code	Module Title	Level	Credits
MG835	Project Portfolio Management	5	10
HR977	Leadership for Change and Innovation	5	10
Z1951	Issues and Trends in Entrepreneurship, Innovation and Technology	5	10
Z1967	Commercial Management	5	10
MS997	Strategic Procurement Management	5	10
MS989	Consulting in Practise	5	10

Politecnico di Milano

Module Code	Module Title	Level	Credits
BF807	Semester 1 Study in Politecnico di Milano	5	75

Optional Modules

University of Strathclyde

20 credits from the list of optional modules listed in the Regulations for the Master in Business Administration or SBS spring school.

Or other modules approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Compulsory Modules

University of Strathclyde

Module Code	Module Title	Level	Credits
BF986	Extended dissertation	5	85

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
6. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Project Management (International), a candidate must have accumulated no fewer than 240 credits, of which 80 must have been awarded at Strathclyde.
8. **Degree of PG Dip:** In order to qualify for the award of the degree of Postgraduate Diploma in Project Management (International), a candidate must have accumulated no fewer than 120 taught credits, of which 80 must have been awarded at Strathclyde.
9. **Degree of PG Cert:** In order to qualify for the award of the degree of Postgraduate Certificate in Project Management (International), a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme;

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MARKETING

DIGITAL MARKETING MANAGEMENT

Master of Science in Digital Marketing Management
Postgraduate Diploma in Digital Marketing Management
Postgraduate Certificate in Digital Marketing Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
 - ii. another qualification deemed by the Programme Leader, acting on behalf of Senate, to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate, no fewer than 60 credits,
 - ii. for the Postgraduate Diploma, no fewer than 120 credits,
 - iii. for the degree of MSc, no fewer than 180 credits including a final project.

Compulsory Modules (September start)

Module Code	Module Title	Level	Credits
MK814	eMarketing in Practice	5	20
MK815	Marketing Research in a Digital Age	5	20
MK816	Strategic Digital Marketing	5	20
MK817	Supply Chain Digitalisation	5	10
MK968	Key Skills	5	10

MK972	Consumer Behaviour	5	20
MK831	Social Responsibility and Sustainability	5	10
MK994	Integrated Marketing Communications	5	10
MK839	Brand Management & Strategy	5	20

Compulsory Modules (January start)

Module Code	Module Title	Level	Credits
MK836	eMarketing in Practice	5	20
MK834	Marketing Research in a Digital Age	5	20
MK837	Strategic Digital Marketing	5	20
MK833	Supply Chain Digitalisation	5	10
MK823	Key Skills	5	10
MK838	Social Responsibility and Sustainability	5	10
MK820	Consumer Behaviour	5	20
MK830	Integrated Marketing Communications	5	10
MK840	Brand Management & Strategy	5	20

Students for the degree of MSc only (September Start):

Module Code	Module Title	Level	Credits
MK813	Digital Transformative Project	5	40

Students for the degree of MSc only (January Start):

Module Code	Module Title	Level	Credits
MK835	Digital Transformative Project	5	40

Or other modules approved by the Programme Director.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, the research projects where undertaken

Award

8. **Degree of MSc:** In order to qualify for the degree of MSc in Digital Marketing Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 40 must have been awarded in respect of the Digital Transformative Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Digital Marketing Management, a candidate must have accumulated no fewer than 120 credits from the curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Digital Marketing Management, a candidate must have accumulated no fewer than 60 credits from the curriculum.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MARKETING

INTERNATIONAL MARKETING

Master of Science in International Marketing
Postgraduate Diploma in International Marketing
Postgraduate Certificate in International Marketing

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
 - ii. another qualification deemed by the Programme Leader, acting on behalf of Senate, to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate, no fewer than 60 credits
 - ii. for the Postgraduate Diploma, no fewer than 120 credits
 - iii. for the degree of MSc, no fewer than 180 credits including a final project comprising either a Dissertation or project.

Compulsory Modules

Module Code	Module Title	Level	Credits
MK808	Strategic Global Marketing	5	20
MK968	Key Skills	5	10
MK975	Cross-Cultural Buyer Behaviour	5	20
MK839	Brand Management and Strategy	5	20
MK815	Marketing Research in a Digital Age	5	20
MK831	Social Responsibility and Sustainability	5	10

Optional Modules

40 credits chosen from:

Not all optional modules will be available every year and may be replaced by other modules approved by the programme director.

Module Code	Module Title	Level	Credits
MK992	Export Marketing	5	10
MK809	Managing Tourism Resources	5	10
MK812	B2B Key Account Management	5	10
MK985	Contemporary Consumers	5	10
MK989	Customer-Led e-Marketing	5	10
MK990	Destination Marketing and Management	5	10
MK994	Integrated Marketing Communications	5	10
MK996	International Culture and Heritage Marketing	5	10
MK998	International Services Marketing	5	10
MK999	Retail Marketing Management	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
	Either		
MK967	Dissertation	5	40
	Or		
MK841	Marketing Works	5	40

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, the research projects where undertaken

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in International Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits of which 40 must have been awarded in respect of the Dissertation MK967 or Marketing Works MK841

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Marketing, a candidate must have accumulated no fewer than 120 credits from the curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Marketing, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MARKETING

MARKETING

Master of Science in Marketing
Postgraduate Diploma in Marketing
Postgraduate Certificate in Marketing

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
 - ii. another qualification deemed by the Programme Leader, acting on behalf of Senate, to be equivalent to i. above.
2. In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate, no fewer than 60 credits
 - ii. for the Postgraduate Diploma, no fewer than 120 credits
 - iii. for the degree of MSc, no fewer than 180 credits including a final project comprising either a Dissertation or Marketing Works project.

Compulsory Modules (September Start)

Module Code	Module Title	Level	Credits
MK970	Strategic Marketing Management	5	20
MK972	Consumer Behaviour	5	20
MK839	Brand Management and Strategy	5	20
MK968	Key Skills	5	10
MK831	Social Responsibility and Sustainability	5	10
MK815	Marketing Research in a Digital Age	5	20

Compulsory Modules (January Start)

Module Code	Module Title	Level	Credits
MK825	Strategic Marketing Management	5	20
MK834	Marketing Research in a Digital Age	5	20
MK820	Consumer Behaviour	5	20
MK840	Brand Management and Strategy	5	20
MK823	Key Skills	5	10
MK838	Social Responsibility and Sustainability	5	10
MK843	Artificial Intelligence in Marketing	5	10
MK829	Destination Marketing and Management	5	10
MK830	Integrated Marketing Communications	5	10
MK827	Retail Marketing Management	5	10

Optional Modules (September Start)

40 credits chosen from the following

Not all optional modules will be available every year and may be replaced by other modules approved by the programme director.

Module Code	Module Title	Level	Credits
MK809	Managing Tourism Resources	5	10
MK812	B2B Key Account Management	5	10
MK985	Contemporary Consumers	5	10
MK989	Customer-Led e-Marketing	5	10
MK990	Destination Marketing and Management	5	10
MK992	Export Marketing	5	10
MK994	Integrated Marketing Communications	5	10
MK996	International Culture and Heritage Marketing	5	10
MK998	International Services Marketing	5	10
MK999	Retail Marketing Management	5	10

Students for the degree of MSc only (September Start):

Module Code	Module Title	Level	Credits
Either			
MK967	Dissertation	5	40
Or			
MK841	Marketing Works	5	40

Students for the degree of MSc only (January Start):

Module Code	Module Title	Level	Credits
Either			
MK826	Dissertation	5	40
Or			
MK842	Marketing Works	5	40

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, the research projects where undertaken

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 40 must have been awarded for the Dissertation or Marketing Works project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Marketing, a candidate must have accumulated no fewer than 120 credits from the curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Marketing, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MARKETING

TOURISM MARKETING MANAGEMENT

Master of Science in Tourism Marketing Management
Postgraduate Diploma Tourism Marketing Management
Postgraduate Certificate Tourism Marketing Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
 - i. ; or
 - ii. a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate, no fewer than 60 credits
 - ii. for the Postgraduate Diploma, no fewer than 120 credits
 - iii. for the degree of MSc, no fewer than 180 credits including a final project comprising either a Dissertation or Marketing Works project.

Compulsory Modules

Module Code	Module Title	Level	Credits
MK809	Managing Tourism Resources	5	10
MK972	Consumer Behaviour	5	20
MK968	Key Skills	5	10
MK970	Strategic Marketing Management	5	20
MK815	Marketing Research in a Digital Age	5	20
MK839	Brand Management and strategy	5	20

MK831	Social Responsibility and Sustainability	5	10
MK990	Destination Marketing and Management	5	10
MK998	International Services Marketing	5	10

Optional Modules

10 credits chosen from the following

Not all optional modules will be available every year and may be replaced by other modules approved by the programme director.

Module Code	Module Title	Level	Credits
MK812	B2B Key Account Management	5	10
MK985	Contemporary Consumers	5	10
MK989	Customer-Led e-Marketing	5	10
MK992	Export Marketing	5	10
MK994	Integrated Marketing Communications	5	10
MK996	International Culture and Heritage Marketing	5	10
MK999	Retail Marketing Management	5	10

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
	Either		
MK967	Dissertation	5	40
	Or		
MK841	Marketing Works)	5	40

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, the research projects where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Tourism Marketing Management, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of

which 40 must have been awarded in respect of the Dissertation or Marketing Works project.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Tourism Marketing Management, a candidate must have accumulated no fewer than 120 credits from the curriculum.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Tourism Marketing Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION

HUMAN RESOURCE MANAGEMENT

Master of Science in Human Resource Management
Postgraduate Diploma in Human Resource Management
Postgraduate Certificate in Human Resource Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
2. Non-graduate applicants should normally have at least three years' relevant experience at an appropriate level in Personnel/Human Resources or Management.
3. Applicants who have previously graduated with a Postgraduate Diploma in Human Resource Management, from University of Strathclyde or an equivalent CIPD-approved qualification from another UK university, within the last five years, may be eligible for RPL or Credit Transfer, and should apply to enrol on the MSc in Human Resource Management (post Diploma). Applicants will follow the curriculum for the MSc in Human Resource Management (post Diploma) detailed within these programme regulations.

Duration of Study

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
5. Master of Science in Human Resource Management (post Diploma) – Minimum duration 12 months, maximum duration 24 months.

Mode of Study

6. The Master of Science in Human Resource Management is available by full-time and part-time study. The Postgraduate Diploma in Human Resource Management and the Master of Science in Human Resource Management (post Diploma) are available part-time only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation.

Full time MSc Human Resource Management

Compulsory modules

Module Code	Module Title	Level	Credits
HR911	Employee Reward	5	10

HR916	HRM in a Business Context	5	20
WE911	Business Skills	5	10
HR960	Leading, Managing and Developing People	5	20
HR961	Contemporary Employment Relations	5	20
HR962	Critical Issues in Human Resource Management	5	10
HR958	People Resourcing	5	10
HR963	Research Methods	5	10
HR953	Integrated dissertation and reflective research report	5	60

Part time MSc Human Resource Management

Compulsory modules

Module Code	Module Title	Level	Credits
HR911	Employee Reward	5	10
HR916	HRM in a Business Context	5	20
WE912	Business Skills	5	10
HR960	Leading, Managing and Developing People	5	20
HR961	Contemporary Employment Relations	5	20
HR962	Critical Issues in Human Resource Management	5	10
HR968	People Resourcing	5	10
HR975	Research Methods	5	10
HR953	Integrated dissertation and reflective research report	5	60

Part time Postgraduate Diploma

Compulsory modules

Module Code	Module Title	Level	Credits
HR911	Employee Reward	5	10
HR976	HRM in a Business Context	5	20

WE912	Business Skills	5	10
HR960	Leading, Managing and Developing People	5	20
HR961	Contemporary Employment Relations	5	20
HR968	People Resourcing	5	10
HR923	Management research report	5	20

Optional Modules

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
HR918	Labour and Diversity in a Global Context	5	10
HR955	Leadership in Organisations	5	10
HR956	Psychometrics in Organisations	5	10
HR964	Managing Human Resources in Multinationals	5	10

Or such other level 5 modules as may be approved by the Programme Leader. Not all optional modules will be available every academic year.

Students for the degree of MSc in Human Resource Management (post Diploma) only:

Module Code	Module Title	Level	Credits
HR945	Research Methods and Dissertation	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Human Resource Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation HR945 or HR953.
10. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Human Resource Management a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Human Resource Management a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION

INTERNATIONAL HUMAN RESOURCE MANAGEMENT

Master of Science in International Human Resource Management
Postgraduate Diploma in International Human Resource Management
Postgraduate Certificate in International Human Resource Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall normally possess:
 - i. a first or second class honours degree in any discipline from a United Kingdom University; or
 - ii. other qualifications deemed, by the programme Leader (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or
 - iii. be deemed, by the Programme Leader (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

Mode of Study

2. The programmes are available by full-time study.

Curriculum

3. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
HR916	HRM in a Business Context	5	20
HR918	Labour and Diversity in a Global Context	5	10
HR919	Comparative Employment Relations	5	20
WE911	Business Skills	5	10
HR960	Leading, Managing and Developing People	5	20
HR962	Critical Issues in Human Resource Management	5	10
HR963	Research Methods	5	10
HR964	Managing Human Resources in Multinationals	5	10

Optional Modules

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
HR955	Leadership in Organisations	5	10
HR958	People Resourcing	5	10
HR956	Psychometrics in Organisations	5	10

Or such other level 5 modules as may be approved by the Programme Leader. Not all optional modules will be available every academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
HR953	Integrated Dissertation and Reflective Research Report	5	60

Examination, Progress and Final Assessment

4. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
5. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

6. **Degree of MSc:** In order to qualify for the award of the degree of MSc in International Human Resource Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation HR953.
7. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in International Human Resource Management a candidate must have accumulated no fewer than 120 credits from the taught modules from the programme curriculum.
8. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in International Human Resource Management a candidate must have accumulated no fewer than 60 credits from the taught modules from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION

WORK AND ORGANISATIONAL PSYCHOLOGY

Master of Science in Work and Organisational Psychology

Master of Science in Occupational Psychology

Postgraduate Diploma in Work and Organisational Psychology

Postgraduate Diploma in Occupational Psychology

Postgraduate Certificate in Work and Organisational Psychology

Postgraduate Certificate in Occupational Psychology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. an upper second-class (2.1) undergraduate Honours degree or above.
 - ii. a lower second class (2.2) degree with demonstrable work experience, considered on an individual basis; or
 - iii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) or (ii) above.
2. Applicants for the MSc Occupational Psychology (BPS-accredited Professional Route, Stage 1) will also have Graduate Basis for Chartered (GBC) membership of the BPS and have obtained a Bachelor's degree or postgraduate degree from a BPS accredited programme.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

4. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

5. The programme is available by full-time study.

Place of Study

6. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
WE901	Assessment and Selection at Work	5	10

WE908	Work, Health and Wellbeing	5	10
WE902	Developing Talent	5	10
WE903	Leadership, Engagement and Motivation	5	10
WE904	Organisational Development and Change	5	10
WE905	People Analytics and Professional Practice (Consultancy)	5	10

MSc Occupational Psychology

Students on this route will take the following research methods modules:

Module Code	Module Title	Level	Credits
C8939	Quantitative Research Methods	5	20
C8985	Qualitative Research Methods	5	20

MSc Work and Organisational Psychology Students on this route will take the following modules:

Module Code	Module Title	Level	Credits
C8982	Research Design and Analyses in Psychology	5	20
WE906	People Analytics and Professional Practice (Foundations)	5	10

Students with recognised previous experience in quantitative research methods may, with the agreement of the Head of Department, substitute module C8939 Quantitative Research Methods for CS989 Big Data Fundamentals and either WE907 People, Technology & Work or WE906 People Analytics and Professional Practice (Foundations).

Optional Modules

No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
WE906	People Analytics and Professional Practice (Foundations)	5	10
WE907	People, Technology and Work	5	10
HR918	Labour and Diversity in a Global Context	5	10
HR962	Critical Issues in Human Resource Management	5	10
HR916	HRM in a Business Context	5	20
HR961	Contemporary Employment Relations	5	20
CS804	Healthy Ageing	5	10

CS822	Health and Care Data Analytics and Decision Support	5	10
CS979	Health and Care Data Analytics and Decision Support	5	20
CS981	Design of Usable Health Systems	5	20
CS989	Big Data Fundamentals	5	10
MS980	Business Analytics	5	20

Or other modules approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
WE909	Dissertation	5	60

Examination, Progress and Final Assessment

8. See General Academic Regulations - Postgraduate Taught Degree Programme Level.
9. In order to progress to the degree of MSc Work and Organisational Psychology and MSc in Occupational Psychology (both routes), a student must have successfully accumulated at least 120 credits from the taught modules of the programme curriculum.

Award

10. **Degree of MSc in Work and Organisational Psychology:** In order to qualify for the award of MSc in Work and Organisational Psychology a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.
11. **Degree of MSc in Occupational Psychology:** In order to qualify for the award of the degree of MSc in Occupational Psychology and 40 credits awarded in respect to C8939 Quantitative Research Methods and C8985 Qualitative Research Methods.
12. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Work and Organisational Psychology a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
13. **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Occupational Psychology a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme, including 40 credits awarded in respect to C8939 Quantitative Research Methods and C8985 Qualitative Research Methods.
14. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Work and Organisational Psychology a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.
15. **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Occupational Psychology a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme, including 40 credits awarded in respect to C8939 Quantitative Research Methods and C8985 Qualitative Research Methods.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

ADVANCED COMPUTER SCIENCE

Master of Science in Advanced Computer Science

Master of Science in Advanced Computer Science with Software Engineering

Master of Science in Advanced Computer Science with Artificial Intelligence

Master of Science in Advanced Computer Science with Data Science

Master of Science in Advanced Computer Science with Cyber Security

Postgraduate Diploma in Advanced Computer Science

Postgraduate Diploma in Advanced Computer Science with Software Engineering

Postgraduate Diploma in Advanced Computer Science with Data Science

Postgraduate Diploma in Advanced Computer Science with Artificial Intelligence

Postgraduate Diploma in Advanced Computer Science with Cyber Security

Postgraduate Certificate in Advanced Computer Science

Postgraduate Certificate in Advanced Computer Science with Software Engineering

Postgraduate Certificate in Computer Science with Data Science

Postgraduate Certificate in Advanced Computer Science with Artificial Intelligence

Postgraduate Certificate in Advanced Computer Science with Cyber Security

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university (in Computer Science or a closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS957	Research Methods	5	10

CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS958	Project	5	60

Advanced Computer Science

Optional Modules

No fewer than 100 credits of which no more than 20 may be at level 4 chosen from the available modules listed in this Regulation, or any other module as approved by the programme director.

Advanced Computer Science with Software Engineering

A total of 100 credits from the following list:

Module Code	Module Title	Level	Credits
SU902	Concepts & theories of Sustainable development	5	10
CS547	Advanced Topics in Software Engineering	5	20
CS548	Designing Usable Systems	5	20
CS549	Distributed Information Systems	5	20
CS551	Mobile Software Applications	5	20
CS982	Big Data Technologies	5	20
CS888	Advanced Information Retrieval	5	20
CS409	Software Architecture and Design	4	20

Or any other module as approved by the programme director.

Advanced Computer Science with Data Science

A total of 100 credits from the following list:

Module Code	Module Title	Level	Credits
SU902	Concepts & theories of Sustainable development	5	10
CS549	Distributed Information Systems	5	20
CS826	Deep Learning Theory and Practice	5	20
CS985	Machine Learning for Data Analytics	5	20
Together with 40 credits chosen from the following:			
CS547	Advanced Topics in Software Engineering	5	20

CS551	Mobile Software Applications	5	20
CS971	Evolutionary Computation for Finance	5	20
CS888	Advanced Information Retrieval	5	20
CS975	Business Analysis	5	10
CS988	Big Data Tools and Techniques	5	10

Or any other module as approved by the programme director.

Advanced Computer Science with Artificial Intelligence

A total of 100 credits from the following list:

Module Code	Module Title	Level	Credits
CS823	Reasoning for Intelligent Agents	5	20
CS824	Quantitative Methods for Artificial Intelligence	5	10
CS825	Game Theory and Multi-agent Systems	5	10
CS826	Deep Learning Theory and Practices	5	20
CS827	Deep Learning in Visual Computing Applications	5	10
Together with 30 credits chosen from the following:			
CS549	Distributed Information Systems	5	20
SU902	Concepts & theories of Sustainable development	5	10
CS551	Mobile Software Applications	5	20
CS815	AI Finance	5	20
CS986	Fundamentals of Machine Learning for Data Analytics	5	10
CS888	Advanced Information Retrieval	5	20
CS975	Business Analysis	5	10
CS983	Evolutionary Computation for Finance 1 (not with CS815)	5	10
CS988	Big Data Tools and Techniques	5	10

Or any other module as approved by the programme director.

Advanced Computer Science with Cyber Security

Compulsory Modules (September start)

In addition to the compulsory modules for all MSc Advanced Computer Science outlined at the start of this regulation, the following modules are compulsory:

Module Code	Module Title	Level	Credits
CS880	Information Security Fundamentals	5	10
CS881	Advanced Human Centred Security	5	20

A total of 70 credits from the following list:

Module Code	Module Title	Level	Credits
CS547	Advanced Topics in Software Engineering	4	20
CS548	Designing Usable Systems	5	20
CS549	Distributed Information Systems	5	20
CS551	Mobile Software & Applications	5	20
SU902	Concepts & theories of Sustainable Development	5	10
With a minimum of 40 credits chosen from the following:			
CS825	Game Theory and Multi-Agent Systems	5	10
CS882	Security Protocols and Threat Models	5	20
CS885	Vulnerability Assessment & Security Testing	5	20
CS886	Advanced Security by Design	5	20
CS887	Research Topics in Cyber Security	5	10

Or any other module as approved by the programme director.

Compulsory Modules (January start)

In addition to the compulsory modules for all MSc Advanced Computer Science outlined at the start of this regulation, the following modules are compulsory:

Module Code	Module Title	Level	Credits
CS426	Human Centred Security	5	20
CS882	Security Protocols and Threat Models	5	20

A total of 60 credits from the following list:

Module Code	Module Title	Level	Credits
CS547	Advanced Topics in Software Engineering	4	20
CS548	Designing Usable Systems	5	20
CS549	Distributed Information Systems	5	20

CS551	Mobile Software & Applications	5	20
SU902	Concepts & theories of Sustainable Development	5	10
With a minimum of 30 credits chosen from the following:			
CS825	Game Theory and Multi-Agent Systems	5	10
CS885	Vulnerability Assessment & Security Testing	5	20
CS886	Advanced Security by Design	5	20
CS887	Research Topics in Cyber Security	5	10

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of MSc in the chosen programme, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS958.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen programme, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen programme, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

ARTIFICIAL INTELLIGENCE

Master of Science in Artificial Intelligence and Applications
Postgraduate Diploma in Artificial Intelligence and Applications
Postgraduate Certificate in Artificial Intelligence and Applications

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree in Computer Science or closely related discipline from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS982	Big Data Technologies	5	20
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS801	Quantitative Methods for AI	5	10
CS802	Deep Learning and Neural Networks	5	20
CS814	AI for Autonomous Systems	5	20
CS985	Machine Learning for Data Analytics	5	20

CS815	AI for Finance	5	20
CS958	Project*	5	60
Other Level 5 modules as may be approved by the Programme Director			

*For the degree of MSc only

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of MSc in Artificial Intelligence and Applications, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS958.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Artificial Intelligence and Applications, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Artificial Intelligence and Applications, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

CYBER SECURITY

Master of Science in Cyber Security
Postgraduate Diploma in Cyber Security
Postgraduate Certificate in Cyber Security

This is a Graduate Apprenticeship programme.

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a project.

Module Code	Module Title	Level	Credits
CS812	Information Security Fundamentals	5	15
CS813	Advanced Information Security	5	15
CS805	Advanced Topics in Information Security	5	15
CS809	Digital Forensics and Incidence Response	5	15
CS807	Vulnerability Assessment and Security Testing	5	15
CS810	Compliance and Operational Security Management	5	15
CS806	Work-Based Learning in Information Security	5	30

CS811	Information Security Research Project and Dissertation*	5	60
Such other Level 5 modules as may be approved by the Programme Director			

*For the degree of MSc only

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of MSc in Cyber Security, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS811.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Cyber Security, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Cyber Security, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

CYBER SECURITY

Master of Science in Cyber Security
Postgraduate Diploma in Cyber Security
Postgraduate Certificate in Cyber Security

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university (in Computer Science or a closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including CS958 Project.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS957	Research Methods	5	10
CS880	Information Security Fundamentals	5	10
CS881	Advanced Human Centred Security	5	20
CS882	Security Protocols and Threat Models	5	20

CS885	Vulnerability Assessment and Security Testing	5	20
CS886	Advanced Security by Design	5	20
CS887	Research Topics in Cyber Security	5	10
CS958	Project	5	60

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

Award

8. **Degree of MSc:** To qualify for the award of MSc in the chosen programme, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the CS958 Project.
9. **Postgraduate Diploma:** To qualify for the award of the Postgraduate Diploma in the chosen programme, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** To qualify for the award of the Postgraduate Certificate in the chosen programme, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

DIGITAL HEALTH SYSTEMS IMU

Master of Science in Digital Health Systems IMU

Postgraduate Diploma in Digital Health Systems IMU

Postgraduate Certificate in Digital Health Systems IMU

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

With reference to table 1 in the PGT General Regulations, we suggest that for the first year of the programme, 60 credits part time (equivalent to a PGCert), the maximum would be 24 months. The second year, which is full time, is 120 credits, (equivalent to a PGDip), for which the maximum full-time duration is 21 months. Combined this gives a maximum duration of 45 months.

Mode of Study

3. Year 1 of the programme is part time by distance (60 credits). Year 2 of the programme is full time (120 credits).

Place of Study

4. Students will study year 1 at International Medical University (IMU). Year 2 will be taught at University of Strathclyde.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

First year

Compulsory Modules

Module Code	Module Title	Level	Credits
EX965	External study	5	20
CS9xx*	Project	5	40

*For the degree of MSc only

Second year

Compulsory Modules

Module Code	Module Title	Level	Credits
CS800	Health Information Governance	5	10
CS957	Research Methods	5	10
CS990	Database Fundamentals	5	10
CS804	Healthy Ageing	5	10
CS981	Design of Usable Health Systems	5	20
CS980	Digital Health Implementation	5	20
CS979	Decision Support and Health Analytics	5	20

Optional Modules

A total of 20 credits from the following list:

Module Code	Module Title	Level	Credits
CS989	Big Data Fundamentals	5	10
MS821	Managing Healthcare Operations	5	10
MS999	Health Economics and Evaluation	5	10

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. Students must pass CS9XX (Project) in year 1 in order to progress to year 2.
8. The final award will be based on performance in the examinations, coursework and the project CSxxx where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Digital Health Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the project CSxxx.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Digital Health Systems, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Digital Health Systems, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

DIGITAL HEALTH SYSTEMS

Master of Science in Digital Health Systems
Postgraduate Diploma in Digital Health Systems
Postgraduate Certificate in Digital Health Systems

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS800	Health Information Governance	5	10
CS957	Research Methods	5	10
CS990	Database Fundamentals	5	10
CS804	Healthy Ageing	5	10
CS981	Design of Usable Health Systems	5	20
CS980	Digital Health Implementation	5	20
CS979	Decision Support and Health Analytics	5	20
CS958	Project*	5	60

*For the degree of MSc only

Optional Modules

A total of 20 credits from the following list:

Module Code	Module Title	Level	Credits
CS989	Big Data Fundamentals	5	10
MS821	Managing Healthcare Operations	5	10
MS999	Health Economics and Evaluation	5	10

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. The final award will be based on performance in the examinations, coursework and the project CS958 where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Digital Health Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project CS958.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Digital Health Systems, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Digital Health Systems, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

INFORMATION AND LIBRARY STUDIES

Master of Science in Information and Library Studies
Postgraduate Diploma in Information and Library Studies
Postgraduate Certificate in Information and Library Studies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Module Code	Module Title	Level	Credits
CS954	Information Retrieval and Access	5	20
CS955	Information Law	5	10
CS957	Research Methods	5	10
CS959	Library Technology and Systems	5	20
CS997	Human Information Behaviour	5	10
CS803	Information Analysis	5	10
CS961	Organisation of Knowledge	5	20
CS962	Libraries, Information and Society	5	20
CS958	Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

6. The final award will be based on performance in the examinations, coursework, and the project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Information and Library Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project CS 958.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Information and Library Studies, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Information and Library Studies, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

INFORMATION MANAGEMENT

Master of Science in Information Management
Postgraduate Diploma in Information Management
Postgraduate Certificate in Information Management

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Mode of Study

3. The programmes are available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
CS808	Computer Security Fundamentals	5	10
CS952	Database and Web Systems Development	5	20
CS888	Advanced Information Retrieval	5	20
CS955	Information Law	5	10
CS985	Machine Learning for Data Analytics	5	20
CS957	Research Methods	5	10
CS975	Business Analysis	5	10
CS982	Big Data Technologies	5	20
CS958	Project**	5	60

** For the degree of MSc only

Examination, Progress and Final Assessment

5. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
6. The final award will be based on performance in the examinations, coursework, the industrial placement and the dissertation where undertaken.

Award

7. Degree of MSc Information Management: In order to qualify for the award of the degree of MSc in Information Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project CS958.
8. Postgraduate Diploma in Information Management: In order to qualify for the award of the Postgraduate Diploma in Information Management, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Information Management, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

SOFTWARE DEVELOPMENT

Master of Science in Software Development
Postgraduate Diploma in Software Development
Postgraduate Certificate in Software Development

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
CS995	Introduction to Programming Principles	5	20
CS994	Object Orientated Programming	5	20
CS990	Database Fundamentals	5	10
CS992	Database Development	5	10
CS991	Mobile Application Development	5	20
CS993	Software Engineering	5	20

CS808	Computer Security Fundamentals	5	10
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS958	Project*	5	60
Such other Level 5 modules as may be approved by the Programme Director			

*Students for the degree of MSc only

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project, where undertaken.

Award

8. Degree of MSc: In order to qualify for the award of MSc in Software Development, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS958.
9. Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Software Development, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Software Development, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

FACULTY PROGRAMMES

ADVANCED SCIENCE

Master of Science in Advanced Science
Postgraduate Diploma in Advanced Science
Postgraduate Certificate in Advanced Science

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

3. As permitted by the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) this programme makes use of distance learning and on campus delivery.

Place of Study

4. The programme is available on a part-time and distance learning basis only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a dissertation.
6. Students will have the option of choosing to a specialist subject e.g. Biomedical Sciences, Chemical Sciences, Computer Science, Information Science, Mathematics, Pharmaceutical Science, Physics, and Statistics by selecting 50% of their modules from the subject.

Compulsory Modules

Module Code	Module Title	Level	Credits
SF932	Professional Development: Review, Reflection and Planning	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
SF931	Project	5	60

Optional Modules

No fewer than 100 credits chosen from the Level 5 modules offered by the Faculty of Science.

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University for one or more of the modules offered by the Faculty of Science.

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
8. The final award will be based on performance in the examinations and coursework together with the project where undertaken.

Award

9. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Science, a candidate must accumulated no fewer than 180 credits, of which a minimum of 60 must have been awarded in respect of the project.
10. **Degree of MSc with specialisation:** In order to qualify for the award of the degree of MSc in Advanced Science with specialisation in a subject, a candidate must accumulated no fewer than 180 credits, of which 120 must have been awarded in modules from that subject, including the project.
11. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Science, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
12. **Postgraduate Diploma with specialisation:** In order to qualify for the award of the Postgraduate Diploma in Advanced Science with specialisation in a subject, a candidate must accumulated no fewer than 120 credits, of which 60 must have been awarded in modules from that subject.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Science, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

ACTUARIAL SCIENCE

Master of Science in Actuarial Science
Postgraduate Diploma in Actuarial Science
Postgraduate Certificate in Actuarial Science

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
MM914	Foundations of Probability and Statistics	5	20
MM951	Inference and Regression Modelling	5	20
EC948	Fundamentals of Macroeconomics	5	10
EC953	Fundamentals of Microeconomics	5	10
MM908	Research Project*	5	40

*For the degree of MSc only

Optional Modules

No fewer than 60 credits

Module Code	Module Title	Level	Credits
AG916	Behavioural Finance	5	10
AG924	Portfolio Theory and Management	5	10

AG919	Risk Management for Banks	5	10
AG937	Fixed Income Analysis	5	10
AG938	Equity Analysis	5	10
MM905	Financial Econometrics	5	10
MM904	Financial Stochastic Processes	5	10
MM913	Quantitative Risk Analysis	5	10
MM915	Spatial Statistics	5	10
MM960	Statistical Machine Learning	5	10
CS983	Evolutionary Computation for Finance 1	5	10
CS984	Evolutionary Computation for Finance 2	5	10
CS986	Fundamentals of Machine Learning for Data Analytics	5	10
CS987	Advanced Machine Learning for Data Analytics	5	10
MS927	Risk Analysis and Management	5	10
EC947	Topics in Public Economics	5	10
EC949	International Macroeconomics	5	10

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University for one or more of the optional modules listed above.

Examination, Progress and Final Assessment

- See [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the research project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of the MSc in Actuarial Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the project MM908.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Actuarial Science, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Actuarial Science, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

ADVANCED COMPUTATIONAL MATHEMATICS

Master of Science in Advanced Computational Mathematics
Postgraduate Diploma in Advanced Computational Mathematics
Postgraduate Certificate in Advanced Computational Mathematics

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree) from a United Kingdom university (in mathematics or a closely related subject); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above, or
 - iii. have demonstrate competence in mathematics obtained at a level of performance acceptable to the Programme Leader.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Masters by full-time study 36 months
 - ii. PG Diploma by full-time study 24 months
 - iii. PG Certificate by full-time study 12 months

Mode of study

4. The programme is available by full-time study.

Place of study

5. On-campus or “face to face learning in an approved physical location” is the default Mode of Delivery.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc only, no fewer than 180 credits including a 60-credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
MM506	Finite Element Methods for Boundary Value Problems and Approximation	5	20

MM571	Numerical and Deep Learning Methods for Partial Differential Equations	5	20
MM521	Mathematics of Machine Learning	5	20
MM966	Research Project	5	60

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
MM502	Modelling and Simulation with Applications to Financial Derivatives	5	20
MM503	Applicable Analysis 3	5	20
MM505	Fluids and Waves	5	20
MM509	Mathematical Introduction to Networks	5	20
MM967	Optimisation: Theory	5	10
MS987	Optimisation for analytics	5	10
CS989	Big Data Fundamentals	5	10
CS988	Big Data Tools and Techniques	5	10
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
MM909	Medical Statistics	5	20
MM913	Quantitative Risk Analysis	5	10
MM915	Bayesian Spatial Statistics	5	10
MM916	Data Analytics in R	5	20
MM960	Statistical Machine Learning	5	10
MM962	Data dashboards with RShiny	5	10
MM964	Foundations of Statistics	5	10
MM969	Deep Learning	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
8. The final award will be based on the student's performance in their assessments.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Advanced Computational Mathematics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Computational Mathematics, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Computational Mathematics, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

ADVANCED DATA SCIENCE

Master of Science in Advanced Data Science
Postgraduate Diploma in Advanced Data Science
Postgraduate Certificate in Advanced Data Science

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree with mathematical and/or statistical content from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Masters by full-time study 36 months
 - ii. PG Diploma by full-time study 24 months
 - iii. PG Certificate by full-time study 12 months

Mode of study

4. The programme is available by full-time study.

Place of study

5. On-campus or “face to face learning in an approved physical location” is the default Mode of Delivery.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
MM916	Data Analytics in R	5	20
CS989	Big Data Fundamentals	5	10

CS988	Big Data Tools and Techniques	5	10
MM954	Multivariate Analysis	5	10
MM521	Mathematics of Machine Learning	5	20
MM962	Data dashboards with RShiny	5	10
MM960	Statistical Machine Learning	5	10
MM9XX	Deep Learning	5	10

Optional Modules

Students should select 20 credits chosen from:

Module Code	Module Title	Level	Credits
MM509	Mathematical Introduction to Networks	5	20
MM909	Medical Statistics	5	20
MM911	Effective Statistical Consultancy	5	10
MM912	Survey Design and Analysis	5	10
MM915	Spatial Statistics	5	10
MM913	Quantitative Risk Analysis	5	10
CS825	Game Theory and Multiagent Systems	5	10
CS815	AI for Finance	5	20
CS990	Database Fundamentals	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MM550	Research Project	5	60

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Advanced Data Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have

accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project MM550.

10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Data Science, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Data Science, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

ADVANCED MATHEMATICAL MODELLING

Master of Science in Advanced Mathematical Modelling
Postgraduate Diploma in Advanced Mathematical Modelling
Postgraduate Certificate in Advanced Mathematical Modelling

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in Mathematics or a closely related subject); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study

3. The programmes are available by full-time study only.

Place of study

4. On-campus or “face to face learning in an approved physical location” is the default Mode of Delivery.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including MM966 Research Project.
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the Postgraduate Certificate no fewer than 60 credits

Module Code	Module Title	Level	Credits
MM502	Modelling and Simulation with Applications to Financial Derivatives	5	20
MM503	Applicable Analysis 3	5	20
MM505	Fluids and Waves	5	20
MM506	Finite Element Methods for Boundary Value Problems and Approximation	5	20
MM554	Applied Mathematics Methods 1	5	20
MM508	Mathematical Biology and Marine Population Modelling	5	20
MM509	Mathematical Introduction to Networks	5	20

MM571	Numerical and Deep Learning Methods for Partial Differential Equations	5	20
MM521	Mathematics of Machine Learning	5	20
MM967	Optimisation: Theory	5	10
MS987	Optimisation for Analytics	5	10
MM909	Medical Statistics	5	20
MM911	Effective Statistical Consultancy	5	10
MM912	Survey Design and Analysis	5	10
MM913	Quantitative Risk Analysis	5	10
MM915	Spatial Statistics	5	10
MM960	Statistical Machine Learning	5	10
MM962	Data Dashboard with RShiny	5	10
MM964	Foundations of Statistics	5	10
MM969	Deep Learning	5	10
MM966	Research Project*	5	60

*For the degree of MSc only

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University up to a maximum of 40 credits.

Not all modules on this list will be available in each academic year. Please check your programme handbook for confirmation of this modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in examinations, coursework and the Project where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Mathematical Modelling, a candidate must have accumulated no fewer than 180 credits from the programme curriculum, of which 60 must have been awarded in respect of the Research Project MM966.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Mathematical Modelling, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Mathematical Modelling a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

APPLIED STATISTICS

Master of Science in Applied Statistics
Master of Science in Applied Statistics (Online)
Master of Science in Applied Statistics in Health Sciences
Master of Science in Applied Statistics in Health Sciences (Online)
Master of Science in Applied Statistics with Data Science
Master of Science in Applied Statistics with Data Science (Online)
Master of Science in Applied Statistics in Finance
Master of Science in Applied Statistics in Finance (Online)
Postgraduate Diploma in Applied Statistics
Postgraduate Diploma in Applied Statistics (Online)
Postgraduate Diploma in Applied Statistics in Health Sciences
Postgraduate Diploma in Applied Statistics in Health Sciences (Online)
Postgraduate Diploma in Applied Statistics with Data Science
Postgraduate Diploma in Applied Statistics with Data Science (Online)
Postgraduate Diploma in Applied Statistics in Finance
Postgraduate Diploma in Applied Statistics in Finance (Online)
Postgraduate Certificate in Applied Statistics
Postgraduate Certificate in Applied Statistics (Online)
Postgraduate Certificate in Applied Statistics in Health Sciences
Postgraduate Certificate in Applied Statistics in Health Sciences (Online)
Postgraduate Certificate in Applied Statistics with Data Science
Postgraduate Certificate in Applied Statistics with Data Science (Online)
Postgraduate Certificate in Applied Statistics in Finance
Postgraduate Certificate in Applied Statistics in Finance (Online)
Master of Science in Medical Statistics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The General Academic Regulations - Postgraduate Taught Degree Programme Level shall apply subject to the following requirements. Applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

3. The programmes are available by full-time (on-campus versions only) or part-time study (online versions and MSc Medical Statistics).

Curriculum

4. All students shall undertake an approved curriculum as follows:
- i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a research project

Compulsory Modules for on-campus MSc Applied Statistics

All of the compulsory modules listed below plus 10 credits from list A

Module Code	Module Title	Level	Credits
MM914	Foundations of Probability and Statistics	5	20
MM916	Data Analytics in R	5	20
MM953	Experimental Design	5	10
MM954	Multivariate Analysis	5	10
MM550	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM550 which cannot be substituted).

List A

Module Code	Module Title	Level	Credits
MM913	Quantitative Risk Analysis	5	10
MM915	Spatial Statistics	5	10

Optional Modules for on-campus MSc Applied Statistics

No fewer than 50 credits excluding those previously chosen from List A

Module Code	Module Title	Level	Credits
MM904	Financial Stochastic Process ¹	5	10
MM905	Financial Econometrics ¹	5	10
MM909	Medical Statistics ²	5	10
MM911	Effective Statistical Consultancy	5	10
MM912	Survey Design and Analysis	5	10
MM913	Quantitative Risk Analysis	5	10

MM915	Spatial Statistics	5	10
MM962	Data Dashboards with RShiny ³	5	10
MM960	Statistical Machine Learning	5	10
CS988	Big Data Tools and Techniques ³	5	10
CS989	Big Data Fundamentals ³	5	10
CS830	Machine Learning for Data Analytics	5	20

¹Compulsory module for Applied Statistics in Finance. ²Compulsory module for Applied Statistics in Health Sciences. ³Compulsory module for Applied Statistics with Data Science.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics (September Start, 3 year)

All of the compulsory modules listed below plus 10 credits from List B

Module Code	Module Title	Level	Credits
MM922	Foundations of Probability and Statistics	5	20
MM923	Data Analytics in R	5	20
MM924	Statistical Modelling and Analysis	5	20
MM930	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

List B

Module Code	Module Title	Level	Credits
MM925	Quantitative Risk Analysis	5	10
MM928	Spatial Statistics	5	10

Optional Modules for online MSc Applied Statistics (September Start, 3 year)

No fewer than 50 credits excluding those previously chosen from List B

Module Code	Module Title	Level	Credits
MM956	Financial Stochastic Process (online) ¹	5	10
MM955	Financial Econometrics (online) ¹	5	10
MM927	Medical Statistics ²	5	10
MM929	Effective Statistical Consultancy	5	10
MM926	Survey Design and Analysis	5	10
MM925	Quantitative Risk Analysis	5	10
MM928	Spatial Statistics	5	10
MM961	Data Dashboards with RShiny ³	5	10
CS817	Big Data Tools and Techniques ³	5	10
CS818	Big Data Fundamentals ³	5	10
CS830	Machine Learning for Data Analytics	5	20
MM965	Statistical Machine Learning	5	10

¹Compulsory module for Applied Statistics in Finance. ²Compulsory module for Applied Statistics in Health Sciences. ³Compulsory module for Applied Statistics with Data Science.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics (September Start, 2 year)

All of the compulsory modules listed below plus 10 credits from List B

Module Code	Module Title	Level	Credits
MM922	Foundations of Probability and Statistics	5	20
MM923	Data Analytics in R	5	20
MM924	Statistical Modelling and Analysis	5	20
MM931	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM931 which cannot be substituted).

Optional Modules for online MSc Applied Statistics (September Start, 2 year)

Students for the September start 2 year version of the programme take no fewer than 50 credits from the optional modules listed above for the online MSc Applied Statistics (September Start, 3 year) excluding those previously chosen from List B.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics (January Start, 3 year)

All of the compulsory modules listed below plus 10 credits from List B

Module Code	Module Title	Level	Credits
MM959	Foundations of Probability and Statistics	5	20
MM957	Data Analytics in R	5	20
MM958	Statistical Modelling and Analysis	5	20
MM933	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM933 which cannot be substituted).

Optional Modules for online MSc Applied Statistics (January Start, 3 year)

Students for the January start 3 year version of the programme take no fewer than 50 credits from the optional modules listed above for the online MSc Applied Statistics (September Start, 3 year) excluding those previously chosen from List B.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics (September Start, 2 year)

All of the compulsory modules listed below plus 10 credits from List B

Module Code	Module Title	Level	Credits
MM922	Foundations of Probability and Statistics	5	20
MM923	Data Analytics in R	5	20
MM924	Statistical Modelling and Analysis	5	20
MM931	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be

substituted subject to approval by the Programme Director (with the exception of MM931 which cannot be substituted).

Optional Modules for online MSc Applied Statistics (September Start, 2 year)

Students for the September start 2 year version of the programme take no fewer than 50 credits from the optional modules listed above for the online MSc Applied Statistics (September Start, 3 year) excluding those previously chosen from List B.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics (January Start, 2 year)

All of the compulsory modules listed below plus 10 credits from List B

Module Code	Module Title	Level	Credits
MM959	Foundations of Probability and Statistics	5	20
MM957	Data Analytics in R	5	20
MM958	Statistical Modelling and Analysis	5	20
MM932	MSc Project	5	60

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM932 which cannot be substituted).

Optional Modules for online MSc Applied Statistics (January Start, 2 year)

Students for the January start 2 year version of the programme take no fewer than 50 credits from the optional modules listed above for the online MSc Applied Statistics (September Start, 3 year) excluding those previously chosen from List B

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for on-campus MSc Applied Statistics with Data Science

Students for the 'with Data Science' version of the programme take the on-campus compulsory modules listed above for on-campus MSc Applied Statistics plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
CS988	Big Data Tools and Techniques	5	10
CS989	Big Data Fundamentals	5	10

MM962	Data Dashboards with RShiny	5	10

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

Optional Modules for on-campus MSc Applied Statistics with Data Science

Students for the 'with Data Science' version of the programme should choose no fewer than 20 credits from the optional modules listed for the on-campus MSc Applied Statistics with the exclusion of those chosen from List A and MM962, which is compulsory.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University for one or more of the modules listed above up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics with Data Science (September and January starts, 2 and 3 year programmes)

Students for the 'with Data Science' version of the programme take the online compulsory modules listed above for online MSc Applied Statistics (September start or January start as appropriate, 2 or 3 year as appropriate) plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
CS817	Big Data Tools and Techniques	5	10
CS818	Big Data Fundamentals	5	10
MM961	Data Dashboard with RShiny (online)	5	10

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

Optional Modules for online MSc Applied Statistics with Data Science (September and January starts, 2 and 3 year programmes)

Students for the 'with Data Science' version of the programme should choose no fewer than 20 credits from the optional modules listed for the online MSc Applied Statistics with the exclusion of those chosen from List B and MM961, which is compulsory.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University for one or more of the modules listed above up to a maximum of 40 credits.

Compulsory Modules for on-campus MSc Applied Statistics in Finance

Students for the 'in Finance' version of the programme take the on-campus compulsory modules listed above for on-campus MSc Applied Statistics plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
MM904	Financial Stochastic Processes	5	10
MM905	Financial Econometrics	5	10

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

Optional Modules for on-campus MSc Applied Statistics in Finance

Students for the 'in Finance' version of the programme should choose no fewer than 30 credits from the optional modules listed for the on-campus MSc Applied Statistics with the exclusion of those chosen from List A and MM904 and MM905, which are compulsory.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University for one or more of the modules listed above up to a maximum of 40 credit.

Compulsory Modules for online MSc Applied Statistics in Finance (September and January starts 2 and 3 year programmes)

Students for the 'in Finance' version of the programme take the online compulsory modules listed above for the online MSc Applied Statistics (September or January start as appropriate, 2 or 3 year as appropriate) plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
MM956	Financial Stochastic Processes (online)	5	10
MM955	Financial Econometrics (online)	5	10

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

Optional Modules for online MSc Applied Statistics in Finance (September and January starts 2 and 3 year programmes)

Students for the 'in Finance' version of the programme should choose no fewer than 30 credits from the optional modules listed above for the online MSc Applied Statistics with the exclusion of those chosen from List B and MM955 and MM956 which are compulsory.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University for one or more of the modules listed above up to a maximum of 40 credits.

Compulsory Modules for on-campus MSc Applied Statistics in Health Sciences

Students for the 'in Health Sciences' version of the programme take the on-campus compulsory modules listed above for on-campus MSc Applied Statistics plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
MM909	Medical Statistics	5	20

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM550 which cannot be substituted).

Optional Modules for on-campus MSc Applied Statistics in Health Sciences

Students for the 'in Health Sciences' version of the programme should choose no fewer than 30 credits from the optional modules listed above for the on-campus MSc Applied Statistics with the exclusion of those chosen from List A.

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University up to a maximum of 40 credits.

Compulsory Modules for online MSc Applied Statistics in Health Sciences (September and January starts 2 and 3 year programmes)

Students for the 'in Health Sciences' version of the programme take the online compulsory modules listed above for the online MSc Applied Statistics (September or January start as appropriate, 2 or 3 year as appropriate) plus the following additional compulsory modules.

Module Code	Module Title	Level	Credits
MM927	Medical Statistics	5	20

In exceptional circumstances, where a student has already been awarded credit for a corresponding Strathclyde Level 4 module, a maximum of 20 credits at Level 5 may be substituted subject to approval by the Programme Director (with the exception of MM930 which cannot be substituted).

Optional Modules for online MSc Applied Statistics in Health Sciences (September and January starts 2 and 3 year programmes)

Students for the 'in Health Sciences' version of the programme should choose no fewer than 30 credits from the optional modules listed above for the online MSc Applied Statistics with the exclusion of those chosen from List B and MM927 which is compulsory.

With the approval of the Programme Director, students may substitute other Level 5 optional modules offered by the University up to a maximum of 40 credits.

MSc Medical Statistics (September start)

Compulsory Modules

Module Code	Module Title	Level	Credits
MM922	Foundations of Probability and Statistics	5	20
MM923	Data Analytics in R	5	20
MM924	Statistical Modelling and Analysis	5	20
MM927	Medical Statistics	5	20
MM929	Effective Statistical Consultancy	5	10
MM926	Survey Design and Analysis	5	10
MM928	Spatial Statistics	5	10
MM925	Quantitative Risk Analysis	5	10
MM919	Degree Apprenticeship Project	5	60

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University up to a maximum of 40 credits.

MSc Medical Statistics (January start)

Compulsory Modules

Module Code	Module Title	Level	Credits
MM959	Foundations of Probability and Statistics	5	20
MM957	Data Analytics in R	5	20
MM958	Statistical Modelling and Analysis	5	20
MM927	Medical Statistics	5	20
MM929	Effective Statistical Consultancy	5	10
MM926	Survey Design and Analysis	5	10
MM928	Spatial Statistics	5	10
MM925	Quantitative Risk Analysis	5	10
MM963	Degree Apprenticeship Project (January Start)	5	60

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University up to a maximum of 40 credits.

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
6. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of the MSc, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project (one of MM550, MM930, MM931, MM932, MM933, MM919, MM963).
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

QUANTITATIVE FINANCE

Master of Science in Quantitative Finance
Postgraduate Diploma in Quantitative Finance
Postgraduate Certificate in Quantitative Finance

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including MM908 Research Project.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
AG912	International Financial Markets and Banking	5	20
MM914	Foundations of Probability and Statistics	5	20
CS982	Big Data Technologies	5	20
MM904	Financial Stochastic Processes	5	10
MM908	Research Project*	5	40

*For the degree of MSc only

Optional Modules

50 credits with students choosing 20 credits of modules from each of Lists A and C and 10 credits from List B.

List A

Module Code	Module Title	Level	Credits

AG916	Behavioural Finance	5	10
AG924	Portfolio Theory and Management	5	10
AG925	Derivatives and Treasury Management	5	20
AG937	Fixed Income Analysis	5	20

List B

Module Code	Module Title	Level	Credits
MM917	Networks in Finance	5	10
MM905	Financial Econometrics	5	10
MM960	Statistical Machine Learning	5	10

List C

Module Code	Module Title	Level	Credits
CS971	Evolutionary Computation for Finance	5	20
CS952	Database and Web Systems Development	5	20
CS985	Machine Learning for Data Analytics	5	20

Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

With the approval of the Programme Director, students may substitute other Level 5 modules offered by the University for one or more of the optional modules listed above.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the research project MM908 where undertaken.

Award

- Degree of MSc:** In order to qualify for the award of the degree of the MSc in Quantitative Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the research project MM908.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Quantitative Finance, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Quantitative Finance, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

STATISTICS AND DATA SCIENCE

Master of Science in Statistics and Data Science
Postgraduate Diploma in Statistics and Data Science
Postgraduate Certificate in Statistics and Data Science

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university; or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) the maximum period of study shall be as follows:
 - i. Masters by full-time study 36 months
 - ii. PG Diploma by full-time study 24 months
 - iii. PG Certificate by full-time study 12 months

Mode of study

4. The programme is available by full-time study.

Place of study

5. On-campus or “face to face learning in an approved physical location” is the default Mode of Delivery.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
MM964	Foundations of Statistics	5	10
MM916	Data Analytics in R	5	20
CS989	Big Data Fundamentals	5	10

CS988	Big Data Tools and Techniques	5	10
MM954	Multivariate Analysis	5	10
MM962	Data dashboards with RShiny	5	10
MM960	Statistical Machine Learning	5	10

Optional Modules

Students should select 40 credits chosen from:

Module Code	Module Title	Level	Credits
MM9XX	Deep Learning	5	10
MM909	Medical Statistics	5	20
MM911	Effective Statistical Consultancy	5	10
MM912	Survey Design and Analysis	5	10
MM915	Spatial Statistics	5	10
MM913	Quantitative Risk Analysis	5	10
CS990	Database Fundamentals	5	10

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MM550	Research Project	5	60

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Statistics and Data Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project MM550.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Statistics and Data Science, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Statistics and Data Science, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

ADVANCED PHYSICS

Master of Science in Advanced Physics
Postgraduate Diploma in Advanced Physics
Postgraduate Certificate in Advanced Physics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH949	Physics Skills	5	20
PH952	Project*	5	60

*For the degree of MSc only

Optional Modules

A total of 100 credits from the list of optional modules

Module Code	Module Title	Level	Credits
PH953	Introductory Nanoscience	5	20
PH955	Advanced Nanoscience 1	5	20

PH956	Advanced Nanoscience 2	5	20
PH957	Topics in Photonics	5	20
PH960	Advanced Topics in Photonics	5	20
PH962	Photonic Materials and Devices	5	20
PH963	Advanced Photonic Devices	5	20
PH988	Topics in Quantum Physics	5	20
PH551	Research Skills	5	20
PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH968	Experimental Laboratories	5	20
PH913	Advanced Topics in Quantum Physics - Quantum Technologies	5	20

Such other modules as may be approved by the Adviser of Study to bring the total number of Level 5 modules to at least 150. Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the project.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Physics, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Physics, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Physics, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

APPLIED PHYSICS

Master of Science Applied Physics
Postgraduate Diploma in Applied Physics
Postgraduate Certificate in Applied Physics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirements. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH949	Physics Skills	5	20
PH952	Project*	5	60

*For the degree of MSc only. If the project is not done in the Department of Physics, students are registered on a 60 credit PGT project of the Department providing the project supervision but assessed under the PH952 module rules.

Optional Modules

Module Code	Module Title	Level	Credits
PH953	Introductory Nanoscience	5	20

PH955	Advanced Nanoscience 1	5	20
PH956	Advanced Nanoscience 2	5	20
PH957	Topics in Photonics	5	20
PH958	Optical Design	5	20
PH960	Advanced Topics in Photonics	5	20
PH962	Photonic Materials and Devices	5	20
PH963	Advanced Photonic Devices	5	20
EE473	Photonic Systems	4	20
PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH968	Experimental Laboratories	5	20
PH551	Research Skills	5	20

Such other modules as may be approved by the Adviser of Study to bring the total number of Level 5 modules to at least 150. Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the first attempt examinations, coursework and the project.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Applied Physics, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Physics, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Physics, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

INDUSTRIAL PHOTONICS

Master of Science in Industrial Photonics
Postgraduate Diploma in Industrial Photonics
Postgraduate Certificate in Industrial Photonics

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
2. Applicants may be required to attend an interview.

Place of Study

3. Some individual research projects may require off-campus work.

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate – no fewer than 60 credits
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the degree of MSc – no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH950	Research Skills	5	20
PH951	Project Training	5	20
PH957	Topics in Photonics	5	20
PH963	Advanced Photonic Devices and Applications	5	20
EE979	Systems Engineering	5	20
PH952	Project*	5	60

*For the degree of MSc only

Subject to the approval of the Programme Director, students may substitute a maximum of two Level 5 modules with other Level 5 modules.

Optional Modules

Module Code	Module Title	Level	Credits
PH958	Optical Design	5	20
PH962	Photonic Materials and Devices	5	20
EE473	Photonic Systems	4	20

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project.

Award

8. Degree of MSc: In order to qualify for the award of the degree of MSc in Industrial Photonics, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
9. Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Industrial Photonics, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Industrial Photonics, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

NANOSCIENCE

Master of Science in Nanoscience
Postgraduate Diploma in Nanoscience
Postgraduate Certificate in Nanoscience

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
2. Applicants may be required to attend an interview.

Place of Study

3. Some individual research projects may require off-campus work.

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a 60-credit project.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH949	Physics Skills	5	20
PH953	Introductory Nanoscience	5	20
PH955	Advanced Nanoscience 1	5	20
CH927	Advanced Nanoscience 3: Nanochemistry	5	20
PH952	Project***	5	60
PH954	Physics Conversion Programme*	5	20

Or			
CH106	Chemistry: Principles And Practice 1*	1	20
And			
PH968	Experimental Laboratories**	5	20
Or			
PH956	Advanced Nanoscience 2**	5	20

*Either PH954 Physics Conversion Programme or CH106 Chemistry: Principles And Practice 1 or another appropriate module approved by the Programme Director.

**Either PH956 Advanced Nanoscience 2 or PH968 Experimental Laboratories or another appropriate module approved by the Programme Director.

***For the degree of MSc only. If the project is not done in the Department of Physics, students are registered on a 60 credit PGT project of the Department providing the project supervision but assessed under the PH952 module rules.

Subject to the approval of the Programme Director, students may substitute a maximum of two Level 5 modules (totalling no more than 40 credits) with other Level 5 modules. Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework, and the project.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Nanoscience, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Nanoscience, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Nanoscience, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHOTONICS

Master of Science in Photonics
Postgraduate Diploma in Photonics
Postgraduate Certificate in Photonics

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
2. Applicants may be required to attend an interview.

Place of Study

3. Some individual research projects may require off-campus work.

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Module

Module Code	Module Title	Level	Credits
PH949	Physics Skills	5	20
PH957	Topics in Photonics	5	20
PH963	Advanced Photonic Devices	5	20

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
PH953	Introductory Nanoscience	5	20
PH955	Advanced Nanoscience 1	5	20
PH956	Advanced Nanoscience 2	5	20
PH958	Optical Design	5	20
PH960	Advanced Topics in Photonics	5	20
PH962	Photonic Materials and Devices	5	20
PH968	Experimental Laboratories	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH551	Research Skills	5	20
EE473	Photonic Systems	4	20

Such other modules as may be approved by the Adviser of Study to bring the total number of Level 5 modules to at least 150.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
PH952	Project	5	60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the project.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Photonics, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Photonics, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Photonics, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

QUANTUM TECHNOLOGIES

Master of Science in Quantum Technologies
Postgraduate Diploma in Quantum Technologies
Postgraduate Certificate in Quantum Technologies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
2. Applicants may be required to attend an interview.

Place of Study

3. Some individual research projects may require off-campus work.

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH949	Physics Skills	5	20
PH988	Topics in Quantum Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH913	Advanced Topics in Quantum Physics - Quantum Technologies	5	20
PH957	Topics in Photonics	5	20

20 credits chosen from list of option modules:

Optional Modules

Module Code	Module Title	Level	Credits
PH955	Advanced Nanoscience 1	5	20
PH956	Advanced Nanoscience 2	5	20
PH968	Experimental Laboratories	5	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
PH952	Project	5	60

Such other Level 5 modules as may be approved by the Programme Director to bring the total number of Level 5 modules to at least 150.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and the project.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Quantum Technologies, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Quantum Technologies, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Quantum Technologies, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

CHEMISTRY WITH ARTIFICIAL INTELLIGENCE

Master of Science in Chemistry with Artificial Intelligence
Postgraduate Diploma in Chemistry with Artificial Intelligence
Postgraduate Certificate in Chemistry with Artificial Intelligence

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree) from a United Kingdom university (in Chemistry, Computing Science, Chemical Engineering, Mathematics or Physics or a closely related subject); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time and part-time study.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
CHxxx	Python 101 for Chemists	5	20
CHxxx	Software Engineering and High Performance Computing	5	10
CHxxx	AI and Machine Learning	5	10

CHxxx	Computational Chemistry	5	10
CHxxx	Time Series Analysis for Chemistry	5	10
CHxxx	Scientific Research Methods	5	10
CS801	Quantitative Methods for AI	5	10
CS802	Deep Learning and Neural Nets	5	20
CS982	Big Data Technologies	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
CHxxx	Project	5	60

Progress

- The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
- The final award will be based on the student's performance in their assessments.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Chemistry with Artificial Intelligence, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project CHxxx.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Chemistry with Artificial Intelligence, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Chemistry with Artificial Intelligence, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

CHEMISTRY WITH DATA SCIENCE

Master of Science in Chemistry with Data Science
Postgraduate Diploma in Chemistry with Data Science
Postgraduate Certificate in Chemistry with Data Science

These regulations are to be read in conjunction with [General Academic Regulations – Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university (in Chemistry, Computing Science, Chemical Engineering, Mathematics or Physics or a closely related subject); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

3. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of study

4. The programme is available by full-time and part-time study.

Place of study

5. In accordance with the [General Academic Regulations – Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

6. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc no fewer than 180 credits including a 60 credit research project,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the Postgraduate Certificate no fewer than 60 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
CHxxx	Python 101 for Chemists	5	20
CHxxx	Software Engineering and High Performance Computing	5	10
CHxxx	AI and Machine Learning	5	10

CHxxx	Computational Chemistry	5	10
CHxxx	Time Series Analysis for Chemistry	5	10
CHxxx	Scientific Research Methods	5	10
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS982	Big Data Technologies	5	20
CS985	Machine Learning for Data Analytics	5	20

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
CHxxx	Project	5	60

Progress

7. The [General Academic Regulations – Postgraduate Taught Degree Programme Level](#) shall apply.
8. The final award will be based on the student's performance in their assessments.

Award

9. **Degree of MSc:** In order to qualify for the degree of MSc in Chemistry with Data Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the research project CHxxx.
10. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Chemistry with Data Science, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Chemistry with Data Science, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

FORENSIC SCIENCE

Masters of Science in Forensic Science
Postgraduate Diploma in Forensic Science
Postgraduate Certificate in Forensic Science

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above; or
 - iii. be deemed, by the Programme Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.
 - iv. In addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of study

3. The programmes are available by full-time study only.

Place of Study

4. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules

Module Code	Module Title	Level	Credits
FS986	Professional and Career Skills	5	10
FS934	Essentials of Forensic Science	5	20
FS905	Essentials of Forensic Science: Practical	5	20

FS906	Practical Crime Scene and Court Exercise	5	20

Optional Modules

No fewer than 50 credits chosen from

Module Code	Module Title	Level	Credits
FS935	Forensic Biology 1	5	10
FS936	Forensic Biology 2	5	20
FS937	Forensic Chemistry 1	5	10
FS938	Forensic Chemistry 2	5	20
FS910	Practical Examination in Optional Module	5	20

Not all optional modules in this list will be available every year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
99900	Dissertation	5	60

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Forensic Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation 99900.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Forensic Science, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Forensic Science, a candidate must have accumulated no fewer than 60 credits from the programme curriculum including at least 30 credits from a theory component.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

FORENSIC SCIENCE

Postgraduate Certificate in Fundamentals in Forensic Science

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Mode of Study

3. The programmes are available by part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits

Compulsory Modules

Module Code	Module Title	Level	Credits
FS992	Essentials of Forensic Science	5	20
FS994	Forensic Science Remote Research Project	5	20

Optional Modules

Students with a biology degree (or similar experience) must select the following options:

Module Code	Module Title	Level	Credits
FS991	DNA Profiling	5	5
FS989	Sexual Offences Investigation	5	5
FS995	Remote Practical Work in Forensic Biology	5	10

Not all optional modules in this list will be available every academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students with a chemistry degree (or similar experience) must select the following options:

Module Code	Module Title	Level	Credits

FS990	Toxicology	5	5
FS993	Fires and Explosives	5	5
FS988	Remote Practical Work in Forensic Chemistry	5	10

Not all optional modules in this list will be available every academic year. Please check your programme handbook for confirmation of which optional modules will run.

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
6. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

7. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Fundamentals in Forensic Science, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

OPTICAL MEDICAL IMAGING ENTREPRENEURSHIP

Master of Science in Optical Medical Imaging Entrepreneurship

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall only be admitted to this degree under the following conditions:
 - i. they were originally enrolled in the OPTIMA CDT for a PhD with Integrated Study in Optical Medical Imaging with Healthcare Innovation and Entrepreneurship,
 - ii. they have failed to meet the requirements for the PhD component for a PhD with Integrated Study in Optical Medical Imaging but have completed the necessary taught credits.

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of study

3. The programmes are available by full-time study only.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits,
 - ii. for the Postgraduate Diploma no fewer than 120 credits,
 - iii. for the degree of MSc no fewer than 180 credits including a placement.
5. All students shall undertake an approved curriculum of no fewer than 180 credits of taught programme.

Compulsory Modules

Module Code	Module Title	Level	Credits
EX949	Optical Medical Imaging Grand Challenge	5	20
EX952	Innovation Driven Entrepreneurship	5	20
EX951	Translational Study- Innovation and Entrepreneurship Masterclass	5	20
EX948	Ethics and Regulatory Processes	5	15
CH914	Build your own microscope	5	10
EX953	CDT 3-month Placement	5	60

Z1931	Technology Commercialisation Workshop	5	10

Optional Modules

Students select 30 credits from the following modules:

Module Code	Module Title	Level	Credits
EX918	Entrepreneurial Challenge: Creating a New Adventure	5	15
EX947	Entrepreneurial Management and Leadership	5	15
EX919	Entrepreneurial Finance	5	15
EX950	Technology Commercialisation and the Entrepreneurial Ecosystem	5	15

or other modules as approved by the Programme Director.

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level.](#)
- The final award will be based on performance in the examinations and coursework together with the placement where undertaken.

Award

- Degree of MSc:** In order to qualify for the degree of MSc in Optical Medical Imaging Entrepreneurship, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the programme curriculum.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Optical Medical Imaging Entrepreneurship, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Optical Medical Imaging Entrepreneurship, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

ADVANCED CLINICAL PHARMACY PRACTICE

Master of Science in Advanced Clinical Pharmacy Practice

Master of Science in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing

Postgraduate Diploma in Advanced Clinical Pharmacy Practice

Postgraduate Certificate in Advanced Clinical Pharmacy Practice

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:

- i. a degree in pharmacy from a United Kingdom university or;
- ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

1. All applicants must be registered with the General Pharmaceutical Council (GPhC).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a Research Project.

Module Code	Module Title	Level	Credits
MP837	Clinical Decision Making	5	20
MP802	Quality Improvement Methodology	5	20
MP838	Research Fundamentals I: Critical Appraisal	5	20
MP839	Research Fundamentals II: Research Protocol Development	5	20
MP801	Clinical Service Development	5	10
MP806	Clinical Practice Attachment	5	20
MP808	Pharmacist Independent Prescribing*	5	30

BM954	SIPBS MSc Research Project**	5	60

*Students on the MSc in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing must take MP808 Pharmacist Independent Prescribing

**For the degree of MSc only

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the examinations, coursework and the Project.

Award

- Degree of MSc in Advanced Clinical Pharmacy Practice:** In order to qualify for the award of the degree of MSc in Advanced Clinical Pharmacy Practice, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of BM954 Research Project.
- Degree of MSc in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing:** In order to qualify for the award of the degree of MSc in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of BM954 Research Project and 30 must have been awarded in respect of MP808 Pharmacist Independent Prescribing.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Clinical Pharmacy Practice, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Clinical Pharmacy Practice, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

ADVANCED DRUG DELIVERY

Master of Science in Advanced Drug Delivery
Postgraduate Diploma in Advanced Drug Delivery
Postgraduate Certificate in Advanced Drug Delivery

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a research project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BM952	Essential Skills & Employability for Masters Students	5	20
MP811	Pharmaceutical Formulation and Clinical Pharmaceutics	5	20
MP812	Chemical Analysis: Principals, Application and Methods	5	20
BM947	Advanced Topics in Drug Delivery 2	5	20
MP810	Novel Therapeutics and Biopharmaceuticals	5	20
MP817	Pharmaceutical Project Management and Digital Design	5	20
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

6. The final award will be based on performance in the written examinations and the coursework.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Drug Delivery, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954..
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Drug Delivery, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Drug Delivery, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

ADVANCED PHARMACEUTICAL MANUFACTURING

Master of Science in Advanced Pharmaceutical Manufacturing
Postgraduate Diploma in Advanced Pharmaceutical Manufacturing
Postgraduate Certificate in Advanced Pharmaceutical Manufacturing

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a research project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BM952	Essential Skills & Employability for Masters Students	5	20
MP816	Drug Substance Manufacture: Industrial Crystallisation	5	20
MP815	Drug Product Manufacture	5	20
CH913	Process Analytical Technology (PAT) and Quality by Design in Continuous Pharmaceutical Manufacturing	5	20
MP813	Principals of Pharmaceutics	5	20
MP817	Pharmaceutical Project Management and Digital Design	5	20
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

6. The final award will be based on performance in the written examinations and the coursework.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Pharmaceutical Manufacturing, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Pharmaceutical Manufacturing, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Pharmaceutical Manufacturing, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES

Master of Science in Biomedical Sciences
Master of Science in Advanced Immunology
Master of Science in Advanced Pharmacology
Master of Science in Advanced Biochemistry
Master of Science in Molecular Microbiology
Master of Science in Neuroscience and Mental Health
Postgraduate Diploma in Biomedical Sciences
Postgraduate Certificate in Biomedical Sciences
Postgraduate Diploma in Advanced Immunology
Postgraduate Certificate in Advanced Immunology
Postgraduate Diploma in Advanced Pharmacology
Postgraduate Certificate in Advanced Pharmacology
Postgraduate Diploma in Advanced Biochemistry
Postgraduate Certificate in Advanced Biochemistry
Postgraduate Diploma in Molecular Microbiology
Postgraduate Certificate in Molecular Microbiology
Postgraduate Diploma in Neuroscience and Mental Health
Postgraduate Certificate in Neuroscience and Mental Health

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall complete an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits gained
 - ii. for the Postgraduate Diploma no fewer than 120 credits gained
 - iii. for the degree of MSc no fewer than 180 credits gained including a project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BM952	Essential Skills & Employability for Masters Students	5	20
Z1931	Entrepreneurship	5	10
MP942	Advanced Techniques in Biomedical Research 1*	5	10
MP959	Advanced Techniques in Biomedical Research 2	5	10

BM937	Advanced Topics in Biomedical Research	5	20
BM954	SIPBS MSc Research Project**	5	60

*MP942 is not taken by students on the Neuroscience and Mental Health programmes

**For the degree of MSc only

Together with optional modules appropriate to the chosen programme.

Optional Modules

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

For the degree of **MSc in Biomedical Sciences**, 10 credits from List A and 40 credits from List B

List A

Module Code	Module Title	Level	Credits
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10
BM951	Postgraduate Topics in Haematology	5	10

List B

Module Code	Module Title	Level	Credits
BM934	Postgraduate Studies in Clinical Biochemistry	5	20
BM935	Postgraduate Studies in Pathology	5	20
BM945	Postgraduate Studies in Clinical Immunology	5	20
BM940	Postgraduate Studies in Clinical Microbiology	5	20

For the degree of **MSc Advanced Immunology**, 10 credits from List A and 40 credits from List B.

List A

Module Code	Module Title	Level	Credits
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10
BM951	Postgraduate Topics in Haematology	5	10

List B

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

CANCER THERAPIES

Master of Science in Cancer Therapies
Postgraduate Diploma in Cancer Therapies
Postgraduate Certificate in Cancer Therapies

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the degree of MSc – no fewer than 180 credits including a project
 - ii. for the Postgraduate Diploma – no fewer than 120 credits
 - iii. for the Postgraduate Certificate – no fewer than 60 credits

Compulsory Modules

Module Code	Module Title	Level	Credits
BM952	Essential Skills & Employability for Masters Students	5	20
MP942	Advanced Techniques in Biomedical Research 1	5	10
MP959	Advanced Techniques in Biomedical Research 2	5	10
Z1931	Entrepreneurship, Innovation and Commercialisation	5	10
MP960	Design and Development of Anti-Cancer Drugs	5	10
MP981	Targeted Cancer Therapies for Personalised Medicine	5	20
MP989	Radiobiology and Radiation Oncology: From Beam to Bedside	5	10
MP809	Scientific Writing	5	10
MP988	Drug Discovery and Development in Cancer	5	20
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

5. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), shall apply.
6. The final award will be based on performance in the written examinations and the coursework.

Award

7. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Cancer Therapies, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954.
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Cancer Therapies, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Cancer Therapies, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

Module Code	Module Title	Level	Credits
BM939	Postgraduate Studies in Immunology	5	20
BM945	Postgraduate Studies in Clinical Immunology	5	20

For the degree of **MSc Advanced Pharmacology**, 10 credits from List A and 40 credits from List B.

List A

Module Code	Module Title	Level	Credits
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10

List B

Module Code	Module Title	Level	Credits
BM938	Postgraduate Studies in Pharmacology	5	20
BM941	Postgraduate Studies in Clinical Pharmacology	5	20

For the degree of **MSc Advanced Biochemistry**, 10 credits from List A and 40 credits from List B.

List A

Module Code	Module Title	Level	Credits
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10
BM951	Postgraduate Topics in Haematology	5	10

List B

Module Code	Module Title	Level	Credits
BM934	Postgraduate Studies in Clinical Biochemistry	5	20
BM936	Postgraduate Studies in Biochemistry	5	20

For the degree of **MSc Molecular Microbiology**, 10 credits from List A and 40 credits from List B.

List A

Module Code	Module Title	Level	Credits
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10

List B

Module Code	Module Title	Level	Credits
BM932	Postgraduate Studies in Microbiology	5	20
BM940	Postgraduate Studies in Clinical Microbiology	5	20

For the degree of **MSc Neuroscience and Mental Health** the following additional compulsory modules.

Module Code	Module Title	Level	Credits
BM950	Core Neuroscience	5	10
BM948	Functions of the Nervous System	5	20
BM949	Disorders of the Nervous System	5	20
MP968	In Vivo Biology	5	10

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the written examinations and the coursework.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

CLINICAL PHARMACY

Master of Science in Clinical Pharmacy
Postgraduate Diploma in Clinical Pharmacy
Postgraduate Certificate in Clinical Pharmacy

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply, subject to the following requirements. Applicants shall possess:
 - i. a degree in pharmacy from a United Kingdom university; or
 - ii. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a Research Project

Module Code	Module Title	Level	Credits
MP836	Clinical Pharmacy & Pharmaceutical Care	5	20
MP835	Pharmaceutical Care & Therapeutic Drug Monitoring	5	20
MP925	Health Service Skills	5	20
MP833	Leadership & Quality Improvement	5	20
MP834	Clinical Pharmacy Specialities & Practice	5	20
MP832	Long Term Conditions & Multimorbidities	5	20
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Clinical Pharmacy, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of BM954 Research Project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Clinical Pharmacy, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Clinical Pharmacy, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

INDEPENDENT PRESCRIBING

Practice Certificate in Independent Prescribing

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following. Applicants shall have appropriate qualifications and current registration with GPhC &/or PSNI as a practising pharmacist.

Credit Transfer and Recognition of Prior Learning

2. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

Duration of Study

3. The minimum duration of study is normally 12 months, and the maximum duration of study shall normally be 24 months.

Mode of study

4. The programme is only available by part-time study

Curriculum

5. Students shall undertake an approved curriculum as follows:

Module Code	Module Title	Level	Credits
MP904	Therapeutics	5	5
MP905	Prescribing and public health	5	5
MP906	Care planning	5	5
MP907	Period of learning in practice	5	10
MP908	Communicating with patients and colleagues	5	5

Examination, Progress and Final Assessment

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply
7. The final award will be based on performance in the Objective Structured Clinical Examination, the coursework and submission of a satisfactory portfolio of evidence from the Period of Learning in Practice.

Award

8. In order to qualify for the award of Practice Certificate in Independent Prescribing, a student must have accumulated 30 credits.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

INDUSTRIAL BIOTECHNOLOGY

Master of Science in Industrial Biotechnology
Postgraduate Diploma in Industrial Biotechnology
Postgraduate Certificate in Industrial Biotechnology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BM923	Bioprocessing	5	20
BM924	Applied Biocatalysis	5	20
EX933	Synthetic Biology	5	20
CS989	Big Data Fundamentals	5	10
CSXXX	Introduction to Bioinformatics	5	10
EX956	Downstream Processing	5	10
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Optional Modules

At least 30 credits to be chosen from the below list. Not all optional modules on this list will be available in each academic year.

Module Code	Module Title	Level	Credits
EX963	Delivering the Circular Economy and the Bioeconomy	5	20
EX929	Blue Biotechnology	5	20
EX940	Renewable Energy Technologies	5	20
EF931	Project Management	5	10
CL994	Circular Economy and Transformations Towards Sustainability	5	10
EX957	Understanding the Regulatory Environment of Bioprocessing Industries	5	10
EX958	Food Commodities and Sustainability	5	10
EX959	Food Microbiology and Biotechnology	5	10
Z1931	Entrepreneurship, Innovation and Commercialization	5	10
Or any other module from IBioIC HEI partner			

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the written examinations and the coursework.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Biotechnology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Industrial Biotechnology, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Industrial Biotechnology, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACEUTICAL ANALYSIS

Master of Science in Pharmaceutical Analysis
Postgraduate Diploma in Pharmaceutical Analysis
Postgraduate Certificate in Pharmaceutical Analysis

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply subject to the following requirement. Applicants shall possess:
 - i. a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate Science); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above; or
 - iii. be deemed, by the Programme Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

4. The programmes are available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Module Code	Module Title	Level	Credits
MP803	Principles, Application and Method Development in Chromatography	5	20
MP919	Bioanalysis, Biotechnology and Quality Management	5	20
MP831	Bioanalytical and Chromatographic Methods	5	20
BM952	Essential Skills and Employability for Masters Students	5	20
MP814	Spectroscopy: Principles, Application and Methods	5	20
MP812	Chemical Analysis: Principles, Application and Methods	5	20

BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and dissertation.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Pharmaceutical Analysis, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the BM954 project.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Analysis, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Pharmaceutical Analysis, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACEUTICAL QUALITY AND GOOD MANUFACTURING PRACTICE

Master of Science in Pharmaceutical Quality and Good Manufacturing Practice
Postgraduate Diploma in Pharmaceutical Quality and Good Manufacturing Practice
Postgraduate Certificate in Pharmaceutical Quality and Good Manufacturing Practice

These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply. In addition relevant industrial experience will be taken into account.
2. Exemption by Recognised Prior Learning (RPL) from up to a maximum of two taught modules from the curriculum is permitted for those students who have relevant industrial experience.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. The minimum duration of study for those students admitted with Recognised Prior Learning (RPL) will be reduced accordingly by agreement of the Board of Study.

Place of Study

5. In accordance with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), some off-campus work may be required.

Mode of Study

6. The programmes are available by part-time study only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a project

Compulsory Modules

Module Code	Module Title	Level	Credits
MP9AA	Pharmaceutical Law and Administration	5	10
MP9BB	Pharmaceutical Quality Systems	5	10
MP9CC	Role and Professional Duties of the QP	5	10

Optional Modules

Module Code	Module Title	Level	Credits
MP9DD	Medicinal Chemistry and Therapeutics	5	10
MP9EE	Formulation and Processing	5	10
MP9FF	Pharmaceutical Microbiology	5	10
MP9GG	Active Pharmaceutical Ingredients	5	10
MP9HH	Mathematics and Statistics	5	10
MP9II	Analysis and Testing	5	10
MP9JJ	Pharmaceutical Packaging	5	10
MP9KK	Practical Skills for PQGMP	5	10
MP9LL	Investigational Medicinal Products	5	10

Students for the degree of MSc only

Module Code	Module Title	Level	Credits
MP975	Pharmaceutical Quality and Good Manufacturing Practice (Project)	5	60

Examination, Progress and Final Assessment

8. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
9. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), a candidate who fails to satisfy the Board of Examiners in respect of any aspect of assessment of a module at the first diet of examinations may, at the discretion of the Board of Examiners, normally be permitted one further attempt to pass the relevant aspect of assessment of the module.
10. The final award will be based on performance in the examinations, coursework and the project where undertaken.

Award

11. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project MP975.
12. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
13. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.



University of
Strathclyde
Glasgow

General Academic Regulations

(Regulations Specific to a Particular Level of Study)

Postgraduate Research Degree Regulations

Version No.	Description	Author	Approval	Effective Date
1	Regulations for Postgraduate Research Students	Quality Enhancement & Assurance Team	Senate	Not implemented
2	Regulations for Postgraduate Research Students	Quality Enhancement & Assurance Team	Senate	27 Jan 2021
3	Students who successfully complete the professional development element of their studies will be eligible to receive the associated award. To note the inclusion of the new award of Professional Doctorate.	Quality Enhancement & Assurance Team	Senate	2023/24
4	Para 91 – remove reference to a hard copy of thesis being submitted to library.	Quality Enhancement & Assurance Team	Senate	Nov 2023
5	Para 23 – addition relating to external funding requirements	Quality Enhancement & Assurance Team	Senate Sept 2024	Sept 2024
6	Para 80 changes for clarity relating to Viva Outcome points a-f replaced with new a-d	Quality Enhancement & Assurance Team	Senate May 2025	May 2025

Table of Contents

Glossary of Terms.....	3
Context.....	4
Admissions.....	5
Registration	5
Mode of Study	5
Period of Study	6
Table A	6
Changes to Registration Status.....	6
Supervision	7
Engagement	8
Collaborative Provision	8
Paid employment	9
Research-related paid employment	9
Teaching-related paid employment.....	9
Professional Development	9
Assessment.....	10
Examining Committee	11
Results of Examination	12
Student Conduct and appeals	13
Exit Awards	13
Availability of Thesis	13
Commercialisation of Research and Intellectual Property (IP).....	14
Enhancement and continuous improvement	14

Glossary of Terms

<i>Academic Suspension</i>	An interruption of studies for an individual, on academic grounds.
<i>Compensation</i>	Where a student has failed to attain the pass mark in a module, they may, in specific circumstances, be granted a pass by compensation.
<i>Compulsory module</i>	A module which <i>must</i> be taken as part of the programme curriculum.
<i>Department/School</i>	Academic Departments or Schools within each Faculty.
<i>Faculty</i>	The University of Strathclyde has four faculties: • Engineering • Humanities and Social Sciences • Science • Strathclyde Business School
<u>PEGASUS</u>	An online portal which provides a number of services for students and staff members.
<i>Programme Handbook</i>	Guide detailing specific programme-related Information.
<i>Programme Regulation</i>	Specific requirements for individual programmes of study.
<i>Senate</i>	The academic governing body within the University, responsible for all academic matters including academic standards and quality.
<u>University Regulations</u>	The Regulations describe the remit and composition of various University committees; regulate the academic work of the University, the education and discipline of its students, and such other matters as lie within the functions of Senate. These Regulations stand separate to the General Academic Regulations.
<u>University Ordinances</u>	Regulatory document providing details on the way in which the University is governed.
<u>Voluntary Suspension</u>	A voluntary interruption of studies for an individual who is otherwise qualified for continued study.

Context

1. These regulations apply to programmes of supervised research leading to one or more academic distinctions of the University of Strathclyde. The following awards are conferred by the University by the authority of the Senate under [Ordinance 3](#):

Masters awards

- a. The degree of Master of Philosophy (MPhil)
- b. The degree of Master of Research (MRes)

Doctoral awards

- c. The degree of Doctor of Business Administration (DBA)
- d. The degree of Doctor of Education (EdD)
- e. The degree of Doctor of Educational Psychology (DEdPsy)
- f. The degree of Doctor of Engineering (EngD)
- g. The degree of Doctor of Information Science (DInfSci)
- h. The degree of Doctor of Pharmacy (DPharm)
- i. The degree of Doctor of Philosophy (PhD)
- j. The degree of Doctor of Philosophy with Integrated Studies (PhDIntSt)
- k. The degree of Professional Doctorate (DProf)

Higher Research awards

- k. The degree of Doctor of Science
- l. The degree of Doctor of Letters

2. These regulations should be read in conjunction with the University's [Code of Practice for Postgraduate Research Students](#), which expands on the processes mentioned within these Regulations.
3. Award of a Doctoral degree recognises a student's knowledge and understanding of their field of study and the ability to conduct future research without supervision, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a supervised programme of research, and which contributes significant original knowledge or the application of existing knowledge to new situations.
4. Award of the degrees of Doctor of Business Administration, Doctor of Education, Doctor of Engineering, Doctor of Information Science, Doctor of Pharmacy, Doctor of Philosophy with Integrated Studies and Professional Doctorate recognises the completion of a structured programme of learning and/or skills development related to the subject, in addition to a supervised programme of research.
5. Award of the degree of Master of Philosophy recognises a student's significant contribution to knowledge, or the application of existing knowledge to new situations, in their subject, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a supervised programme of research.
6. Award of the degree of Master of Research recognises a student's ability to conduct research in their subject, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a structured programme of research methods, and/or a research project.
7. Award of the degree Doctor of Science or Doctor of Letters recognises a substantial contribution to a major field of study over a significant period of time as assessed by the appointed examiners and evidenced by the submission of a significant body of published works accompanied by a summary outlining the publications submitted and the contribution the publications have made to the field of research.

8. Joint or dual research degrees established by University Departments or Schools with external partners should comply with the [Policy & Code of Practice on Collaborative Provision](#) when establishing these arrangements to ensure due process is followed.

Admissions

9. The standard admissions criteria for research degree programmes are set out in the University's [Admissions Policy](#). Any additional criteria to the standard admissions policy are set out in annually published Individual Research Degree Regulations.
10. Applicants for Higher Research degrees should follow the guidelines and procedures in the University's [Policy on Higher Doctorates](#).
11. Members of staff of the University of Strathclyde may apply for research degree programmes as described in the University's policy on postgraduate research study for staff. Staff applicants must be members of University of Strathclyde staff and remain members of staff for the duration of the research programme. The admissions criteria listed in the University's Admissions Policy will apply to University staff applicants.

Registration

12. An applicant accepting an offer to study for a postgraduate research programme is required to register at the start of the programme and pay fees as applicable. Students are also required to re-register at the start of each new academic year.
13. A student can register at the start of any calendar month.
14. A student awarded funding must follow the terms and conditions set out by the funder and meet any reporting requirements.
15. Students will be registered within a single department/school, and the registering department/school is responsible for the management and oversight of the programme of supervised research. Students involved in multi-disciplinary research, or who have supervisors based in two or more departments/schools, will normally be registered within the first supervisor's department/school. Management and oversight of the programme of supervised research will be the responsibility of the registering department/school, but this will be executed in consultation with the other department(s)/school(s) concerned.
16. Students on the DProf are registered at Faculty level and the faculty are responsible for management and oversight of the programme overall. At the thesis stage, students will be supervised at School level.

Mode of Study

17. Some research degree programmes are available to students on a full-time or part-time basis. Individual Research Degree Regulations specify the available modes of study for a programme, and whether changes to mode of study are allowed.
18. Students undertaking a full-time research degree programme are expected to dedicate the working week to their research and studies. The [Code of Practice for Postgraduate Research Students](#) provides more information on working hours, annual leave, public holidays and University closures.
19. Part-time students will follow a pattern of working in line with that of full-time students, on a pro-rata basis.
20. Students may request a transfer from full-time to part-time study, or vice versa, by submitting an application to their Supervisor, for approval by the appropriate Vice-Dean (or nominee). Transfers to a different mode of study will only be permitted in instances where the transfer

does not impact on the research project adversely. The [Code of Practice for Postgraduate Research Students](#) provides information about the process and criteria for changes to mode of study.

21. Students cannot change their mode of study when they have transferred to *completing* status.
22. Students can enter voluntary suspension once they have transferred to *completing* status, as stated in the [Voluntary Suspension Guidelines](#).

Period of Study

23. Standard minimum and maximum periods of study are set out in Table A below. The minimum period of study will be used to calculate the expected submission date, and the maximum period of study will be used to calculate the final submission date. Individual Research Degree Regulations will establish if part-time study is available, and additional admissions requirements that might affect the minimum duration. Each registering student will receive confirmation of the minimum and maximum duration of their study. Where an external funder requests a different duration of study, applications will be considered on a case-by-case basis. Such requests, if approved, will be confirmed in writing taking into consideration any funding conditions in accordance with and alongside the institutional requirements and standards conditions.
24. Any periods of voluntary suspension during the minimum period of study will be added to the minimum period of study and the expected submission date and final submission date adjusted accordingly.

Table A

Award	Full Time (months)		Part Time (months)	
	Minimum period of study	Maximum period of study	Minimum period of study	Maximum period of study
DBA	N/A	N/A	48	60
EdD	36	48	60	96
DEdPsy	24	36	N/A	N/A
EngD	48	60	96	108
DInfSci	36	48	60	72
DPharm	36	48	48	60
PhD	36	48	72	84
MPhil	12	24	24	36
MRes	12	24	24	36
PhDIntSt	48	60	96	108
DProf	N/A	N/A	60	96

25. A student is required to submit their thesis within the maximum period of study. Students who receive funding that covers part or all of the completing period between the minimum and maximum period of study are still required to complete within the maximum period of study.
26. In exceptional circumstances, students can seek a regulation waiver to reduce the minimum period of study.
27. In exceptional circumstances, Vice-Deans may approve an extension to the maximum period of study.

Changes to Registration Status

28. Students will have one of four registration statuses:

- a. Valid to register;
 - b. Registered;
 - c. Completed;
 - d. Terminated.
29. Once students have registered at the University for a research degree under these regulations, one of the following classifications will apply:
- a. Registered - Voluntary Suspension;
 - b. Registered - Academic Suspension;
 - c. Registered - Completing.
30. Students transfer to *completing* classification following the successful completion of a final annual review. The final annual review must happen before the final submission date, allowing sufficient time for the student to prepare the thesis for submission by the final submission date. The [Code of Practice for Postgraduate Research Students](#) provides information on the review process and criteria for transferring to *completing* classification.
31. A final annual review will only be considered final if the student has completed all relevant research and training requirements as detailed in regulations 55 to 63 and has demonstrated that they will be able to submit the thesis by a planned submission date that falls before the final submission date.
32. A registration review should be held if the outcome of the final annual review is that the student is not ready to transfer to *completing* classification. Outcomes of the registration review are detailed in the [Code of Practice for Postgraduate Research Students](#).
33. Full-time and part-time students must submit before the final submission date regardless of when the transfer to *completing* occurs.
34. Submission reviews should be carried out during the completing period, following the guidelines in the [Code of Practice for Postgraduate Research Students](#).
35. Students who fail to submit before the final submission date without an approved extension following a submission review will be withdrawn from their programme of study, according to the guidelines in the [Code of Practice for Postgraduate Research Students](#).

Supervision

36. A student will be allocated a supervisory team with a minimum of two supervisors, with one supervisor designated as the first supervisor. The supervisory team should always consist of two University staff but can also include qualified individuals from outside the University. Details of the process for joint supervision with other institutions can be found in the [Code of Practice for Postgraduate Research Students](#).
37. A supervisory team must include a member of staff at Grade 8 (or above), with previous experience as a first supervisor. The first supervisor must have relevant research expertise. All University supervisors must have undertaken appropriate training, as described in the [Code of Practice for Postgraduate Research Students](#), to be recognised by the University as eligible supervisors.
38. The Head of School/Department, or nominee, will appoint the supervisory team, which will be responsible for supporting the student through the research programme, and monitoring the student's progress. Full details of the supervisory team's responsibilities can be read in the [Code of Practice for Postgraduate Research Students](#). Supervisors will be familiar with

the policies, processes and responsibilities described in the more detail in the Code of Practice.

39. Changes to the supervisor team may be necessary at some point during the research programme. The Head of School/Department, or nominee, is responsible for initiating any changes to the supervisory team. The circumstances and criteria for changes to the supervisory team are listed in the [Code of Practice for Postgraduate Research Students](#).

Engagement

40. The University expects research degree students to demonstrate the level of engagement with their studies. This includes regular communication with the supervisory team, engagement with formal progression monitoring processes and active participation in any of the taught elements of the programme of study.
41. Within each 12-month period of study, students are expected to satisfy the engagement criteria defined in the [Code of Practice for Postgraduate Research Students](#) and successfully complete a formal review. The formal review requirements for each year are also detailed in the Code of Practice.
42. In addition to regulations 40 and 41 above, students with visa requirements should also comply with the engagement and attendance requirements of their visa.
43. A recommendation that the student transfer to an exit award, if available under Individual Research Degree Regulations and regulations 88-90, may be made under the following circumstances:
- a. academic withdrawal, based on one of the following reasons:
 - i. an unsatisfactory outcome from an annual review, or;
 - ii. insufficient progress following the remedial period established by an interim or annual review, or;
 - iii. sustained lack of engagement under the terms of regulations 40 and 41 between reviews, or;
 - b. recommendation of examining committee, or;
 - c. the student elects to voluntarily withdraw.
44. In all cases, an exit award must be available as detailed in the Individual Research Degree Regulations and the student must have completed or be able to complete the requirements of the exit award within a timeframe set by the registering school/department, and no longer than the minimum duration of the exit award. In cases where a student is compulsorily withdrawn due to misconduct, the misconduct process should consider if the student is eligible to submit for an exit award and justify why regulation 89 should be waived.

Collaborative Provision

45. For students engaged in collaborative provision arrangements, usually off-campus, an agreement must be in place that establishes the format and frequency of engagement and supervision, as well as research and training activities. Agreements must comply with the requirements and have the approval of the Collaborative Provision Agreement subgroup and Senate. Agreements should be compatible with the overall Postgraduate Research Degree Programme regulations, specifically regulations 40 and 41. Details of the process for setting up an agreement for Off campus students can be found in the [Code of Practice for Postgraduate Research Students](#).
46. Jointly supervised students and students on a joint PhD programme with another institution must have an agreement in place that establishes the amount of time spent at each institution, and the format and frequency of communication and supervision, as well as

research and training activities while at each institution. Agreements must comply with the requirements and have approval of the Collaborative Provision Agreement subgroup and Senate. Agreements should be compatible with the Postgraduate Research Degree Programme regulations, specifically 40 and 41. Details of the process for setting up an agreement for Joint PhD Awards can be found in the Framework for Joint PhD Awards.

Paid employment

47. A full-time student may undertake work not directly related to their research programme, which is undertaken in their own time outside of their degree and does not exceed the limits specified in the [Code of Practice for Postgraduate Research Students](#).
48. The supervisory team may request that the student change their mode of study from full-time to part-time if the student's progress is affected by any additional work during the expected period of study, and a change of mode of study is permitted by the Individual Research Degree Regulations.
49. A part-time student is expected to meet any curriculum, training and engagement requirements specified by their programme alongside any other commitments outside of their research programme, paid or otherwise.

Research-related paid employment

50. A student may also undertake additional paid research work at the University of Strathclyde, based on their area of research, if the conditions of any funding allow it. Such work will require a formal contract establishing the student as a member of research staff. The student will be required to transfer to part-time study when the period of paid research work exceeds the limits set out in the [Code of Practice for Postgraduate Research Students](#) but does not exceed the requirements for part-time study. The student should enter voluntary suspension for the period of employment if the additional research work is equivalent to full time employment and does not exceed the maximum duration of voluntary suspension. Studentships, fees and funding will be adjusted to reflect the change to the student's mode of study. Students who are studying on a visa must comply with the restrictions placed on their working hours at all times, as detailed in the Code of Practice.

Teaching-related paid employment

51. Students may be given the opportunity to engage in the support of teaching and learning activities through teaching, lecturing, demonstrating practical classes, project supervision, tutorials, and formative and summative assessments. This should not exceed the limits set out in the [Code of Practice for Postgraduate Research Students](#).
52. The student's teaching responsibilities will be clearly defined in writing.
53. All students will complete mandatory and any other appropriate training provided by their department/school before commencing any teaching and/or assessment.
54. Students will be fairly paid for any teaching work, as per University policy.

Professional Development

55. Students are required to engage with the personal and professional development component of their programme.
56. Professional Development activities are an integral component of the taught elements of the following programmes:
 - a. Doctor of Business Administration (DBA)
 - b. Doctor of Education (EdD)

- c. Doctor of Engineering (EngD)
 - d. Doctor of Information Science (DInfSci)
 - e. Doctor of Pharmacy (DPharm)
 - f. PhD with Integrated Studies (PhDIntSt)
 - g. Professional Doctorate (DProf)
57. The personal and professional development content should be specified along with the taught element of each programme in the Individual Research Degree Regulations and/or handbook.
 58. Students registered in the Engineering, Science and Humanities and Social Sciences Faculties on a standard PhD programme with no formal taught curriculum, have to complete the Postgraduate Certificate in Researcher Professional Development (PG Cert RPD). The University's [Recognition of Prior Learning Policy](#) outlines the procedure for applying for exemption from programmes and modules on the basis of prior experiential or accredited learning.
 59. Students registered in the Strathclyde Business School on a standard PhD programme are required to complete the Postgraduate Certificate in Research Methodology for Business and Management.
 60. Students registered for DProf, EdD, DLitt and DSci are not required to undertake accredited transferable skills training.
 61. MPhil students will be required to take and pass 20 credits of professional development training comparable to the Postgraduate Certificate in Researcher Professional Development to complete their research degree programme.
 62. Visiting students are expected to engage with appropriate personal and professional development activities in line with the amount of time spent at the Institution. The registering department are responsible for establishing the scope and nature of the visit, and for monitoring engagement during the visit.
 63. Non-graduating students will have personal and professional development activities built into the collaborative agreement, some of which may occur while the student is based at Strathclyde.

Assessment

64. All taught elements of the University's research programmes listed in regulation 1 must conform to the principles outlined in the Postgraduate Taught Course Regulations issued by Senate.
65. A student registered on a programme with a formal curriculum listed in regulation 1 will normally have to satisfy the requirements of the taught element before progressing to the research component, as described in the Individual Research Degree Regulations. Any outstanding taught elements of the programme must be completed before submitting their thesis for examination.
66. A student registered on a standard PhD programme must satisfy the requirements of the professional development programme specified in regulation 58 before submitting their thesis for examination. Any student who successfully completes the associated professional development programme element will be eligible to receive the appropriate award, at the appropriate time.
67. A student registered on an MPhil programme must satisfactorily complete the 20-credit professional development requirement in regulation 61 before they can submit their thesis for examination.

68. All doctoral research degree programmes require a thesis to be submitted for examination. The thesis will be assessed in an oral examination conducted by an examining committee, unless the student's personal circumstances require an alternative format acceptable to the examining department and committee.
69. All masters research degree programmes require a thesis to be submitted for examination, in addition to any formal curriculum requirements. The thesis will be examined by an examining committee and may also require an oral examination conducted by the examining committee.
70. The thesis must be submitted for examination by the final submission date. The [Code of Practice for Postgraduate Research Students](#) provides detailed information on the scope, content and format of the thesis, and planned and final submission dates.
71. Failure to submit by the final submission date, or to secure an extension using the process outlined in the [Code of Practice for Postgraduate Research Students](#), will result in the student being withdrawn from the programme of study and ineligible for examination.
72. With the exception of students registered for joint or dual degrees, a student will not be permitted to submit a thesis which has been or will be submitted for a degree or comparable award of this or any other university or institution.
73. The greater proportion of a student's research must have occurred during the period of registration. The contribution of any work from before the period of registration must be clearly established in the thesis, and all appropriate acknowledgements and attributions made, as detailed in the [Code of Practice for Postgraduate Research Students](#). Any previous work included in the thesis cannot have formed any part of a prior assessment for any type of award, and if the work has been previously published it must be cited in the same manner as any other published work.

Examining Committee

74. The purpose of the oral examination and the role of the examining committee is to determine that:
- a. the thesis is a record of the candidate's original research or other advanced scholarship on primary data sources or similar;
 - b. the thesis makes an identifiable contribution to knowledge leading to original insight or understanding of a specific topic within the field of study;
 - c. the performance of the student in the oral examination was satisfactory;
 - d. the literary style and presentation of the thesis is satisfactory;
 - e. the thesis is worthy of publication, in part or in whole;
 - f. the candidate possesses a good general knowledge and understanding of the field of study and has demonstrated an ability to conceptualise, design and implement an appropriate research strategy and programme.
75. The examining committee is appointed for each individual candidate and includes:
- a. A convenor
 - b. at least one internal examiner; and
 - c. at least one examiner external to, and independent of, the University.
76. Internal examiners are members of the academic staff of the University. No Supervisor or member of the supervisory team member can be appointed as a convenor or internal examiner for their student.
77. External examiners are appointed in line with criteria approved by Senate, taking into

account national expectations of the role, and the management of potential conflicts of interest and externality. Departments/Schools should follow the [policies and processes](#) for appointing the examining committee.

78. At least one examiner will be qualified to the level of degree for which the candidate is being examined unless they are a Professor and therefore deemed to have equivalent expertise and experience to undertake this role.
79. The examining committee may also act as the board of examiners for any taught or training components of the degree programme. Individual Research Degree Regulations and the [Code of Practice for Postgraduate Research Students](#) indicate how taught or training components are examined.

Results of Examination

80. The outcome of the first oral examination will be one of the following:

- a. Pass with final award made;
- b. Pass subject to minor amendments of the thesis assessed to the satisfaction of internal examiner only or full examining committee;
- c. Pass subject to major amendments of the thesis assessed to the satisfaction of the full examining committee;
- d. Resubmission following further research and re-examination of a thesis by the full examining committee, and a second oral examination;
- e. Fail with a lower, related exit award made at this point;
- f. Fail with lower, related exit award made at this point with minor corrections being required and assessed by the internal examiner only;
- g. Fail with transfer to a lower, related exit award with the requirement to resubmit assessed by the full examining committee;
- h. Fail with transfer to a lower, related exit award with the requirement to resubmit assessed by the full examining committee and a second oral examination.
- i. Fail with no award and compulsorily withdrawn.

81. Details on the process and deadlines following each of these outcomes are provided in the [Code of Practice for Postgraduate Research Students](#).

82. Failure to meet the deadlines for resubmission set by the examining committee will result in the student being withdrawn from the registered programme unless the student has informed the examining committee of any extenuating circumstances and the committee have agreed to an extension.

83. A student will have one further opportunity to resubmit the thesis for examination following outcome *d*, *e*, *f*, *g*, and *h* of regulation 80.

84. Following re-submission under points *d* of regulation 80, the outcomes available to the examining committee are:

- a. Pass with award made;
- b. Pass with minor corrections assessed by the internal examiner only;
- c. Fail with transfer to a lower, related exit award with the award being made at this point;
- d. Fail with no award and compulsorily withdrawn.

85. Following resubmission for a lower, related award of regulation 80, the outcomes available to the examining committee are:

- a. Pass and award made;
- b. Pass subject to minor amendments assessed by the internal examiner only;

- c. Fail with no award and compulsorily withdrawn.
86. Following outcomes *g* and *h* of regulation 80, the student can be transferred to one of the possible exit awards listed in regulation 90 and confirmed in the Research Degree Regulations for individual programmes.

Student Conduct and appeals

87. Students should abide by the academic, research and professional conduct standards defined by the University. Any breaches in conduct will be investigated according to University procedures, provided in the [Code of Practice for Postgraduate Research Students](#). Students have a right to appeal against any decisions made about their academic, research or professional conduct. The appeal process for each type of conduct is detailed in the Code of Practice.

Exit Awards

88. A student can achieve an exit award through the following routes:

- a. Progress is deemed unsatisfactory at a formal review and student is recommended to submit and be examined for an exit award;
- b. the examining committee recommend that the student be considered for an exit award following the oral examination;
- c. the student requests a transfer to an exit award during the period of supervised research, or under the circumstances described in regulation 82.

NB: In each case, the student must have completed the requirements, or be able to complete the requirements for the exit award. The specific requirements for an exit award are provided in the programme specification for the research programme.

89. A student withdrawn from their programme on the grounds of academic, professional, or research misconduct will not be eligible for an exit award.
90. The following exit award levels may be available, depending on Individual Research Degree Regulations:

Registered award	Possible exit awards
Doctor of Business Administration (DBA)	MSc/PG Dip/PG Cert
Doctor of Education (EdD)	MEd/MSc/PG Dip/PG Cert
Doctor of Educational Psychology (DEdPsy)	MPhil
Doctor of Engineering (EngD)	MPhil/MSc/PG Dip/PG Cert
Doctor of Information Science (DInfSci)	MPhil/MSc/PG Dip
Doctor of Pharmacy (DPharm)	MPhil/MRes
Doctor of Philosophy (PhD)	MPhil
Doctor of Philosophy (PhD) (SBS only)	MPhil/PG Dip/PG Cert
PhD with Integrated Studies (PhDIntSt)	MPhil/MSc/PG Dip/PG Cert
Master of Philosophy (MPhil)	No exit award
Master of Research (MRes)	PG Cert
Professional Doctorate	MSc/PG Dip/PG Cert

Availability of Thesis

91. Following the ratification of an awarded research degree undertaken at the University, the thesis will be electronically available within the public domain. Students should also comply with the University Research Data Policy to safeguard data during the period of registration, and where possible and appropriate or mandated by a funder, make the data available after the thesis has been made publicly available.

92. A student may request a delay to the release of a thesis under limited and specific circumstances relating to publication, commercial exploitation or patenting, or where the thesis includes material which is of significance to national security or personal safety. The request for a delay to the release of a thesis must be compatible with the terms and conditions of any funding the student has received. A maximum delay of 5 years from the date of the award may be agreed.
93. A permanent moratorium may be sought on very limited grounds relating to personal or national security or where permission to include third party copyright material could not be obtained, and exclusion of this material would significantly reduce the academic value of the thesis.
94. The request to delay the release of thesis must be made in advance of the thesis submission, following the process described in the [Code of Practice for Postgraduate Research Students](#).
95. Theses funded by a UKRI training grant must be placed in the public domain within a maximum of 12 months following award. Students receiving funding from another body should comply with the terms and conditions of their funding award.

Commercialisation of Research and Intellectual Property (IP)

96. Students must accept one of three options regarding their intellectual property rights when registering. Students can agree to the University's Policy, not agree to the University's Policy because their funder has stipulated different requirements, or the student can choose not to agree to accept the University's policy for personal reasons. Students who disagree on personal grounds must establish with their supervisor what those grounds are, and the supervisor will have to determine, with the approval of the Head of Department/School, if the student can be accepted for supervision. Students should read the Policy before completing registration and understand the options available to them. More information can be found in the [Code of Practice for Postgraduate Research Students](#).

Enhancement and continuous improvement

97. Senate defines mechanisms for the regular monitoring, review and validation of the quality and standards of research student support provision, and where appropriate the partnership arrangements involved in the delivery of such programmes. Further details can be found in the [Code of Practice for Postgraduate Research Students](#).

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

BUILDING DESIGN AND MANAGEMENT FOR SUSTAINABILITY

Master of Research in Building Design and Management for Sustainability Postgraduate Certificate in Building Design and Management for Sustainability

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a first or second class Honours degree from a United Kingdom university (in Architecture, Engineering, or closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to i. above; or
 - iii. be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
22563	Ecology, Sustainability and the Built Environment	4	10
AB930	Construction Project Management	5	10
AB975	Sustainability	5	10
CL931	Research Protocols in Science and Engineering	5	10

AB972	Research Project	5	120

Optional Modules

No fewer than 20 credits chosen from Level 5 modules offered within the Faculty of Engineering, as approved by the Programme Leader.

Module Code	Module Title	Level	Credits
CL955	Environmental Management Systems	5	10
CL956	Environmental Business Strategy	5	10
EF931	Project Management	5	10
EF932	Risk Management	5	10
EF933	Design Management	5	120
EV939	Environmental Impact Assessment	5	10

Examination, Progress and Final Assessment

- The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.
- Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the programme before being permitted to proceed to the Dissertation.
- The final award will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

- Degree of MRes:** In order to qualify for the award of the degree of Master of Research in Building Design and Management for Sustainability a candidate must have accumulated no fewer than 180 credits of which 120 must have been awarded in respect of the Research Project AB972.
- Award of Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Building Design and Management for Sustainability, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOFLUID MECHANICS

Master of Research in Biofluid Mechanics Postgraduate Certificate in Biofluid Mechanics

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MRes, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BE913	MRes Project	5	120
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10

Optional Modules

No fewer than 40 credits from the list of optional modules:

Module Code	Module Title	Level	Credits
BE926	Biofluid Mechanics	5	20

BE927	Industrial Software	5	20
BE915	Medical Science for Engineering	5	20
BE923	Haemodynamics for Engineers	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE903	Cardiovascular Devices	5	10
BE920	The Medical Device Regulatory Process	5	10
BE500	Entrepreneurship & Commercialization in Biomedical Engineering	5	10
BE916	Introduction to Biomechanics	5	10
MM506	Finite Element Methods for Boundary Value Problems and Approximation	5	20
MM508	Mathematical Biology and Marine Population Modelling	5	20
EF927	Design Management	5	10
EF932	Risk Management	5	10

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

7. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Biofluid Mechanics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the project.
8. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biofluid Mechanics, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

Master of Research in Biomedical Engineering

Master of Research in Biomedical Engineering with Biomechanics

Master of Research in Biomedical Engineering with Cell and Tissue Engineering

Postgraduate Certificate in Biomedical Engineering

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MRes, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Credit Transfer and Recognition of Prior Learning

5. At the discretion of the Head of Department or Programme Leader, credit transfer and RPL may be granted for up to 34% of the programme.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE913	MRes Project	5	120

Either*			
BE911	Engineering Science	5	20
Or			
BE915	Medical Science for Engineering	5	20

*Dependent on the academic background of the student and chosen after consultation with the Programme Leader.

MRes in Biomedical Engineering

No fewer than 20 credits chosen from the list of optional modules.

MRes in Biomedical Engineering with Biomechanics

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10

Plus, no fewer than 10 credits chosen from the list of optional modules.

MRes in Biomedical Engineering with Cell and Tissue Engineering

Module Code	Module Title	Level	Credits
BE901	Regenerative Medicine and Tissue Engineering	5	10

Plus, no fewer than 10 credits chosen from the list of optional modules.

Optional Modules

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE902	Prosthetics and Orthotics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE900	Tissue Mechanics	5	10
BE909	Biomedical Electronics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10

BE906	Biomaterials and biocompatibility	5	10
BE903	Cardiovascular Devices	5	10
BE908	Biomedical Instrumentation	5	10
BE912	Anatomy & Physiology	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10
BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
BE928	Rehabilitation Technology	5	10

Examination, Progress and Final Assessment

7. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

8. **Degree of MRes:** In order to qualify for the award of the degree of MRes, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the project BE913.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biomedical Engineering, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL DEVICES

Doctor of Engineering in Medical Devices

Master of Science in Medical Devices

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a Master's or an Integrated Master's degree; or,
 - ii. a first or upper second class Honours degree from a United Kingdom University; or,
 - iii. other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above; or,
 - iv. be deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) or (iii) above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.
3. Applicants who satisfy the provisions of Regulation 1 may, in addition, be required to have had a period of relevant experience.
4. In all cases, applicants must submit a satisfactory research area or topic.

Duration of Study

5. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

6. The programme is available by full-time study only.

Credit Transfer and Recognition of Prior Learning

7. As permitted by the [General Academic Regulations - Postgraduate Research Degree Regulations](#) and at the discretion of the Programme Leader, exemption from part of the programme may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Curriculum

8. All students shall undertake an approved curriculum as follows:

Compulsory Modules

First Year

Module Code	Module Title	Level	Credits
BE915	Medical Science for Engineering	5	20

MP931	Generic Biomedical and Pharmaceutical Research Skills	5	20
BE910	EngD/MSc Medical Devices Project	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE909	Biomedical Electronics	5	10
BE908	Biomedical Instrumentation	5	10
MP942	Advanced Techniques in Biomedical Research 1	5	10
BE920	The Medical Device Regulatory Process	5	10

Optional Modules

No fewer than 60 credits chosen from:

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE900	Tissue Mechanics	5	10
BE906	Biomaterials and Biocompatibility	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE903	Cardiovascular Devices	5	10
BE902	Prosthetics and Orthotics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE920	The Medical Device Regulatory Process	5	10
BE923	Haemodynamics for Engineers	5	10
BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10
MP968	In Vivo Biology	5	10
MP979	Drug Discovery	5	10
MP977	Toxicological Analysis	5	10

- 9. Second, Third and Fourth Years** - All students shall undertake a doctoral research project. Research projects are allocated to students from an approved list prior to the start of the second year and the normal supervisory and progression requirements for

doctoral awards apply (see [General Academic Regulations - Postgraduate Research Degree Regulations](#)).

Examination, Progress and Final Assessment

10. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the programme. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
11. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.
12. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year. The Board of Examiners will determine whether the resit should take the form of an examination or an assignment.

Award

13. **Degree of EngD:** In order to qualify for the award of the degree of EngD in Medical Devices, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the first year of study. In addition, a student must perform satisfactorily in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
14. **Degree of MSc:** In order to qualify for the award of MSc in Medical Devices, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 20 must have been awarded in respect of the Project BE910.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL TECHNOLOGY

Master of Research in Medical Technology Postgraduate Certificate in Medical Technology

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MRes, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE913	MRes Project	5	120
BE920	The Medical Device Regulatory Process	5	10
Either*			

BE911	Engineering Science	5	20
Or			
BE915	Medical Science for Engineering	5	20

*Dependent on the academic background of the student and chosen after consultation with the Programme Leader.

Optional Modules

No fewer than 10 credits from the list:

Module Code	Module Title	Level	Credits
BE916	Introduction to Biomechanics	5	10
BE902	Prosthetics and Orthotics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE900	Tissue Mechanics	5	10
BE909	Biomedical Electronics	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE906	Biomaterials and biocompatibility	5	10
BE903	Cardiovascular Devices	5	10
BE908	Biomedical Instrumentation	5	10
BE923	Haemodynamics for Engineers	5	10
BE924	Medical Robotics	5	10
BE925	Numerical Modelling in Biomedical Engineering	5	10

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

7. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Medical Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the project BE913.
8. **PGCert:** In order to qualify for the award of PGCert in Medical Technology, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CLIMATE CHANGE ADAPTATION

Master of Research in Climate Change Adaptation Postgraduate Certificate in Climate Change Adaptation

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a minimum of first or upper second class Honours degree from a United Kingdom university (in Engineering, Physical Science or closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
 - iii. be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to i. above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
4. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the maximum duration of study will be:
 - i. for the degree of MRes by full-time study - 24 months
 - ii. for the degree of MRes by part-time study- 36 months

Mode of Study

5. The programme is available by both full-time and part-time study and students have the option of completing the programme either on-campus or via distance learning (online).

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

150 credits chosen from:

Module Code	Module Title	Level	Credits
CL907	MRes Dissertation	5	120
Either			

CL804*	Research Methods for Quantitative and Qualitative Approaches	5	10
Or			
CL997**	Research Methods for Quantitative and Qualitative Approaches	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best Practice in Environmental Impact Assessment	5	10
Either			
CL994	Circular economy and transformations towards sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10

***Semester 1**

****Semester 2**

Optional Modules

No fewer than 30 credits, chosen from:

Module Code	Module Title	Level	Credits
RD905	Researcher Professional Development Elective	5	10
CL954	Contaminated Land	5	10
CL904	Waste Management and Landfill Design	5	10
Either			
CL906	Site Investigation and Risk Assessment	5	10
Or			
CL949	Site Investigation and Risk Assessment	5	10
CL946	Global Water Policy	5	10
CL961	Geographical Information Systems	5	10
CL973	Independent Study in Collaboration with Industry	5	10
CL985	VIP: Water & International Development	5	10
M9850	International Environmental Law	5	10
L2967	City Systems and Infrastructure	5	10

Either			
EC959	Environmental Economics	5	10
Or			
EC927	Environmental Economics	5	10
EC978	Natural Resources, Sustainability and Governance	5	10
EC961	Economics of Inequality and Inclusive Growth	5	10
EC974	Climate Change Economics	5	10

Exceptionally, such other Level 5 modules totalling no more than 30 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Examination, Progress and Final Assessment

7. Candidates are required to pass all examinations and to perform to the satisfaction of the Board of Examiners in the coursework and the dissertation.
8. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the programme before the dissertation can be submitted for examination.
9. The final award will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award

10. **MRes:** In order to qualify for the award of the degree of MRes in Climate Change Adaptation, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the dissertation CL907.
11. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Climate Change Adaptation, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

GEOENVIRONMENTAL ENGINEERING

Master of Research in Geoenvironmental Engineering Postgraduate Certificate in Geoenvironmental Engineering

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. A minimum of first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
 - iii. be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to i. above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the maximum duration of study will be:
 - i. for the degree of MRes by full-time study - 24 months
 - ii. for the degree of MRes by part-time study - 36 months

Mode of Study

5. The programme is available by both full-time and part-time study and students have the option of completing the programme either on-campus or via distance learning (online).

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

150 credits chosen from

Module Code	Module Title	Level	Credits
CL907	MRes Dissertation	5	120
CL954	Contaminated Land	5	10
Either			

CL906	Site Investigation and Risk Assessment	5	10
OR			
CL949	Site Investigation and Risk Assessment	5	10
	Either		
CL804*	Research Methods for Quantitative and Qualitative Approaches	5	10
	OR		
CL997**	Research Methods for Quantitative and Qualitative Approaches	5	10

*Semester 1

**Semester 2

Optional Modules

No fewer than 30 credits chosen from:

Module Code	Module Title	Level	Credits
RD905	Researcher Professional Development Elective	5	10
CL935	Hydrogeology	5	10
CL904	Waste Management and Landfill Design	5	10
CL961	Geographical Information Systems	5	10
CL951	Groundwater Flow Modelling	5	10
CL952	Aquifer Mechanics	5	10
EV921	Water and Environment Management	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best Practice in Environmental Impact Assessment	5	10
CL978	Water & Wastewater Treatment Design	5	10
CL973	Independent Study in Collaboration with Industry	5	10
L2967	City Systems and Infrastructure	5	10
CL996	Materials and Microstructures	5	10
CL990	Environmental Geochemistry	5	10
Either			

CL994	Circular Economy and Transformations Towards Sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10
EC978	Natural Resources, Sustainability and Governance	5	10

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Optional modules for study by Flexible Learning (e.g., Distance Learning) are available subject to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Examination, Progress and Final Assessment

7. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the dissertation.
8. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the programme before the dissertation can be submitted for examination.
9. The final award will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award

10. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Geoenvironmental Engineering, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the dissertation CL907.
11. **Award of Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Geoenvironmental Engineering, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

INTEGRATED POLLUTION PREVENTION AND CONTROL

Master of Research in Integrated Pollution Prevention and Control
Postgraduate Certificate in Integrated Pollution Prevention and Control

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a minimum of a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth or Physical Science, or closely related subject); or
 - ii. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to i. above; or
 - iii. be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
4. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), the maximum duration of study will be:
 - i. for the degree of MRes by full-time study - 24 months
 - ii. for the degree of MRes by part-time study - 36 months

Mode of Study

5. The programme is available by both full-time and part-time study and students have the option of completing the programme either on-campus or via distance learning (online).

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

150 credits chosen from:

Module Code	Module Title	Level	Credits
CL907	MRes Dissertation	5	120
CL904	Waste Management and Landfill Design	5	10
CL990	Environmental Geochemistry	5	10

	Either		
CL804*	Research Methods for Quantitative and Qualitative approaches	5	10
	Or		
CL997**	Research Methods for Quantitative and Qualitative Approaches	5	10

*Semester 1

**Semester 2

Optional Modules

No fewer than 30 credits chosen from:

Module Code	Module Title	Level	Credits
RD905	Researcher Professional Development Elective	5	10
CL946	Global Water Policy	5	10
CL954	Contaminated Land	5	10
CL960	Fundamentals of Environmental Forensics	5	10
CL987	Engineering Hydrology	5	10
CL990	Environmental Geochemistry	5	10
EV921	Water and Environmental Management	5	10
Either			
EV939	Environmental Impact Assessment	5	10
Or			
CL941	Best Practice in Environmental Impact Assessment	5	10
CL978	Water & Wastewater Treatment Design	5	10
CL973	Independent Study in Collaboration with Industry	5	10
M9850	International Environmental Law	5	10
L2967	City Systems and Infrastructure	5	10
Either			
CL994	Circular Economy and Transformations Towards Sustainability	5	10
Or			
CL988	Leading Issues in Circular Economy	5	10
EC978	Natural Resources, Sustainability and Governance	5	10

CL996	Materials and Microstructures	5	10
CL913	Public Health Studies	5	10
CL948	Principles of Environmental Microbiology	5	10

Exceptionally, such other modules totalling no more than 30 credits as approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year.

Optional modules for study by Flexible Learning (e.g., Distance Learning) are available subject to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Examination, Progress and Final Assessment

7. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the dissertation.
8. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the programme before the dissertation can be submitted for examination.
9. The final award will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award

10. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Integrated Pollution Prevention and Control, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the dissertation CL907.
11. **Award of Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Integrated Pollution Prevention and Control, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

NUCLEAR ENGINEERING

Doctor of Philosophy in Nuclear Engineering Postgraduate Certificate in Nuclear Engineering

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a Master's (i.e. MSc) or an Integrated Master's (i.e. MEng) degree; or,
 - ii. a first or upper second class Honours degree from a United Kingdom University; or,
 - iii. other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.
3. Applicants who satisfy the provisions of Regulation 1 may, in addition, be required by the Head of Department, acting on behalf of Senate, to be an experienced professional with current work experience in a relevant area of industry.
4. In all cases, applicants must submit a satisfactory research area or topic.

Duration of Study

5. 48 months as the minimum period of study, and 60 months as the maximum period of study for full-time PhD (see [General Academic Regulations - Postgraduate Research Degree Regulations](#)).

Mode of Study

6. The programme is available by full-time study only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
8. **First Year** – All students will take the compulsory taught modules.

Compulsory Modules

Module Code	Module Title	Level	Credits
CL807	Introduction to the Nuclear Fuel Cycle	5	30
CL806	Foundation Independent Research and Professional Skills	5	30

9. **Second, Third and Fourth Years** – Upon successful completion of the compulsory taught modules, students will be able to progress to second year and will work on their doctoral research projects in the remaining years of the PhD.

Examination, Progress and Final Assessment

10. Candidates are required to pass oral examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the programme. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
11. Candidates are required to successfully complete the compulsory modules in order to progress to second year.
12. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s), normally in the same academic year.

Award

13. **Degree of PhD in Nuclear Engineering:** In order to qualify for the award of the degree of PhD in Nuclear Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught curriculum. In addition, a student must perform satisfactorily in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
14. **Postgraduate Certificate:** In order to qualify for the Postgraduate Certificate in Nuclear Engineering, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN MANUFACTURE AND ENGINEERING MANAGEMENT

ADVANCED MANUFACTURING: FORGING AND FORMING

Doctor of Engineering (EngD) in Advanced Manufacturing Forging and Forming
Master of Science in Advanced Manufacturing: Forging and Forming

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

2. The programme is available by full-time study only.

Curriculum

3. All students shall undertake an approved curriculum as follows:

4. First Year

Compulsory Modules

Module Code	Module Title	Level	Credits
BE919	Research Methodology	5	10
DM957	Management of Technology and Innovation	5	10
DM932	Postgraduate Individual Project	5	60
DM956	Digital Manufacturing and Smart Products	5	10
DM942	Manufacturing Automation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM946	Micro- and Nano-Manufacturing	5	10
DM948	Advanced Material and Production Technology	5	10

Optional Modules

No fewer than 50 credits chosen from:

Module Code	Module Title	Level	Credits
DM923	Product Modelling and Visualisation	5	10
DM927	Strategic Supply Chain Management	5	10
DM933	Engineering Risk Management	5	10
OR			
DM805	Engineering Risk Management (Online)	5	10
DM945	Systems Thinking and Modelling	5	10
OR			
DM808	Introduction to Systems Thinking, Modelling and Optimisation (online)	5	10
DM947	Advanced Forming Technology and Systems	5	10
DM954	Intelligent Sensing and Reasoning through Machine Learning	5	10
DM986	Mechatronic Systems Design Techniques	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EF931	Project Management	5	10
OR			
DM811	Project Management (Online)	5	10

Exceptionally, such other Level 5 modules totalling no more than 20 credits, as approved by the Programme Director.

Not all optional modules will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Second, Third and Fourth Years

5. All students shall undertake a Doctoral Research Project. Research projects are allocated to students from an approved list at the start of the programme and the normal supervisory and progression requirements for doctoral awards apply (see the [General Academic Regulations - Postgraduate Research Degree Regulations](#)).

Examination, Progress and Final Assessment

6. Candidates are required to perform to the satisfaction of the Board of Examiners in the taught component of the programme. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
7. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

8. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

9. **Degree of EngD:** In order to qualify for the award of the degree of EngD in Advanced Manufacturing; Forging and Forming, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the programme curriculum, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932 and submitted a piece of satisfactory original research in the form of a portfolio as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#), performed satisfactorily in an oral examination.
10. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Manufacturing; Forging and Forming a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the programme curriculum, of which 60 must have been awarded in respect of the Postgraduate Individual Project DM932.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

APPLIED PHOTONICS

Doctor of Engineering in Applied Photonics
Doctor of Philosophy in Applied Photonics

1. This programme is offered jointly by the University of Strathclyde, the University of Glasgow, Heriot-Watt University, University of Huddersfield, University of Edinburgh, University of Dundee, National Physical Laboratory and University of St Andrews. The awards are made in the name of one of these seven Universities. The Regulations are drawn up consequent upon a Memorandum of Agreement for joint delivery of the degree which has been approved by Senate.
2. The taught component of the programmes may be delivered at university campuses or at independent work sites, but all modules are taught by staff from the seven universities. Students shall be subject to the Programme Regulations that have been adopted by all seven Universities and to any other General Regulations, etc., of the University at which they are registered.
3. For the current academic year, the administering university is Heriot-Watt University and full details of Programme Regulations applicable are shown in that University's Calendar.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

FUTURE POWER NETWORKS AND SMART GRIDS

Master of Research in Future Power Networks and Smart Grids Postgraduate Certificate in Future Power Networks and Smart Grids

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MRes, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EE800	MRes Dissertation	5	100
EE815	Future Power Networks and the Smart Grid Paradigm	5	10
EE802	Control and Protection of Future Networks	5	10
EE803	Power Electronics for Transmission and Distribution Networks	5	10
EE805	Communications for Power Networks	5	10
EE962	Power Systems and Wind Integration 1	5	10

Optional Modules

No fewer than 30 credits chosen from:

Module Code	Module Title	Level	Credits
EE804	Role of Demand and Customers in Smart Grid Operation	5	10
EE806	Offshore and Pan European Supergrids	5	10
EE807	Managing Risk and Uncertainty in Grid Operation	5	10
EE808	Asset Management and Condition Monitoring	5	10
EE812	Cyber Security and Data Privacy	5	10

Such other modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

7. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Future Power Networks and Smart Grids, a candidate must have accumulated no fewer than 180 credits, of which 100 must have been awarded in respect of the Dissertation EE800.
8. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Future Power Networks and Smart Grids, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

RENEWABLE ENERGY SYSTEMS

PhD in Renewable Energy Systems

1. This programme is being offered jointly by Loughborough University, the University of Strathclyde and Cranfield University as part of the EPSRC Centre for Doctoral Training in Engineering Hydrogen Net Zero (EnerHy).
2. In order to qualify for the degree of PhD in Renewable Energy Systems, students will be required to complete a compulsory taught element, plus 3 years of research at the University of Strathclyde. The PhD award will be made solely by the University of Strathclyde.
3. The compulsory taught component is delivered by all three universities and is administered wholly by Loughborough University under the following:
<https://www.lboro.ac.uk/governance/regulations/7/>. Prior to completion, Loughborough University will provide confirmation to Strathclyde that students have successfully complete the taught element of the programme.
4. The Regulations are drawn up consequent upon a Memorandum of Agreement for joint delivery of the taught elements of the degree, which has been approved by Senate. Students shall be subject to the Programme Regulations that have been adopted by all three Universities. These agreed regulations are published by Loughborough University. See <https://www.lboro.ac.uk/students/handbook/assessments/> and <https://www.lboro.ac.uk/students/handbook/starting/key-documents/> (see “Terms and Conditions of Study”).
5. During the research element of the programme, students shall be subject to the University of Strathclyde Regulations. See [General Regulations: Postgraduate Research Degree Regulations](#).

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ULTRASONIC ENGINEERING

Doctor of Engineering in Ultrasonic Engineering

Doctor of Philosophy with Integrated Study in Ultrasonic Engineering

1. This programme is being offered jointly by the University of Glasgow and University of Strathclyde as part of the EPSRC Centre for Doctoral Training in Future Ultrasonic Engineering. Students registering on one of these programmes will be subject to the [Postgraduate Research Degree General Regulations](#) of this University and will graduate with a degree from the University of Strathclyde only.
2. Both of these programmes involve a compulsory taught element. Prior to admission, the University of Glasgow will provide confirmation to Strathclyde that students have successfully completed the compulsory taught element of the programme. The taught component is administered wholly by the University of Glasgow with the regulations available in their University Calendar.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

WIND ENERGY SYSTEMS

Master of Research in Wind Energy Systems Postgraduate Certificate in Wind Energy Systems

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time study only.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EE964	Research Skills 1	5	10
EE965	MRes Dissertation	5	90

Optional Modules

No fewer than 80 credits chosen from:

Module Code	Module Title	Level	Credits
BF981	Socio-Economics of Energy Systems	5	10

EE958	Wind Turbine Technology 1	5	10
EE959	Wind Turbine Technology 2	5	10
EE960	Wind Turbine Control	5	10
EE961	Wind Turbine Power Conversion	5	10
EE962	Power Systems and Wind Integration 1	5	10
EE963	Power Systems and Wind Integration 2	5	10
NM964	Business Skills	5	10
NM999	Mechanical Systems and Turbine Design	5	10

Such other modules as may be approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

7. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Wind Energy Systems, a candidate must have accumulated no fewer than 180 credits, of which 90 must have been awarded in respect of the Dissertation EE965.
8. **PGCert:** In order to qualify for a Postgraduate Certificate in Wind Energy Systems, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

ENGINEERING

Master of Research in Engineering Postgraduate Certificate in Engineering

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CL931	Research Protocols for Science and Engineering	5	10
EF925	Research Project	5	120
Either			
DM933	Engineering Risk Management	5	10
Or			
EF931	Project Management	5	10

Optional Modules

No fewer than 40 credits chosen from Level 5 modules offered by the Faculty of Engineering, as approved by the Programme Leader.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

7. **MRes:** In order to qualify for the award of the degree of MRes in Engineering, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project EF925.
8. **PGCert:** In order to qualify for the award of PGCert in Engineering, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

NON-DESTRUCTIVE EVALUATION

Doctor of Engineering in Non-Destructive Evaluation

1. This programme is offered jointly by the University of Strathclyde, Imperial College, University of Bristol, University of Bath, University of Nottingham and University of Warwick. The awards are made in the name of one of these six Universities. The Regulations are drawn up consequent upon a Collaboration Agreement for joint delivery of the degree which has been approved by Senate.
2. The taught component of the programmes will be delivered at the partner university campuses and all modules are taught by staff from the six universities. Students shall be subject to the Programme Regulations that have been adopted by all six Universities and to any other General Regulations, etc., of the University at which they are registered.
3. For the current academic year, the administering university is Imperial College, London, and full details of Programme Regulations applicable are shown in that University's Calendar.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

OFFSHORE RENEWABLE ENERGY

Doctor of Engineering in Offshore Renewable Energy

1. This programme is offered jointly by the Universities of Edinburgh, Strathclyde and Exeter and Swansea as part of the EPSRC Centre for Doctoral Training in Offshore Renewable Energy (IDCORE) leading to the joint award of an Engineering Doctorate in Offshore Renewable Energy.
2. The Regulations are drawn up consequent upon a Memorandum of Agreement for joint delivery of the degree, which has been approved by Senate. Students shall be subject to the Programme Regulations that have been adopted by all four Universities. These agreed regulations are published by the University of Edinburgh. See [Assessment regulations | The University of Edinburgh](#) and [University of Edinburgh - Degree Regulations and Programmes of Study](#).
3. The programme involves a compulsory taught element. The taught component is delivered by all four universities and administered wholly by the University of Edinburgh under the following [Taught Assessment Regulations](#).

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

RENEWABLE ENERGY MARINE STRUCTURES

Doctor of Engineering in Renewable Energy Marine Structures

This programme is offered jointly by the University of Strathclyde, Cranfield University and the University of Oxford. The awards are made in the name of one of these three Universities. The Regulations are drawn up consequent upon a Memorandum of Agreement for joint delivery of the degree which has been approved by Senate.

The taught component of the programmes will be delivered entirely at Cranfield University. Students shall be subject to the Programme Regulations that have been adopted by all three Universities and to any other General Regulations, etc., of the University at which they are registered.

The administering university is Cranfield University and full details of Programme Regulations applicable are shown in that University's Calendar.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN & MARINE ENGINEERING

WIND & MARINE ENERGY SYSTEMS & STRUCTURES

Doctor of Engineering in Wind & Marine Energy Systems & Structures (WAMSS EngD)

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a Master's (i.e. MSc) or an Integrated Master's (i.e. MEng) degree; or,
 - ii. a first or upper second class Honours degree from a United Kingdom University; or,
 - iii. other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.
3. Applicants who satisfy the provisions of Regulation 1 may, in addition, be required by the Head of Department, acting on behalf of Senate, to be an experienced professional working in a relevant area of industry.
4. In all cases, applicants must submit a satisfactory research area or topic.

Duration of Study

5. 48 months as the minimum period of study, and 60 months as the maximum period of study for full-time EngD (see [General Academic Regulations - Postgraduate Research Degree Regulations](#))

Mode of Study

6. The programme is available by full-time study only.

Credit Transfer and Recognition of Prior Learning

7. As permitted by the [Policy on the Recognition of Prior Learning and Credit Transfer](#), the Board of Study may, with the approval of Senate, approve exemption from part of the taught element of the programme for students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Curriculum

8. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EE964	Induction Project	5	10
EE965	MRES Dissertation	5	90
EE958	Wind Turbine Technology 1	5	10
EE959	Wind Turbine Technology 2	5	10
EE960	Wind Turbine Control	5	10
BF981	Socio-Economics of Energy Systems	5	10
NM843	Risk and Reliability Engineering	5	10

Optional Modules

Students must take 30 credits chosen from:

Module Code	Module Title	Level	Credits
EE961	Wind Turbine Power Conversion	5	10
EE963	Power Systems and Wind Integration 2	5	10
EE962	Power Systems and Wind Integration 1	5	10
NM842	Offshore Structural Integrity	5	10
NM959	Dynamics of Floating Offshore Installations	5	10
EV939	Environmental Impact Assessment for ORE	5	10
NM978	Physical Testing of ORE Devices	5	10
XX###	Introduction to Offshore Geotechnics	5	10
XX###	Offshore Foundation Design	5	10
XX###	Numerical Analysis for Offshore Geotechnics	5	10
XX###	Advanced Fluid Mechanics for ORE	5	10

9. **First Year** – All students will attend an induction semester (from beginning of October until end of January) at University of Strathclyde, which includes Group Project 1 and 5 taught modules. Upon completion of the induction semester, the students will work part-time on Group Project 2 (from beginning of February until end of September) and they will commence their EngD research project in parallel. Research projects are allocated to students from an approved list prior to the completion of the induction semester and the normal supervisory and progression requirements for doctoral awards apply (see [General](#)

[Academic Regulations - Postgraduate Research Degree Regulations](#)).

10. **Second, Third and Fourth Years** - All students continue their doctoral research projects in the remaining years of the EngD. Moreover, the students will study 3 optional modules throughout the rest of their doctoral programme.

Examination, Progress and Final Assessment

11. Candidates are required to pass coursework and/or oral examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the programme. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
12. Candidates will be expected to attain minimum 180 credits, from Group Projects 1 & 2 as well as compulsory and optional modules, during the doctoral programme before being permitted to submit their EngD thesis.
13. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year. The Board of Examiners will determine whether the resit should take the form of an examination or an assignment.

Award

14. **Degree of EngD:** In order to qualify for the award of the degree of EngD in Wind & Marine Energy Systems & Structures, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the taught element in Years 1-4. In addition, a student must perform satisfactorily in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Transfer

15. A candidate who fails to satisfy the progress or award requirements of the EngD may be transferred to the MSc in Offshore Wind Energy.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATION

Doctorate of Education

Doctorate of Education with specialism in Supporting Teacher Learning

Doctorate of Education with specialism in Philosophy with Children

Doctorate of Education with specialism in Autism

Doctorate of Education with specialism in Early Years Pedagogue

Doctorate of Education with specialism in Inclusive Education

Doctorate of Education with specialism in Educational Leadership

Doctorate of Education with specialism in Digital Technology

Doctorate of Education with specialism in Bilingual Education

Doctorate of Education with specialism in Philosophy and Culture

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), successful applicants shall possess:
 - i. a Master's degree in Education from a university in the United Kingdom; or
 - ii. a qualification deemed by the Head of Department (or nominee) acting on behalf of Senate to be equivalent to (i) above; or
 - iii. be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

In addition, successful applicants shall also:

- iv. possess a teaching qualification; or
 - v. possess other relevant professional qualification.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

3. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the minimum duration of study will normally be:

for the degree of EdD by full-time study – 36 months
for the degree of EdD by part-time study – 48 months
4. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the maximum duration of study will normally be

for the degree of EdD by full-time study – 60 months
for the degree of EdD by part-time study – 96 months

Mode of Study

5. The programme is available by full-time and part-time (distance learning) study. All students undertake a curriculum comprising modules which are modular in nature and consist of formal tuition, independent study and supervised research.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7825	EdD Thesis	5	360
X9646	Methods of enquiry, literature and scholarship	5	60
X9645	Advanced research methods and proposals	5	60

Optional Modules

Students shall undertake EITHER 60 credits from a choice of level 5 modules offered by the School of Education OR 60 credits within the subject specialisms listed below:

Supporting Teacher Learning

Module Code	Module Title	Level	Credits
X9797	How Teachers Learn	5	20
X9798	Contemporary Contexts for Teacher Learning and Teachers' Work	5	20
X9799	Supporting Professional Learning in The Workplace	5	20

Philosophy with Children

Module Code	Module Title	Level	Credits
X3902	Introduction to Philosophy & Philosophical Practice	5	20
X3901	Philosophy with Children Theory	5	20
X3903	Philosophy with Children Facilitation	5	20

Autism

Module Code	Module Title	Level	Credits
X9808	Theory and Practice in Autism 1: Conceptual Frameworks in Autism	5	20
X7798	Theory and Practice in Autism 2: The Spectrum of Autism	5	20
X7799	Theory and Practice in Autism 3: Responding to the Impact of Autism	5	20

Early Years Pedagogue

Module Code	Module Title	Level	Credits
X7789	Taking Action: Child, Family & Community Efficacy	5	20
X9854	Creating Stimulating Learning Environments: Indoors & Out	5	20
X9802	Listening to Children & Hearing Their Voices	5	20

Inclusive Education

Module Code	Module Title	Level	Credits
X9743	Understanding Inclusive Education	5	20
X9744	Providing Effective Educational Support	5	20
X9701	Inclusive Pedagogy	5	20

Educational Leadership

60 credits from:

Module Code	Module Title	Level	Credits
X3820	Leadership for Equity, Inclusion & Social Justice	5	20
X3821	Leadership for School Improvement	5	20
X3822	Contexts for Leadership	5	20
X3832	Conceptions of Leadership	5	20
X3830	Leadership for Learning	5	20

Digital Technologies

Module Code	Module Title	Level	Credits
X3862	Instructional Design and Technology	5	20
X3860	Digital Media for Learning	5	20
X3900	Technology Enhanced Learning: Theory and Practice	5	20

Bilingual Education

Module Code	Module Title	Level	Credits
X3941	Theories and Policies in 2 nd Language: Acquisition and Bilingualism	5	20
X3942	Practice and Policies in Supporting Bilingual Learners	5	20
X3943	Action Research to Effect Change for Bilingual Learners	5	20
Or			
X7927	GlT Pedagogy 1: Language Learning and Teaching	5	20
X7928	GlT Pedagogy 2: Gaelic-medium Education	5	20
X7929	GlT Pedagogy 3: Bilingualism	5	20
And / Or			
X3842	Language Learning in a Multilingual World	5	20
X3841	Contemporary Issues in Language Teaching	5	20

Philosophy and Culture

Module Code	Module Title	Level	Credits
X3839	Thinking About Education	5	20
X3838	Philosophy of Technology and Education	5	20
X3999	Education and Self-Formation in Cultural Contexts	5	20

Examination, Progress and Final Assessment

- Before proceeding to the doctoral thesis stage, candidates are normally required to have passed all taught modules. Students must have passed 'X9465: Advanced Research Methods and Proposal', at the first attempt. A candidate who fails to fulfil this

requirement has the right of re-examination (See [General Academic Regulations - Postgraduate Research Degree Regulations](#)).

8. Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
9. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the programme before being permitted to proceed to the thesis.
10. Candidates who fail to satisfy the Board of Examiners in any taught module may, in the light of overall performance, be permitted one further attempt to pass the relevant module normally within one year of the first attempt.
11. The final assessment will be based on performance in the coursework, the thesis and an oral examination.

Award

12. In order to qualify for the award of degree of Doctor of Education, a candidate must have performed to the satisfaction of the Board of Examiners by passing both EdD 'X9645: Advanced Research Methods and Proposal' at the first submission, and must have accumulated no fewer than 540 credits at Level 5, of which 360 must have been awarded in respect of the Thesis (60,000 words).
13. A candidate who has completed the work for the Doctor of Education but has failed to satisfy the examiners at doctoral level, may be considered by the Board Examiners for transfer to, and the award of, the Master of Education.

Transfer

14. A candidate who has accumulated no fewer than 180 credits in the taught component of the programme will be eligible for the exit award of MSc in Practitioner Research.

A candidate who has accumulated no fewer than 120 credits in the taught component of the programme will be eligible for the exit award of Postgraduate Diploma in Practitioner Research.

A candidate who has accumulated no fewer than 60 credits in the taught component of the programme will be eligible for the exit award of Postgraduate Certificate in Practitioner Research.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY PROGRAMMES

MASTER OF RESEARCH IN...

Creative Writing

English

French

History

Italian

Journalism

Spanish

Physical Activity for Health

Political Science

Public Policy

Speech and Language Sciences

Urban Futures

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. See [General Academic Regulations - Postgraduate Research Degree Regulations](#)
2. Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences.
3. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

4. See [General Academic Regulations - Postgraduate Research Degree Regulations](#)

Mode of Study

5. The degree is available by full-time and part-time study.

Curriculum

6. All students will undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
Either			
QQ907	Dissertation in English	5	160

Or			
R1902	Dissertation in Modern Languages	5	160
Or			
V1918	Dissertation in History	5	160
Or			
QQ906	Dissertation in Creative Writing	5	160
Or			
P3XXX	Dissertation in Journalism	5	160
Or			
B1913	Dissertation in Physical Activity for Health	5	160
Or			
C99XX	Dissertation in Speech and Language Sciences	5	160
Or			
Xxxxx	Dissertation in Urban Futures	5	160
Or			
Xxxxx	Dissertation in Government and Public Policy	5	140

Optional Modules

No fewer than 20 credits and no more than 60 credits chosen from:

Module Code	Module Title	Level	Credits
C8939	Quantitative Research Methods	5	20
C8990	Research Methods in Clinical Health Psychology	5	20
QQ939	Research Skills in Literature, Culture and Communication	5	20
V1932	Research Skills, Sources and Methods for Historians	5	20
V1965	Palaeography, c.1500-c.18005	5	20
L2941	Principles of Research Design*	5	20
And, if undertaking XXXXX Dissertation in Government and Public Policy, either			
L2908	Quantitative Methods 2	5	20

Or			
L2948	Quantitative Text Analysis and Machine Learning in the Social Sciences	5	10
And			
L2949	Introduction to Social Network Analysis for Social Scientists	5	10

*L2941 is compulsory if undertaking xxxxx Dissertation in Government and Public Policy.

Or alternative optional modules subject to the approval of their supervisor/Advisor of Studies and Head of Graduate School. Not all optional modules on this list will be available in each academic year.

Examination and Final Assessment

7. See [General Academic Regulations - Postgraduate Research Degree Regulations](#)
8. The final award will be based on performance in the coursework, examinations, and dissertation and, if appropriate, in an oral examination.

Award

9. **Degree of MRes:** In order to qualify for the award of the degree of MRes in the named subject a candidate must have accumulated no fewer than 180 credits of which no fewer than 160 credits (or 140 credits if taking xxxxx Dissertation in Government and Public Policy) must have been awarded in respect of the Dissertation.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY PROGRAMMES

Professional Doctorate (DProf) in Advanced Practice

Professional Doctorate (DProf) in Advanced Practice with specialisations in*

- * Health
- * Social Work
- * Social Policy and Criminal Justice
- * Law
- * Law, Crime & Justice
- * Environmental Law & Governance
- * Competition Law
- * Internet Law & Policy Law
- * Public Law

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#)

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall normally possess:
 - i. a Master's degree (with Merit or Distinction) in a relevant field from a university in the United Kingdom; or
 - ii. a first class or second class upper (2:1) Honours degree in a relevant professional field with a minimum of 5 years' experience working in that field; or
 - iii. a qualification deemed by the Programme Director (or nominee) acting on behalf of Senate to be equivalent to (i) above; or
 - iv. be deemed by the Programme Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to above, and
 - v. other relevant professional qualification (nominally 5 years).

Duration of Study

2. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#) the minimum duration of study will normally be part-time study 60 months and the maximum duration of study will normally be 96 months.

Place of Study

3. As permitted by the [General Academic Regulations - Postgraduate Research Degree Regulations](#), all programmes make use of distance learning and blended learning as well as on campus delivery as appropriate.

Mode of Study

4. The programme is available by part-time study. All students undertake a curriculum comprising modules which consist of formal tuition, independent study and supervised research.

Curriculum

5. All students shall undertake an approved curriculum as follows, subject to the approval of the Programme Leader.

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	DProf Thesis	5	360
HF904	Methods of enquiry in contemporary professional issues	5	60
HF903	Advanced study design and research proposal	5	60

Optional Modules

Students shall undertake minimum of 60 credits from the optional modules below or 40 credits plus 20 credits from the PGCert Researcher Professional Development programme.

DProf Advanced Practice

Module Code	Module Title	Level	Credits
X3832	Conceptions of Leadership	5	20
X3820	Leadership for Equity, Inclusion and Social Justice	5	20
X3838	Philosophy of Technology and Education	5	20

Specialisation in Health

Module Code	Module Title	Level	Credits
XXXXX	Developing and Leading Collaborative Health and Care Workforces for the Future	5	20
SD922	Leading improvement and transformation	5	20
SD920	Designing people centric healthcare	5	20
MS819	Health systems performance, financing and innovation	5	20
XXXXX	Contemporary Issues and Inequalities in Health and Care	5	20
SD919	Big Data Driven Healthcare	5	20
C8990	Research Methods in Clinical Health Psychology	5	20

Specialisation in Social Work

Module Code	Module Title	Level	Credits
L5975	Approaches To Welfare: Past, Present and Future	5	20
L5976	Welfare Concepts and Ideas	5	20
L2905	Quantitative methods	5	20

Specialisation in Social Policy and Criminal Justice

Module Code	Module Title	Level	Credits
M8926	Contemporary Issues in Criminology	5	20
L5988	The Contexts of Criminal Justice Research	5	20
L8914	Prisons, Power and Punishment	5	20

List A- Options for all Law Specialisations

Module Code	Module Title	Level	Credits
M9922	Business and Human Rights	5	20
M9920	World Trading System: Law and Policy	5	20
M8913	International Investment Law	5	20
M9884	Financial Crime and Sanctions	5	20
M9923	Competition Law and Policy in the EU	5	20
M9986	European Human rights Law	5	20
M9870	EU Environmental Law	5	20
M8912	Financial Regulation and Compliance	5	20
XXXXX	International Environmental Law 1	5	20
M9990	International Human Rights Law	5	20
M9939	Negotiation	5	20
M8902	Arbitration Law	5	20
M9846	Homicide	5	20
M9989	Human Rights Protection in the UK	5	20
M9944	E-Commerce	5	20

M9811	Employment Mediation	5	20
M9862	International Migration Law	5	20
M9829	Privacy, Crime and Security	5	20
XXXXX	Oceans Governance and Law of the Sea	5	20
M8914	International Climate Change Law	5	20
XXXXX	Global Environmental Law: Issues of Sustainability and Equity	5	20
M9892	International Criminal Justice	5	20
M9937	Theory and Principles of Conflict Resolution	5	20
XXXXX	Punishment and Processes of Penal Change	5	20
M9838	Childhood and Crime	5	20
XXXXX	Surveillance, Technology and Crime Control	5	20
M9842	Restorative Justice	5	20
XXXXX	Offender Supervision and Management	5	20
XXXXX	Justice & Penal Decision-Making	5	20
M98XX	Justice and Penal Change	5	20
XXXXX	Competition Law of the UK and EU	5	20
M9897	Competition Law and the State	5	20
M9895	Competition Law and the Digital Economy	5	20
M9894	Competition Law	5	20

Specialisation in Law

At least 40 credits and no more than 60 from List A.

Specialisation in Law, Crime & Justice

Module Code	Module Title	Level	Credits
XXXXX	Justice & Penal Decision-Making*	5	20
M98XX	Justice and Penal Change*	5	20
Plus			
20 credits from List A			

* Compulsory for Specialisation in Law, Crime and Justice.

Specialisation in Environmental Law & Governance

Module Code	Module Title	Level	Credits
M9921	International Environmental Law*	5	20
XXXXX	Global Environmental Law: Issues of Sustainability and Equity*	5	20
Plus			
20 credits from List A			

* Compulsory for Specialisation in Environmental Law and Governance.

Specialisation in Competition Law

Module Code	Module Title	Level	Credits
XXXXX	Competition Law of the UK and EU*	5	20
M9897	Competition Law and the State*	5	20
Plus			
20 credits from List A			

* Compulsory for Specialisation in Competition Law

Specialisation in Internet Law and Policy Law

Module Code	Module Title	Level	Credits
M9895	Competition Law and the Digital Economy*	5	20
M9894	Competition Law*	5	20
Plus			
20 credits from List A			

* Compulsory for Specialisation in Internet Law and Policy Law

Specialisation in Public Law

Module Code	Module Title	Level	Credits
M9989	Human Rights Protection in the UK*	5	20
M9990	International Human Rights Law*	5	20
Plus			
20 credits from List A			

* Compulsory for Specialisation in Public Law

Examination, Progress and Final Assessment

- Before proceeding to the doctoral thesis stage, students are normally required to have passed all taught modules.

7. Students must have passed, Advanced Study Design and Research Proposal, at the first attempt.
8. A student who fails to fulfil this requirement has the right of re-examination in line with the University Core Regulations for Professional Doctorates at Masters level.
9. Students are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
10. Students will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the programme before being permitted to proceed to the thesis.
11. Students who fail to satisfy the Board of Examiners in any taught modules may, in the light of overall performance, be permitted one further attempt to pass the relevant modules normally within one year of the first attempt.
12. The final award will be based on performance in the coursework, the thesis and an oral examination.

Award

13. In order to qualify for the award of degree of DProf, a student must have performed to the satisfaction of the Board of Examiners by passing both DProf core modules with the second core module XXXX 'Advanced Study Design and Research Proposal' passed at the first submission and must have accumulated no fewer than 540 credits at Level 5, of which 360 must have been awarded in respect of the Thesis (60,000 words).
14. A student who has completed the work for the DProf but has failed to satisfy the examiners at doctoral level, may be considered by the Board Examiners for transfer to, and the award of, the MSc Advanced Practice.

Transfer

15. A student who has accumulated no fewer than 180 credits in the taught component of the programme course will be eligible for the exit award of MSc in Advanced Practice.
16. A student who has accumulated no fewer than 120 credits in the taught component of the programme will be eligible for the exit award of Postgraduate Diploma in Advanced Practice.
17. A student who has accumulated no fewer than 60 credits in the taught component of the programme will be eligible for the exit award of Postgraduate Certificate in Advanced Practice.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

EDUCATIONAL PSYCHOLOGY

Doctor of Educational Psychology

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a MSc in Educational Psychology; or
 - ii. a qualification and experience deemed by the Head of Department action on behalf of Senate to be equivalent to (i) above; and
 - iii. currently be engaged in work in the field as a practising Educational Psychologist.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The programme consists of at least 33 consecutive months study on a full-time basis.

The Board of Study may grant exemption of up to nine months of full-time study on the basis of performance on a two-year MSc in Educational Psychology programme recognised by the University for this purpose.

Mode of Study

4. Students undertake a full-time programme of research and fieldwork.

Curriculum

5. During the first stage of the programme, students must complete a portfolio of 3 pieces of small-scale research work carried out in practice. Students who hold a Master degree approved by the University will have this requirement waived by the Head of Department (or nominees) in accord with the University policy on Credit Transfer and Recognition of Prior Learning (RPL).
6. During the second stage of the programme, students must complete the research programme and a reflective self-evaluation report on their professional practice.

Examination, Progress and Final Assessment

7. To proceed to the second stage of the programme consisting of professional practice and the research programme a student must perform satisfactorily in the portfolio.

8. To proceed to the second stage of the thesis a student must submit both a satisfactory Research Proposal and a satisfactory Part 1 Literature Review.
9. Before being allowed to proceed to examination of the thesis a student must have received a satisfactory report from the Principal Educational Psychologist.
10. Students who do not satisfy the Curriculum requirements detailed above may be required to withdraw from the programme.
11. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) on examinations, progress, final assessment shall apply.

Award

12. The award of the degree of Doctor of Educational Psychology will be based on performance in both the Professional Practice elements (self-evaluation report, and the report of the Principal Educational Psychologist) and the thesis.
13. A candidate who has completed the work for the Doctor of Educational Psychology but has failed to satisfy the examiners at doctoral level, may be considered by the Examining Committee for transfer to, and the award of, the Master of Philosophy.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

RESEARCH METHODOLOGY IN BUSINESS AND MANAGEMENT

Master of Research in Research Methodology in Business and Management
Postgraduate Diploma in Research Methodology in Business and Management
Postgraduate Certificate in Research Methodology in Business and Management

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake a curriculum based on the accumulation of no fewer than 180 credits to be derived from the following compulsory and optional modules:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF992/BF830*	Research Methods	5	20
BF991/BFXXX*	Research Philosophy	5	20
BF984/BFXXX*	Research Colloquium	5	10
BF801/BF835*	Reviewing Literature in Business Subjects	5	10
Either			
BF994/BFXXX*	Introduction to Quantitative Methods: Survey Design and Analysis	5	10
And			
BF998/BFXXX*	Advanced Quantitative Methods	5	10
Or			
BF833/BFXXX*	Introduction to Qualitative Methods	5	10
And			

BF834/BFXXX	Advanced Qualitative Methods	5	10

**PGR students undertaking remote study options must choose from these modules.*

Optional Modules

Students should take 30/40 credits from this list so that total credits taken is 120.

For **ESRC** funded students only 20 credits to be chosen from the list below.

Module Code	Module Title	Level	Credits
BF977	Special Topics 1	5	20
BF978	Special Topics 2	5	20
BF979	Special Topics 3	5	20
BF989	Special Topic In Management Research	5	10
BF836*	Special Topic	5	10
RD905	Researcher Professional Development Elective	5	10
BF994	Introduction to Quantitative Methods: Survey Design and Analysis	5	10
BF998	Advanced Quantitative Methods	5	10
BF995	Advanced Qualitative Methods	5	20
BF988/BFXXX*	Writing-up Postgraduate Research	5	10
RD905	Researcher Professional Development Elective	5	10
EC981	Software for Research	5	10
EC971	Policy and Project Evaluation	5	10
AG944	Causality in Empirical Finance Research	5	10
AG930	Advanced Theories in Finance	5	20

Or other modules approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Student for the degree of MRes only:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF929	Research Project	5	60

Examination, Progress and Final Assessment

5. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the dissertation.
6. The final award will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award

7. **Degree of MRes:** In order to qualify for the award of the degree of MRes in Research Methodology in Business and Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Research Project BF929
8. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Research Methodology in Business and Management, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme curriculum, of which 80 must have been awarded in respect to the Compulsory Modules.
9. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Research Methodology in Business and Management, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme curriculum, which must include BF991 Research Philosophy and BF992 Research Methods.

Transfer

10. A candidate for the degree of MRes who fails to meet the requirements for the award of the degree may be transferred to the Postgraduate Diploma in Research Methodology in Business and Management.
11. A candidate who fails to satisfy the progress or award requirements for the Postgraduate Diploma in Research Methodology in Business and Management. will be eligible for the exit award of Postgraduate Certificate in Research Methodology in Business and Management.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION

Doctor of Business Administration (PKU)

Master of Philosophy in Business Administration

Master of Science in Practitioner Research in Business Administration

Postgraduate Diploma in Practitioner Research in Business Administration

Postgraduate Certificate in Practitioner Research in Business Administration

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to [the General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), successful applicants shall normally be experienced professional practitioners in their chosen field.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. See [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Mode of Study

4. This programme is available by part time study only.

Place of Study

5. Study will be undertaken at Peking University (China) with the support of University of Strathclyde staff.

Programme Structure

6. All students shall undertake the taught programme as detailed in regulations 6-8, followed by a period of research to be determined by the Board.

First Stage Curriculum

7. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF9XX	International Business and Finance	5	20
BF9XX	Macroeconomics for Business Leaders	5	20

BF9XX	Sustainability and Business	5	20

Second Stage Curriculum

8. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF9XX	Technology in Business and Finance	5	20
BF9XX	Global Innovations for International Businesses	5	20
BF9XX	Decision Analytics for Sustainability and Net Zero	5	20

Third Stage Curriculum

9. Students who satisfy the requirements of the First and Second Stage Curriculum shall progress to the Research Project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BF9XX	Research Methods and Dissertation/Project	6	60

Thesis Stage

10. Students must complete their research and prepare a thesis based thereon.

Module Code	Module Title	Level	Credits
BF814	DBA Thesis	6	360

Examination, Progress and Final Assessment

11. Students will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the programme before being permitted to proceed to the thesis.
12. If a student fails to fulfil this requirement, the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.
13. The final award will be based on performance in the coursework, the thesis and an oral examination.

Award

14. In order to qualify for the award of degree of Doctor of Business Administration, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 540 credits at Level 6, of which 360 must have been awarded in respect of the Thesis.
15. A candidate who has completed the work for the Doctor of Business Administration but has failed to satisfy the examiners at doctoral level, may be considered by the

Examining Committee for transfer to, and the award of, the Master of Philosophy in Business Administration.

16. A candidate who has completed the work for the Doctor of Business Administration and obtained no fewer than 180 credits at Level 5 but has failed to satisfy the examiners at doctoral level, may be considered by the Board Examiners for transfer to, and the award of, MSc in Practitioner Research in Business Administration.
17. A candidate who fails to satisfy the progress or award requirements for the Doctor of Business Administration but has obtained no fewer than 180 credits at Level 5 will be eligible for the exit award of MSc in Practitioner Research in Business Administration.
18. A candidate who fails to satisfy the progress or award requirements for the MSc of Business Administration but has obtained no fewer than 120 credits at Level 5 will be eligible for the exit award of Postgraduate Diploma in Practitioner Research in Business Administration.
19. A candidate who fails to satisfy the progress or award requirements for the Postgraduate Diploma of Business Administration but has obtained no fewer than 60 credits at Level 5 will be eligible for the exit award of Postgraduate Certificate in Practitioner Research in Business Administration.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

INFORMATION SCIENCE

Doctor of Information Science (DInfSci)

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), successful applicants shall possess:
 - i. a Master's degree in a relevant discipline from a university in the United Kingdom; or
 - ii. a qualification deemed by the Programme Director (or nominee) acting on behalf of Senate to be equivalent to (i) above; or
 - iii. be deemed by the Programme Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.
2. In addition, successful applicants shall also possess a relevant professional qualification; normally, at least 10 years' relevant experience.

Duration of Study

3. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the minimum duration of study will normally be:
 - i. for the degree of DInfSci by full-time study – 36 months
 - ii. for the degree of DInfSci by part-time study – 48 months
4. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the maximum duration of study will normally be:
 - i. for the degree of DInfSci by full-time study – 60 months
 - ii. for the degree of DInfSci by part-time study – 96 months.

Mode of Study

5. The programme is available by full-time and part-time study. All students undertake a curriculum comprising modules which are modular in nature and consist of formal tuition, independent study and supervised research.

Curriculum

6. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS9AA	Specialist Knowledge	5	60

CS9BB	Research Methods	5	60
CS9CC	Literature and Scholarship	5	60
CS9DD	Thesis	5	300

Examination, Progress and Final Assessment

7. Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
8. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the programme before being permitted to proceed to the thesis.
9. Candidates who fail to satisfy the Board of Examiners in any taught class may, in the light of overall performance, be permitted one further attempt to pass the relevant class normally within one year of the first attempt.
10. The final award will be based on performance in the programme work, the thesis and an oral examination.

Award

11. In order to qualify for the award of the degree of Doctor of Information Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 480 credits at Level 5, of which 300 must have been awarded in respect of the Thesis.

Transfer

12. A candidate who has accumulated no fewer than 120 credits in the taught component of the programme will be eligible for the exit award of Postgraduate Diploma in Practitioner Research in Information Science.
13. A candidate who has accumulated no fewer than 180 credits in the taught component of the programme will be eligible for the exit award of MSc in Practitioner Research in Information Science.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICAL SCIENCES

Master of Research in Mathematical Sciences Postgraduate Certificate in Mathematical Sciences

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to [the General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to [the General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply subject to the following requirements. Applicants shall possess:
 - (i) a first or second class Honours degree from a United Kingdom university (in Mathematics or a closely related subject); or
 - (ii) a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MM551	MRes Research Project	5	120

Optional Modules*

No fewer than 60 credits chosen from

Module Code	Module Title	Level	Credits
MM552	Applied Analysis and PDEs 1	5	15
MM553	Applied Analysis and PDEs 2	5	15

MM554	Applied Mathematics Methods 1	5	15
MM555	Applied Mathematics Methods 2	5	15
MM556	Mathematical Models 1	5	15
MM557	Mathematical Models 2	5	15
MM558	Pure Analysis 1	5	15
MM559	Pure Analysis 2	5	15
MM560	Statistics 1	5	15
MM561	Statistics 2	5	15
MM562	Probability 1	5	15
MM563	Probability 2	5	15

*Such other Level 5 modules as may be approved by the Programme Director.

Examination, Progress and Final Assessment

- Students are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and the Examining Committee in the dissertation or report or design or project.
- At all stages of the programme, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

Award

- MRes:** In order to qualify for the degree of MRes, a student must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project MM551.
- Postgraduate Certificate in Mathematical Sciences:** In order to qualify for the award of PGCert in Mathematical Sciences a student must have accumulated no fewer than 60 credits from the taught curriculum.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

APPLICATIONS OF NEXT GENERATION ACCELERATORS

PhD in Applications of Next Generation Accelerators

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

This degree is part of a collaborative EPSRC initiative comprising the University of Strathclyde, the University of Huddersfield, the Queen's University Belfast and the University of Surrey with additional teaching provided by the Scottish Universities Physics Alliance and The Cockcroft Institute at Daresbury. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University. It is assumed that all modules offered by the external partners have been through the appropriate QAA processes

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Duration of Study

2. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Mode of Study

3. The programme is available by full-time study only.

Place of Study

4. Students will spend approximately 90% of their time undertaking a well-defined research project and 10 % of their time undertaking a placement in either an industrial or clinical environment.

Curriculum

5. All students shall undertake research projects together with the following

First Year

All students shall undertake an approved curriculum of at least 180 comprising classes offered by Strathclyde and the partner institutions as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
PH980	Group Project	5	30
PH981	Individual Project	5	30

PH983	Accelerators	5	5

Offered by Huddersfield, Queen's University Belfast and Surrey

Module Title	Credits
Biomedical Accelerator Applications	15
Energy & Security Applications	15
Research Skills 1	15
Research Skills 2	15
Radiation Physics	15
Radiation Biology	15
Cockcroft Lectures	10

Optional Modules

No fewer than 15 credits chosen from the modules listed under the Centre for Doctoral Training.

Second Year

All students shall commence their doctoral research project and undertake an approved curriculum as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
PH986	Project 3	5	15

Third and Fourth Years

All students shall continue a doctoral research project.

Modules offered by members of the Centre for Doctoral Training

Strathclyde

Module Code	Module Title	Level	Credits
PH984	Plasma Physics A	5	5
PH985	Laser Driven Plasma Accelerators	5	5

Scottish Universities Physics Alliance

Module Title	Credits
Mathematical Modelling	5
Nuclear Instrumentation	5

Discussion Classes	5

Surrey

Module Title	Credits
Computers in Medicine and Safety Issues	15
Applications of Ionising Radiation	15

Queen's University Belfast

Module Title	Credits
Plasma Physics B	20
Physics and Medicine	20
Medical Physics and Applications	20

Progress

6. In order to proceed to the second year of the programme, a student must have performed at the appropriate standard and achieved at least 180 credits from the programme curriculum.
7. In order to proceed to the third year of the programme, a student must normally have accumulated at least 195 credits from the programme curriculum. A student must also satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.
8. In order to proceed to the fourth year of the programme, a student must satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.

Award

9. **Degree of PhD:** In order to qualify for the award of the degree of **PhD in Applications of Next Generation Accelerators**, a candidate must have performed to the satisfaction of the Board of Examiners and must have:
 - (i) accumulated at least 195 credits from the programme curriculum
 - (ii) submitted a suitable thesis, and
 - (iii) performed satisfactorily in an oral examination.
10. **Degree of MPhil:** In order to qualify for the award of the degree of **MPhil in Applications of Next Generation Accelerators**, a candidate must have performed to the satisfaction of the Board of Examiners and must have:
 - (i) accumulated at least 195 credits from the programme curriculum, and
 - (ii) submitted a suitable thesis and if necessary, performed satisfactorily in an oral examination.

Transfer

11. A student who does not perform at the appropriate standard defined by the Centre for Doctoral Training Management Executive Committee will be transferred to either the MSc, Postgraduate Diploma or Postgraduate Certificate in Applications of Next Generation Accelerators.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

Master of Research in Physics
Postgraduate Diploma in Physics
Postgraduate Certificate in Physics

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply subject to the following requirements. Applicants shall possess:
 - (i) a first or second class Honours degree from a United Kingdom university (in Physics or a closely related subject); or
 - (ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. Projects will be on a subject matter that relates to the research interests of the Department.
6. All students shall undertake a curriculum based on the accumulation of no fewer than 180 credits, to be derived from the following compulsory and optional modules.

Compulsory Modules

Module Code	Module Title	Level	Credits
PH987	Project	5	120
	AND		
PH551	Research Skills	5	20

	OR		
PH949	Physics Skills	5	20

Optional Modules

7. All students shall take modules amounting to 40 credits chosen from the level 5 modules offered by the Department of Physics or other level 5 modules relevant for their research area as approved by the Adviser of Studies.

Examination, Progress and Final Assessment

8. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Project.
9. The final award will be based on performance in the examinations, coursework, and the Project.

Award

10. Degree of **MRes in Physics**: In order to qualify for the degree of MRes in Physics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Project PH987.
11. **Postgraduate Diploma**: In order to qualify for the award of Postgraduate Diploma in Physics students must have achieved no fewer than 120 credits.
12. **Postgraduate Certificate**: In order to qualify for the award of Postgraduate Certificate in Physics students must have achieved no fewer than 60 credits.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

DOCTOR OF PHILOSOPHY WITH INTEGRATED STUDY IN PURE AND APPLIED CHEMISTRY

1. This programme is delivered jointly by the University of Edinburgh and the University of Strathclyde, and the award is made in the name of both Universities. The Regulations are drawn up consequent upon a Memorandum of Agreement which has been approved by Senate.
2. The taught component of the programmes may be delivered at university campuses or at independent work sites but all classes are taught by staff from the two Universities.
3. The administering university is the University of Edinburgh. As outlined in the Memorandum of Agreement students shall be subject to the regulations of the University of the student's first supervisor.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

DOCTOR OF PHILOSOPHY PLUS POSTGRADUATE CERTIFICATE

Doctor of Philosophy for Research plus Postgraduate Certificate in Learning and Teaching in Higher Education

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Credit Transfer and RPL

2. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the Board of Study may grant exemption of up to twelve months of full-time study and an equivalent time in part-time study on the basis of professional experience and performance on an appropriate postgraduate Masters programme.

Mode of Study

3. The programme is available by full-time study.

Place of Study

4. The doctoral research project may take place within University of Strathclyde or at the place of employment approved by the Board of Study.
5. The postgraduate certificate and doctoral research will normally take place within the University of Strathclyde.

Curriculum

6. All students shall undertake an approved curriculum as follows:

In addition to their doctoral research students will undertake the following modules over their four years of study.

Module Code	Module Title	Level	Credits
X9894	Teaching, learning and assessment within the disciplines	5	20
X9895	Course (re)design	5	20
X9898	Supervising Post Graduate Research	5	20

7. All students shall undertake a doctoral research project.

Examination, Progress and Final Assessment

8. Candidates are required to pass all modules and to perform to the satisfaction of the Board of Examiners in the PG Certificate in Education.

Award

9. **Degree of PhD plus PG Cert in Learning and Teaching in Higher Education:** In order to qualify for the award of the degree of Doctor of Philosophy, a candidate must have performed to the satisfaction of the Examining Committee as defined in the [General Academic Regulations - Postgraduate Research Degree Regulations](#) and have been awarded the 60 credits for the PG Certificate in Learning and Teaching in Higher Education.
10. These modules are taken in addition to those associated with the Researcher Professional Development programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACY

Doctor of Pharmacy

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply. In addition, applicants are required to be registered as practising pharmacists in the UK, EU (including EEA countries) or from countries outside the EU recognised by Senate as meeting the current entry requirements of the MSc/MRes in Clinical Pharmacy.

Credit Transfer and RPL

2. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), the Board of Study may grant exemption of up to twelve months of full-time study and an equivalent time in part-time study on the basis of professional experience and performance on an appropriate postgraduate Masters programme.

Mode of Study

3. The programme is available by full-time and part-time study.

Place of Study

4. The doctoral research project may take place within Strathclyde or at the place of employment approved by the Board of Study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

First Year

Compulsory Modules

Module Code	Module Title	Level	Credits
MP932	Clinical Skills	5	60
MP933	Research Skills	5	60
MP934	Literature Review	5	60

Second, Third and Fourth Years

All students shall undertake a doctoral research project.

Examination, Progress and Final Assessment

6. Candidates are required to pass modules and to perform to the satisfaction of the Board of Examiners in the taught component of the programme.
7. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year. The Board of Examiners will determine whether the re-sit should take the form of an examination or an assignment.
8. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project. In addition, a candidate must perform satisfactorily before an Examining Committee in an oral examination based on a piece of original research submitted to the University of Strathclyde as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

Award

9. Degree of **DPharm**: In order to qualify for the award of the degree of Doctor of Pharmacy, a candidate must have performed to the satisfaction of the Examining Committee and must have accumulated no fewer than 180 credits from the first year of study.
10. Degree of **MPhil**: a candidate who fails to satisfy the award requirements for the award of DPharm may be eligible for the award of Master of Philosophy (MPhil), see General Academic Regulations - [Postgraduate Research Degree Regulations](#)

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

CYBER-PHYSICAL SYSTEMS FOR MEDICINES DEVELOPMENT AND MANUFACTURING (CEDAR)

Doctor of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing

Master of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

This degree is part of a collaborative EPSRC initiative comprising the University of Strathclyde, the University of Sheffield, the University of Leeds and Imperial College of London. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University.

Admission

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply

Duration of study

2. The [General Academic Regulations - Postgraduate Research Degree Regulations](#) shall apply.

Mode of study

3. The programme is available by full-time and part-time study.

Place of study

4. In accordance with the [General Academic Regulations - Postgraduate Research Degree Regulations](#) some off-campus work is required as part of the module delivery and the option to undertake an Industrial Placement.

Curriculum

5. All students shall undertake an approved curriculum of at least 60 credits comprising modules offered by Strathclyde and the partner institutions as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MP840	Core and Advanced Multi-disciplinary Technical and Digital Skills	5	30
MP841	Industrial and Regulatory Practice	5	15
MP842	Personal Development Skills	5	15

Progress

6. To progress to the second year of the programme, a full-time student should have accumulated 30 credits.
7. Each year, a progression review will be held (typically at the CMAC Summer School) to ensure that the student is progressing as expected with their research project and training and that there are no foreseeable issues preventing the student from completing both their PhD and the 60-credit training programme within the remaining timeframe of their studies.

Award

8. **Degree of PhD:** To qualify for the award of the degree of **PhD in Cyber-Physical Systems for Medicines Development and Manufacturing**, a student must have:
 - i. Accumulated at least 60 credits from the programme curriculum
 - ii. Submitted a suitable thesis, and
 - iii. Performed satisfactorily in an oral examination.
9. **Degree of MPhil:** A student who fails to satisfy the award requirements for the award of PhD in Cyber-Physical Systems for Medicines Development and Manufacturing may be eligible for the award of Master of Philosophy (MPhil) in Cyber-Physical Systems for Medicines Development and Manufacturing. To qualify for the award, a student must have:
 - i. Accumulated at least 20 credits from the programme curriculum
 - ii. Submitted a suitable thesis, and
 - iii. Performed satisfactorily in an oral examination.