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|  | General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2019-20 |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Version No. | Description | Author | Approval | Effective Date | | 1.0 | General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2019-20 | Academic Regulations Review Group | n/a | 01 Aug 2019 | | |
| 1/08/2019 | Version 1.0 |
|  | General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2019-20.  (Course Regulations 19-30 covering the postgraduate, continuing education and sub-degree courses of the four Faculties)  **the place of useful learning**  The University of Strathclyde is a charitable body, registered in Scotland, number SC015263 |

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General Regulations for Taught Masters Degrees, Postgraduate Diplomas and Postgraduate Certificates

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MSc in Forensic Science Studies

MSc in Forensic Science (Distance Learning)

MSc in Optical Medical Imaging Entrepreneurship

**19.13 DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

MSc in Information and Library Studies

MSc in Information Management

MSc in Advanced Computer Science

MSc in Advanced Software Engineering

MSc in Enterprise Information Systems MSc in Digital Health Systems

MSc in Software Development

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MSc in Cyber Security

**19.15 DEPARTMENT OF MATHEMATICS AND STATISTICS**

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MSc in Applied Statistics

MSc in Actuarial Science

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MSc in the Analysis of Medicines

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MSc in Biomedical Sciences

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MSc in System Level Integration

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**19.44 DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

MSc in Environmental Engineering

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MSc in Civil Engineering MSc in Civil Engineering with Structural Engineering and Project Management

MSc in Civil Engineering with Geotechnical Engineering and Project Management

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Postgraduate Certificate in Integrated Pollution Prevention and Control

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MSc in Civil Engineering with Industry with Geotechnical Engineering & Project Management

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**19.45 DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

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MSc in Engineering Management for Process Excellence

MSc in Systems Engineering Management

MSc in Supply Chain and Logistics Management

MSc in Supply Chain and Procurement Management

MSc in Supply Chain and Sustainability Management

MSc in Global Innovation Management

Postgraduate Diploma in Global Innovation Management

MSc in Lean Six Sigma for Process Excellence

MSc in Advanced Manufacturing: Technology and Systems

MSc in Advanced Manufacturing: Forging and Forming

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MSc in Digital Manufacturing

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Postgraduate Diploma in Global Design Innovation

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MSc in Technology Ventures with Systems Engineering Management

MSc in Technology Ventures with Digital Manufacturing

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MSc in Electrical Power and Energy Systems

MSc in Electricity Industry Management and Technology

MSc in Electronic and Electrical Engineering

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MSc in Communications Technology and Policy

MSc in Wind Energy Systems

MSc in Advanced Electrical Power and Energy Systems

MSc in Autonomous Robotic Intelligent Systems

MSc Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering (Erasmus Mundus)

MSc in Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems (Erasmus Mundus)

MSc in Machine Learning and Deep Learning

MSc in Smart Grids

**19.47** **DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

MSc in Advanced Mechanical Engineering with Aerospace

MSc in Advanced Mechanical Engineering with Energy Systems

MSc in Advanced Mechanical Engineering with Materials

MSc in Advanced Mechanical Engineering with Power Plant Technologies

MSc in Advanced Mechanical Engineering with Industrial Placement MSc in Advanced Mechanical Engineering

[MSc in Satellite Applications](#MSc_in_Satellite_Applications)

[MSc in Satellite Applications with Data Science](#MSc_in_Satellite_Applications)

**19.49 DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

MSc in Marine Engineering

MSc in Technical Ship Management

MSc in Offshore Floating Systems

MSc in Subsea and Pipeline Engineering

MSc in Ship and Offshore Structures

MSc in Ship and Offshore Technology

Postgraduate Diploma in Ship and Offshore Technology

MSc in Advanced Naval Architecture

**STRATHCLYDE BUSINESS SCHOOL**

**19.81** **DEPARTMENT OF ACCOUNTING AND FINANCE**

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**19.82 DEPARTMENT OF ECONOMICS**

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MSc in Human Resource Management

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MSc in Hospitality and Tourism Leadership

MSc Managing Human Resources

MSc in Human Resources and International Management

**19.92 DEPARTMENT OF STRATEGY AND ORGANISATION**

Master of Business Administration

Master of Business Administration with Specialisation in Leadership Studies

Postgraduate Diploma in Business

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**19.93 DEPARTMENT OF MANAGEMENT SCIENCE**

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MSc in Project Management (International)

MSc in Data Analytics

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MSc in Marketing

MSc in International Marketing

MSc in International Management with Specialisation in Customer Management

MSc in Tourism Marketing Management

MSc in Innovation & Marketing Management

**FACULTY OF HUMANITIES AND SOCIAL SCIENCE**

**19.121 SCHOOL OF EDUCATION**

Master of Education (MEd) degree portfolio

Master of Education

Postgraduate Certificate in Philosophy with Children

Postgraduate Certificate in Supporting Bi-Lingual Learners in the Mainstream Classroom

Postgraduate Certificate in Supporting Teacher Learning

Postgraduate Certificate in Securing Children’s Futures

Postgraduate Certificate in Engineering STEM Learning

Postgraduate Certificate in Social Research Methods

MSc in Applied Educational and Social Research

MSc in Chartered Teacher Studies

MSc in Genealogical, Palaeographic and Heraldic Studies

MSc in Safety and Risk Management

Postgraduate Certificate in Safety and Risk Management Leadership

SPARK (Strathclyde Programme in Academic Practice, Researcher Development and Knowledge Exchange)

Postgraduate Diplomas and Associated Postgraduate Certificates Advanced Academic Studies (Part-time) MSc in TESOL and Intercultural Communication

Postgraduate Certificate in Educational Issues and Impact

Postgraduate Certificate in Educational Issues, Impact and Immersion

MSc in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People

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Postgraduate Certificate in Education (International)

**19.123 SCHOOL OF HUMANITIES**

MLitt in Media and Communication

MLitt in Literature, Culture and Place

MLitt in Creative Writing

MSc in Health History

MSc in Historical Studies

MLitt in Digital Journalism

MSc in Business Translation and Interpreting

MSc in Applied Gender Studies

[MLitt in Interdisciplinary English Studies](#MLitt_Interdisciplinary_English_Studies)

MSc in Diplomacy and International Security

**19.128 SCHOOL OF LAW**

LLM in Construction Law LLM in Internet, Law and Policy

LLM in Information Technology and Telecommunications Law

LLM in Human Rights Law LLM in Mediation and Conflict Resolution

MSc in Mediation and Conflict Resolution Postgraduate Diploma in Professional Legal Practice

LLM in Criminal Justice & Penal Change

MSc in Criminal Justice & Penal Change

LLM in Professional Legal Practice LLM in Law and Finance

LLM in Global Environmental Law and Governance

LLM in International Commercial Law

LLM in Law LLM in Law of the Sea, Sustainable Development and International Law

LLM in Legal Research Skills and Methods

LLM in Climate and Energy Law

**19.130 SCHOOL OF GOVERNMENT AND PUBLIC POLICY**

MSc/LLM in International Relations, Law and Security

MSc in Public Policy

MSc in Political Research

MSc in International Relations MSc in European Politics

MSc in Politics

MPA in Public Administration

MSc in Applied Public Policy

MSc in Global Sustainable Cities

**19.132 SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH**

MSc in Educational Psychology

MSc in Research Methods in Psychology

MSc Clinical Health Psychology

MSc Psychology with a specialisation in \*

MSc in Physical Activity in NCD Prevention and Control

MSc in Counselling and Psychotherapy

MSc in Counselling

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**19.133 SCHOOL OF SOCIAL WORK AND SOCIAL POLICY**

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MSc in Social Policy (Research Methods)

MSc in Child and Youth Care Studies MSc in Social Work (Research Methods)

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MSc in Family Therapy and Systemic Practice

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MRes in Mathematical Sciences

**20.16 DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

PhD with Integrated Study in Optical Medical Imaging with Healthcare Innovation and Entrepreneurship

PhD in Pharmaceutical Technology

**20.17 DEPARTMENT OF PHYSICS**

MRes in Physics

MRes in Physics (in specific research area)

**20.18** PhD in Applications of Next Generation Accelerators

**20.22 STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

MRes in Biochemistry

MRes in Immunology

MRes in Microbiology

MRes in In Vivo Sciences

MRes in Neuroscience

MRes in Parasitology

MRes in Pharmacology

MRes in Drug Delivery Systems

MRes in Drug Discovery

MRes in Toxicology

MRes in Clinical Pharmacy

Doctor of Pharmacy

**20.23 DEPARTMENT OF COMPUTER AND INFORMAITON SCIENCES**

Doctor of Information Science (DInfSCi)

**FACULTIES OF SCIENCE AND ENGINEERING: JOINT COURSES**

20.30

Doctor of Engineering in System Level Integration

**FACULTY OF ENGINEERING**

**20.40 FACULTY COURSES**

MRes in Engineering

Doctor of Engineering in Nuclear Engineering

Doctor of Engineering in Sensors and Imaging Systems

Doctor of Engineering in Non Destructive Evaluation

**20.41 DEPARTMENT OF ARCHITECTURE**

Master of Research in Building Design and Management for Sustainability

**20.42 DEPARTMENT OF BIOMEDICAL ENGINEERING**

MRes in Biomedical Engineering

MRes in Biomedical Engineering with Biomechanics

MRes in Biomedical Engineering with Cell and Tissue Engineering

MRes in Biomedical Engineering with Medical Devices

MRes in Biomedical Engineering with Prosthetics and Orthotics Technologies

Doctor of Engineering (EngD) in Medical Devices

MRes in Medical Technology

MRes in Biofluid Mechanics

**20.44 DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

MRes in Geoenvironmental Engineering

MRes in Integrated Pollution Prevention and Control

MRes in Climate Change Adaptation

**20.45 DEPARTMENT OF DESIGN MANUFACTURE AND ENGINEERING MANAGEMENT**

Doctor of Engineering (EngD) in Systems Engineering Management

Doctor of Engineering (EngD) in Advanced Manufacturing: Forging and Forming

**20.46 DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

MRes in Wind Energy Systems

MRes in Future Power Networks and Smart Grids

Postgraduate Certificate in Future Power Networks and Smart Grids

Doctor of Engineering in Applied Photonics

PhD in Applied Photonics

**20.47 DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING**

Doctor of Engineering (EngD) in Renewable Energy Marine Structures

**STRATHCLYDE BUSINESS SCHOOL**

**20.80 FACULTY COURSES**

Doctor of Business Administration

MRes in Research Methodology in Business and Management

MRes in Research Methodology in Business and Management (Risk and Reliability)

Postgraduate Diploma in Research Methodology in Business and Management

Postgraduate Diploma in Research Methodology in Business and Management (Risk and Reliability)

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Postgraduate Certificate in Research Methodology in Business and Management (Risk and Reliability)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**20.120 FACULTY COURSES**

Master of Research (MRes)

Doctor of Education (EdD)

Doctorate of Education (EdD) specialism Supporting Teacher Learning

Doctorate of Education (EdD) specialism Philosophy with Children

Doctorate of Education (EdD) specialism Autism

Doctorate of Education (EdD) specialism Early Years Pedagogue

Doctorate of Education (EdD) specialism Inclusive Education

Doctorate of Education (EdD) specialism Educational Leadership

Doctorate of Education (EdD) specialism Digital Technology

Doctorate of Education (EdD) specialism Bilingual Education

Doctorate of Education (EdD) specialism Philosophy and Culture

Professional Doctorate in Counselling Psychology

**20.132 SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH**

Doctor of Educational Psychology

MRes in Social Research

**22.1 CONTINUING EDUCATION**

Certificate of Continuing Education

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

Certificate of Continuing Education in French

Certificate of Continuing Education in Italian

Certificate of Continuing Education in Spanish

Certificate of Applied Language Study in French

Certificate of Applied Language Study in Italian

Certificate of Applied Language Study in Spanish

**STRATHCLYDE BUSINESS SCHOOL**

**22.92 DEPARTMENT OF ECONOMICS**

Certificate of Continuing Education in Economics

Certificate in Leadership Through MCR Pathways

Postgraduate Study

19 General Regulations for Taught Masters Degrees, Postgraduate Diplomas and Postgraduate Certificates

The University confers the following awards by the authority of the Senate under Ordinances 3, 4 and 5 in accordance with the following Regulation 19.1.

Taught Degrees [Degrees with a predominant or significant taught content]

Master in Management (MiM)

Master of Architecture (MArch)

Master of Arts (MA)

Master of Business Administration (MBA)

Master of Communications Management (MCM)

Master of Education (MEd)

Master of Environmental Studies (MEnvS)

Master of Laws (LLM)

Master of Letters (MLitt)

Master of Science (MSc)

Master of Technology Management (MTM)

Taught Diplomas and Certificates

Postgraduate Diploma, Postgraduate Certificate

*Notes*

*1 Decisions on admission are taken by Course Directors (or nominee)*

*2 Decisions on awards are taken by Boards of Study on behalf of the Senate.*

*3 All decisions taken by the Boards of Study, acting on behalf of Senate, shall subsequently be reported to Senate.*

*4 All decisions taken by Boards of Examiners acting on behalf of the relevant Board of Study shall subsequently be reported to that Board.*

*5 Where reference is made in Regulations to information in Course Handbooks, that information shall have been approved by the relevant Board of Study.*

*6 In interpreting these regulations, regard should be given to the University’s Academic Policies, Procedures and Guidelines and, where appropriate, Course Handbooks. Students shall also have regard to the University’s Constitutional Regulations.*

*7 In the unlikely event of any conflict between the Regulations and other University publications including Course Handbooks, Regulations take precedence.*

19.1 General Regulations for Postgraduate Awards by Instruction

[The following General Regulations should be read in conjunction with the regulations governing specific courses]

Admission

19.1.1 Applicants shall normally:

(i) possess a degree (or in the case of direct entry to a Masters programme, a first or second class honours degree) from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or

(iii) be deemed, by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above

19.1.2 In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

The University will operate a screening procedure for applicants in respect of criminal convictions.

Courses which involve students in contact with children under 18 or vulnerable adults will require students to be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, to apply for an update.

19.1.3 Applicants who satisfy the provisions of Regulation 19.1.1 may, in addition, be required to have had a period of relevant experience acceptable to the Senate.

Credit Transfer and Recognition of Prior Learning (RPL)

19.1.4 The relevant Course Director (or nominee) may admit applicants and/or approve exemption from part of a course by credit transfer or RPL provided this is done in accordance with University procedures and against criteria defined on a course by course basis.

Credit granted for credit transfer or RPL may only be used once and, when used to gain exemption, will normally relate to achievements within 5 years of registration on a University of Strathclyde programme.

Exemption granted on the basis of credit transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall be preferably no greater than 34% and normally not exceed 50% of the credits appropriate to the course. Exceptionally, by formal resolution, the Senate may approve up to 67% exemption in special circumstances.

Where any such exemption is granted, the Board of Study, acting on behalf of Senate, may approve an appropriate reduction in the minimum period of study.

Minimum Periods of Study

19.1.5 The minimum period of study shall normally be as follows:

*For full-time study*

Masters by full-time study 12 months

PG Diploma by full-time study 8 months

PG Certificate by full-time study 4 months

For part-time study, the minimum period of study shallbe the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The overall duration of study will normally be greater than for full-time study.

Maximum Periods of Study

19.1.6 Unless specifically stated otherwise in the relevant course regulations, students shall be required to complete their course including the submission of any dissertation, design or report within a prescribed period from the date of the student’s registration as follows:

*For full-time study*

Masters by full-time study 36 months

PG Diploma by full-time study 24 months

PG Certificate by full-time study 12 months

*For part-time study*

Masters by part-time study 60 months elapsed time

PG Diploma by part-time study 48 months elapsed time

PG Certificate by part-time study 24 months elapsed time

Exceptionally, the maximum period of study may be extended by Senate on the recommendation of the Board of Study.

Mode of Study

19.1.7 Courses may be offered on a full-time and/or part-time basis.

At the discretion of the relevant Board of Study on the recommendation of the relevant Course Director (or nominee), a student may transfer from full-time to part-time study and vice-versa where an appropriate course is available, at which time the relevant minimum and maximum periods of study will be reviewed.

Place of Study

19.1.8 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 (see Regulation 20.6 and University Guidelines and Procedures for collaborative provision leading to awards or joint awards of the University).

Course Structure and Curriculum

19.1.9 Each candidate for an award must follow the curriculum as prescribed in the relevant course regulations. These may be amended from time to time by the Senate on the recommendation of the relevant Board of Study.

19.1.10 In accordance with the University Awards Framework, individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

19.1.11 The structure of taught courses shall normally accord with the following table

|  |  |  |
| --- | --- | --- |
| **Award** | **Credit Requirements** | **Minimum Level Requirement** |
| Postgraduate Certificate | 60 | 50 credits at Level 5 |
| Postgraduate Diploma | 120 | 100 credits at Level 5 |
| Masters Degree | 180 | 150 credits at Level 5 |

Notes:

1 For a typical student one credit equates to approximately 10 hours of total student effort.

2 In certain circumstances, for example to meet professional accreditation requirements, the credit requirement may exceed the above framework.

19.1.12 The curriculum of every student must be approved in advance by the relevant Course Director or equivalent acting on behalf of the relevant Board of Study.

19.1.13 Where a pass in a particular class is a necessary condition for progress or for an award, this shall be clearly stated in the relevant course regulations.

19.1.14 The curriculum may include a design or other project or a dissertation.

19.1.15 Course delivery, materials, assessed work and oral examination shall be in English unless stated otherwise in individual course regulations and published in the Course Handbook.

19.1.16 Notwithstanding the provisions of Regulation 19.11.12, where unlisted optional classes may be chosen as part of the curriculum, the approval of the Head of Department (or nominee) responsible for offering each class is also required.

19.1.17 The University cannot guarantee that all optional classes will be available in any given academic year. The choice of classes 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 classes passed.

19.1.18 In order to qualify for a University of Strathclyde award, a student who has been granted exemption from part of a University of Strathclyde course through credit transfer or RPL (in accord with Regulation 19.1.3) must gain from the University of Strathclyde course curriculum a minimum of one-third of the overall credit requirement for that award.

Dissertation

19.1.19 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 course before being permitted to proceed to the dissertation. 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 Course Handbook.

19.1.20 Any dissertation submitted under the provisions of Regulation 19.1.19 must be written in English. Exceptionally, having regard to the nature and content of the dissertation, the Board of Study concerned, acting on behalf of Senate, may permit submission in another language, in which case a translation of the abstract as a minimum into English must accompany the dissertation.

Attendance and Performance

19.1.21 Every applicant admitted to a course of study shall be required to attend regularly and to perform satisfactorily the work of each class in their curriculum.

19.1.22 A student has an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

19.1.23 A student who, in the opinion of the Head(s) of the Department(s) offering a class and the relevant Vice Dean Academic, does not satisfy the requirements as to attendance and to performance and having been informed in writing, shall not be entitled to take the examination in the subject of that class and shall be so informed.

19.1.24 Notwithstanding Regulation 19.1.23, a student may subsequently be permitted by the Course Director (or nominee) to take the examination in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

Examinations and Assessment

19.1.25 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 meet under the Convenership of the Course Director or Head of Department.

19.1.26 A student shall normally complete the assessments during the academic year in which the classes were undertaken unless permitted by the relevant Board of Study to postpone the assessment.

19.1.27 Classes shall be assessed by

(i) coursework assignments; or

(ii) written examinations; or

(iii) oral examinations; or

(iv) any combination of the above

unless specified otherwise in the relevant Course Handbook.

19.1.28 Except where a course includes an integrative/reflective class that will draw on work in other classes, each item of work may only be assessed in one class.

19.1.29 Candidates are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and in the case of candidates for the degree of Master, in the dissertation or project.

19.1.30 A student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide. The nature of re-assessment shall be identified in module descriptors and/or Course Handbooks. The attempt shall normally be made at the next available diet of examinations.

Exceptionally, candidates for taught masters degrees who fail to satisfy the Board of Examiners may, in the light of their overall performance and subject to the approval of the Board of Examiners, be permitted to revise and re-submit their dissertation, normally within one year of the first submission.

19.1.31 Notwithstanding Regulation 19.1.30, Boards of Examiners may exceptionally permit alternative forms of re-assessment for a class where they consider it to be in a student’s interest.

The Board of Examiners may also require the student to re-attend the class.

19.1.32 The Board of Examiners may discount an attempt for a class where appropriate medical or other evidence has been provided subject to report to the relevant Board of Study.

19.1.33 At the discretion of the Board of Examiners or Course Director (or nominee), and, where appropriate, in conjunction with the External Examiner, a student may be required to attend and participate in an oral examination.

Award of Credits

19.1.34 The relevant Board of Examiners shall award the credits for the classes passed.

Progress of Students

19.1.35 Details of any required minimum level of performance to permit a student to progress from Certificate to Diploma and from Diploma to Masters are shown in individual course regulations hereafter.

19.1.36 To proceed to the next year of a course, a full-time student must normally accumulate the minimum number of credits in accordance with the following general framework

|  |  |
| --- | --- |
| **Progression** | **Minimum Number of Credits Required** |
| First – Second Year | 90 |

Individual courses may specify minimum credit numbers greater than those given above in which case these shall be given in the relevant course regulations.

Where a course is available on a part-time basis, progress requirements shall be specified in the relevant course regulations.

Where credits in particular classes are required for progress, these shall be specified in the relevant course regulations.

19.1.37 Candidates for the degree of Master will normally be expected to perform to the satisfaction of the Board of Examiners on the taught components of the course before being permitted to proceed to the project and/or dissertation. Notwithstanding Regulation 19.1.30, a candidate may be subject to a restriction in the number of classes that may be re-assessed.

19.1.38 Subject to prior approval of the Senate, Boards of Study may permit a Board of Examiners to apply compensation procedures according to prescribed criteria. In such cases, the criteria shall be detailed in the Course Handbooks.

19.1.39 The Board of Examiners, acting on behalf of Senate, shall ratify one of the following

(i) award of the appropriate degree, diploma or certificate with distinction;

(ii) award of the appropriate degree, diploma or certificate with merit;

(iii) award of the appropriate degree, diploma or certificate;

(iv) progress to subsequent stages of the course;

(v) withholding of the award of the degree or other qualification pending further study or submission/resubmission of assignments;

(vi) transfer or termination of registration.

Transfer of Registration, Suspension and Withdrawal

19.1.40 Where a candidate 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

(i) require that registration be transferred to Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or

(ii) suspend a student from attendance at classes but require them to undertake assessments in accord with Regulations 19.1.30 – 19.1.32 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 course; or

(iii) recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate); or

(iv) terminate the student’s registration and require the student to withdraw.

19.1.41 On the recommendation of the relevant Course Director (or nominee), the relevant Vice Dean Academic may permit a student to undertake voluntary suspension for the whole or part of an academic year or transfer to part-time study subject to this mode of study being available.

19.1.42 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

19.1.43 On the recommendation of the relevant Course Director (or nominee), the Board of Study may approve transfer of a student’s registration between

(i) a Masters degree

(ii) a Postgraduate Diploma;

(iii) a Postgraduate Certificate.

as appropriate, subject to a related course being available.

The Board of Study shall determine what recognition towards the fulfillment of the requirements may be given to the period that the student has completed.

19.1.44 Where a candidate for 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 Course Director or Board of Examiners, may

(i) permit registration to be transferred to Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or

(ii) recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate); or

(iii) terminate the candidate’s registration.

Appeals against Transfer of Registration, Suspension, Termination, Withdrawal or Award Classification

19.1.45 A student who has been

**(i)** required to transfer registration; or

**(ii)** suspended from attendance at classes; or

**(iii)** withdrawn

under the provisions of Regulation 19.1.39 - 19.1.43 may appeal to the relevant Board of Study for reconsideration of the case.

19.1.46 A student may appeal to the relevant Board of Study for reconsideration of the classification of the award. Such an appeal must be submitted and the outcome of any such appeal must be decided upon before the student’s award is confirmed.

19.1.47 The grounds for appeals under Regulations 19.1.45 and 19.1.46 may be any of the following:

(i) 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

(ii) 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

(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Such an appeal shall be lodged in writing with the relevant Faculty Manager 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 the award classification. The appeal shall be supported by appropriate documentary evidence not previously available.

19.1.48 A student has the 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 supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study and shall be supported by all the appropriate documentary evidence. The student will have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Classification of Degrees

19.1.49 A student may be awarded a degree, a degree with merit or a degree with distinction.

In reaching their decision, Boards of Examiners shall have regard to a student’s performance against approved criteria and consider the composite mark against the following general framework:

|  |  |
| --- | --- |
| **Classification** | **Composite Mark** |
| Distinction | 70 -100 |
| Merit | 60 – 69 |
| Award | 50 – 59 |

Award

19.1.50 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general and course regulations will, on payment of the required fees, be entitled to receive the appropriate award. To qualify for the award, a candidate must have obtained passes in classes at all levels of the curriculum as specified in the course regulations. The candidate will receive a parchment setting forth the course of study in which the award has been granted and, if appropriate, the classification in which the candidate has been placed.

19.1.51 A candidate on a course that has multiple exit points (e.g. Postgraduate Certificate, Postgraduate Diploma and degree of Master) may only retain one of the possible awards.

19.1.52 Notwithstanding the provision of 19.1.50 where such a course 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 courses governed by distinct course regulations.

19.2

to 19.11 (Numbers not used.)

FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

FORENSIC SCIENCE

MSc in Forensic Science

Postgraduate Diploma in Forensic Science

Postgraduate Certificate in Forensic Science

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.12.1 Notwithstanding Regulation 19.1.1, applicants shall

(i) possess 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) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above. In addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.

Duration of Study

19.12.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

19.12.3 The courses are available by full-time study only.

Place of Study

19.12.4 In accordance with Regulation 19.1.8, some off-campus work may be required.

Curriculum

19.12.5 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

FS 986 Professional and Career Skills 5 10

FS 934 Essentials of Forensic Science 5 20

FS 905 Essentials of Forensic Science: Practical 5 20

FS 906 Practical Crime Scene and Court Exercise 5 20

Optional Classes

No fewer than 50 credits chosen from

FS 935 Forensic Biology 1 5 10

FS 936 Forensic Biology 2 5 20

FS 937 Forensic Chemistry 1 5 10

FS 938 Forensic Chemistry 2 5 20

FS 910 Practical Examination in Optional Class 5 20

Students for the degree of MSc only

99 900Dissertation 5 60

Examination, Progress and Final Assessment

19.12.6 Regulations 19.1.25 – 19.1.33 shall apply.

19.12.7 The final assessment will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

19.12.8**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 99 900.

19.12.9 **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 course curriculum.

19.12.10 **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 course curriculum including at least 30 credits from a theory component.

19.12.11

to 19.12.20 (Numbers not used.)

FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

FORENSIC SCIENCE STUDIES

MSc in Forensic Science Studies

Postgraduate Diploma in Forensic Science Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.12.21 Notwithstanding Regulation 19.1.1, applicants shall

(i) possess 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) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above. In addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.

Duration of Study

19.12.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

19.12.23 The courses are available by part-time study only.

Curriculum

19.12.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

In accordance with Regulation 19.1.4 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Classes Level Credits

99 908 Basic Forensic Science 5 60

Optional Classes

No fewer than 60 credits from

99 905 Forensic Molecular Biology 5 40

99 906 Forensic Analytical Chemistry 5 40

99 907 Specialist Topics 5 20

Such other classes as may be approved by the Course Director

Students for the degree of MSc only

99 900Dissertation 5 60

Examination, Progress and Final Assessment

19.12.25 Regulations 19.1.25 – 19.1.33 shall apply.

19.12.26 Candidates for the degree of MSc will normally be expected to perform satisfactorily on the taught components of the course and in the dissertation before being permitted to proceed to the final oral and practical examinations.

19.12.27 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.12.28 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Forensic Science Studies, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation 99 900 and have satisfied the Board of Examiners in respect of the final oral and practical examinations.

19.12.29 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Forensic Science Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

FORENSIC SCIENCE (DISTANCE LEARNING)

MSc in Forensic Science (Distance Learning)

**Postgraduate Diploma in Forensic Science (Distance Learning)**

**Postgraduate Certificate in Principles of Forensic Science**

**Postgraduate Certificate in Specialist Aspects of Forensic Science**

**Postgraduate Certificate in Forensic Science Research**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.12.31 Normally students are, in the first instance, admitted to any one of the Postgraduate Certificates. On successful completion of this Postgraduate Certificate, students are eligible to transfer to the Postgraduate Diploma in Forensic Science (Distance Learning) which must include the Postgraduate Certificate in Principles of Forensic Science. On successful completion of the Postgraduate Diploma in Forensic Science (Distance Learning), students are eligible to transfer to the degree of MSc in Forensic Science (Distance Learning).

19.12.32 Notwithstanding Regulation 19.1.1, applicants shall normally

(i) possess 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) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

19.12.31 **Duration of Study**

Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.12.32 The courses are available by part-time study only.

Place of Study

19.12.33 The courses are delivered off-campus via distance learning arrangements except for FS 975 Laboratory Based Experiments which will be delivered on-campus.

**Curriculum**

**Structure**

19.12.34 All students shall undertake an approved curriculum as follows

***Postgraduate Certificate in Principles of Forensic Science 60 credits***

Compulsory Classes Level Credits

FS 933 Essentials of Forensic Science 1 5 10

FS 934 Essentials of Forensic Science 2 5 20

FS 972 Essentials of Forensic Science: Computer

Based Experiments 5 10

FS 973 Case Investigation Exercise 5 10

FS 974 Fingerprints 5 10

***Postgraduate Certificate in Specialist Aspects of Forensic Science 60 credits***

Compulsory Classes

FS 979 Computer Based Experiments 5 10

FS 975 Laboratory Based Experiments 5 10

FS 976 Research Methods I 5 10

Optional Classes

Either

FS 935 Forensic Biology 1 5 10

FS 936 Forensic Biology 2 5 20

OR

FS 937 Forensic Chemistry 1 5 10

FS 938 Forensic Chemistry 2 5 20

***Postgraduate Certificate in Forensic Science Research 60 credits***

Compulsory Classes

FS 977 Research Project (including Research

Methods 2) 5 60

for the Postgraduate Diploma in Forensic Science (Distance Learning) – 120 credits from the successful completion of the Certificate in Principles of Forensic Science and one of the two other Certificates above.

for the degree of MSc in Forensic Science (Distance Learning) – 180 credits from the successful completion of all three of the Certificates above.

Students who intend to pursue the Postgraduate Diploma or Masters Degree in Forensic Science (Distance Learning) and who have appropriate experience or training on entry to the programme may be considered for the award of up to 60 credits as Recognised Prior Learning.

Examination, Progress and Final Assessment

19.12.35 Regulations 19.1.19 – 19.1.20 shall apply.

19.12.36 Candidates must successfully complete each Postgraduate Certificate examination before admission to the next chosen course.

19.12.37 The final assessment will be based upon performance in the examinations, coursework and project where undertaken.

Award

19.12.38 **Degree of MSc**: In order to qualify for the degree of MSc in Forensic Science (Distance Learning), a candidate must have accumulated 180 credits from the course curriculum of which 60 must have been awarded in respect of the Project FS 977.

19.12.39 **Postgraduate Diploma:** In order to qualify for the award of a Postgraduate Diploma in Forensic Science (Distance Learning), a candidate must have accumulated 120 credits by completing the Principles of Forensic Science pathway in addition to one of the other two Postgraduate Certificates described above.

19.12.40 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen course, a candidate must have accumulated 60 credits from the course curriculum.

19.12.41 to

19.12.65 (numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

OPTICAL MEDICAL IMAGING ENTREPRENEURSHIP

**MSc in Optical Medical Imaging Entrepreneurship**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.12.110 Admission

Notwithstanding Regulation 19.1.1, applicants shall only be admitted to this degree under the following conditions

1. they were originally enrolled in the OPTIMA CDT for a PhD with Integrated Study in Optical Medical Imaging with Healthcare Innovation and Entrepreneurship
2. 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

19.12.111 Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply.

19.12.112 Mode of study

The courses are available by full-time study only.

19.12.113 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a placement

All students shall undertake an approved curriculum of no fewer than 180 credits of taught programme

Compulsory Classes Level Credits

EX 949 Optical Medical Imaging Grand Challenge 5 20

EX 952 Innovation Driven Entrepreneurship 5 20

EX 951 Translational Study- Innovation and 5 20

Entrepreneurship Masterclass

EX 948 Ethics and Regulatory Processes 5 15

CH 914 Build your own microscope 5 10

EX 953 CDT 3-month Placement 5 60

Z1 931 Technology Commercialisation Workshop 5 10

Optional Classes

Students select 30 credits from the following classes

EX 918 Entrepreneurial Challenge: Creating a

New Adventure 5 15

EX 947 Entrepreneurial Management and 5 15

Leadership

EX 919 Entrepreneurial Finance 5 15

EX 950 Technology Commercialisation and the 5 15

Entrepreneurial Ecosystem

or other classes as approved by the Course Director.

19.12.114 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations and coursework together with the placement where undertaken.

Award

19.12.115 **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.

19.12.116 **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 course curriculum.

19.12.117 **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 course curriculum.

19.12.118 to

19.12.148 (numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

INFORMATION AND LIBRARY STUDIES

MSc in Information and Library Studies

Postgraduate Diploma in Information and Library Studies

Postgraduate Certificate in Information and Library Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.13.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.13.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.3 The courses are available by full-time study only.

Curriculum

19.13.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Classes Level Credits

CS 954 Information Retrieval and Access 5 20

CS 955 Information Law 5 10

CS 957 Research Methods 5 10

CS 959 Library Technology and Systems 5 20

CS 997 Human Information Behaviour 5 10

CS 803 Information Analysis 5 10

CS 961 Organisation of Knowledge 5 20

CS 962 Libraries, Information, and Society 5 20

Students for the degree of MSc only

CS 958 Project 5 60

Examination, Progress and Final Assessment

19.13.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.6 The final assessment will be based on performance in the examinations, coursework, and the project where undertaken.

Award

19.13.7 **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.

19.13.8 **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 taught classes of the course.

19.13.9 **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 taught classes of the course.

19.13.10

to 19.13.24 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

INFORMATION MANAGEMENT

MSc in Information Management with Industrial Placement

MSc in Information Management

Postgraduate Diploma in Information Management

Postgraduate Diploma in Information Management with Industrial Placement

Postgraduate Certificate in Information Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.13.25 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.13.26 Regulations 19.1.5 and 19.1.6 shall apply with exception of MSc Information Management with Industrial Placement that has a minimum period of study of 15 months and a maximum period of 39 months and PgDip Information Management with Industrial Placement that has a minimum period of study of 12 months and a maximum period of 27 months.

Mode of Study

19.13.27 The courses are available by full-time study only.

Curriculum

19.13.28 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Postgraduate Diploma with Industrial Placement no fewer than 150 credits including industrial placement

for the degree of MSc no fewer than 180 credits including a project

for the degree of MSc with Industrial Placement no fewer than 210 credits including industrial placement and project

Compulsory Classes Level Credits

MS 418 Project Management 4 20

CS 952 Database and Web Systems Development 5 20

CS 976 Information Retrieval 5 10

CS 955 Information Law 5 10

CS 985 Machine Learning for Data Analytics 5 20

CS 957 Research Methods 5 10

CS 975 Business Analysis 5 10

CS 982 Big Data Technologies 5 20

Students for the degree of MSc Information Management with Industrial Placement only

CS 977 Industrial Placement 5 30

Students for the degree of MSc (including MSc with Industrial Placement) only

CS 958 Project 5 60

Examination, Progress and Final Assessment

19.13.29 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.30 The final assessment will be based on performance in the examinations, coursework, the industrial placement and the dissertation where undertaken.

Award

19.13.31 **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 CS 958.

19.13.32 **Degree of MSc Information Management with Industrial Placement**: In order to qualify for the award of the degree of MSc in Information Management with industrial placement, a candidate must have accumulated no fewer than 210 credits, of which 30 must have been awarded in respect of the industrial placement CS 977and 60 must have been awarded in respect of the project CS 958.

19.13.33 **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 taught classes of the course.

19.13.34 **Postgraduate Diploma in Information Management with Industrial Placement:** In order to qualify for the award of the Postgraduate Diploma in Information Management with industrial placement, a candidate must have accumulated no fewer than 150 credits from the taught classes of the course including 30 awarded in respect of the industrial placement CS977.

19.13.35 **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 taught classes of the course.

19.13.36

to 19.13.90 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

ADVANCED COMPUTER SCIENCE

MSc in Advanced Computer Science

MSc in Advanced Software Engineering

MSc in Enterprise Information Systems

MSc in Advanced Computer Science with Big Data

Postgraduate Diploma in Advanced Computer Science

Postgraduate Diploma in Advanced Software Engineering

Postgraduate Diploma in Enterprise Information Systems

Postgraduate Diploma in Advanced Computer Science with Big Data

Postgraduate Certificate in Advanced Computer Science

Postgraduate Certificate in Advanced Software Engineering

Postgraduate Certificate in Enterprise Information Systems

Postgfraduate Certificate in Computer Science with Big Data

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.13.91 Regulation 19.1.1 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.

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

19.13.92Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.93 The course is available by full-time study only.

Curriculum

19.13.94 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

CS 957 Research Methods 5 10

CS 978 Legal, ethical and professional issues for the

information society 5 10

together with classes appropriate to the chosen course

***Advanced Computer Science***

Optional Classes

No fewer than 100 credits of which no more than 20 may be at level 4 chosen from the available classes listed in this Regulation.

***Advanced Software Engineering***

A total of 100 credits from the following list

CS 547 Advanced Topics in Software Engineering 5 20

CS 548 Designing Usable Systems 5 20

CS 549 Distributed Information Systems 5 20

CS 551 Mobile Software Applications 5 20

Either

MS 418 Project Management 4 20

Or

CS 409 Software Architecture and Design 4 20

***Enterprise Information Systems***

A total of 100 credits from the following list

CS 549 Distributed Information Systems 5 20

CS 985 Machine Learning for Data Analytics 5 20

CS 982 Big Data Technologies 5 20

CS 975 Business Analysis 5 10

CS 976 Information Retrieval 5 10

MS 418 Project Management 4 20

***Advanced Computer Science with Big Data***

CS 549 Distributed Information Systems 5 20

CS 982 Big Data Technologies 5 20

CS 985 Machine Learning for Data Analytics 5 20

together with 40 credits chosen from the following

CS 547 Advanced Topics in Software Engineering 5 20

CS 551 Mobile Software Applications 5 20

CS 971 Evolutionary Computation for Finance 5 20

Examination, Progress and Final Assessment

19.13.95 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.96 The final assessment will be based on performance in the examinations, coursework and the project, where undertaken.

Award

19.13.97 **Degree of MSc:** In order to qualify for the award of MSc in the chosen course, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the Project CS 958.

19.13.98 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen course, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.13.99 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen course, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.13.100 to

19.13.130 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

DIGITAL HEALTH SYSTEMS

MSc in Digital Health Systems

Postgraduate Diploma in Digital Health Systems

Postgraduate Certificate in Digital Health Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.13.131 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.13.132 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.133 The courses are available by full-time and part time study only.

Curriculum

19.13.134 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MS 418 Project Management 4 20

CS 800 Health Information Governance 5 10

CS 957 Research Methods 5 10

CS 990 Database Fundamentals 5 10

CS 804 Healthy Ageing 5 10

CS 981 Design of Usable Health Systems 5 20

CS 980 Digital Health Implementation 5 20

CS 979 Decision Support and Health Analytics 5 20

Students for the degree of MSc only

CS 958 Project 5 60

Examination, Progress and Final Assessment

19.13.135 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.136 The final assessment will be based on performance in the examinations, coursework and the project CS 958 where undertaken.

Award

19.13.137 **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 CS 958.

19.13.138 **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 taught classes of the course.

19.13.139 **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 taught classes of the course.

19.13.140

to 19.13.170 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

SOFTWARE DEVELOPMENT

MSc in Software Development

Postgraduate Diploma in Software Development

Postgraduate Certificate in Software Development

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.13.171 Regulation 19.1.1 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.

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

19.13.172Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.173 The course is available by full-time study only.

Curriculum

19.13.174 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes\* Level Credits

CS 995 Introduction to Programming Principles 5 20

CS 994 Object Oriented Programming 5 20

CS 990 Database Fundamentals 5 10

CS 992 Database Development 5 10

CS 991 Mobile Application Development 5 20

CS 993 Software Engineering 5 20

CS 808 Computer Security Fundamentals 5 10

CS 978 Legal, ethical and professional issues for the 5 10

information society

\*Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only

CS 958 Project 5 60

Examination, Progress and Final Assessment

19.13.175 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.176 The final assessment will be based on performance in the examinations, coursework and the project, where undertaken.

Award

19.13.177 **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 CS 958.

19.13.178 **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 taught classes of the course.

19.13.179 **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 taught classes of the course.

19.14.180 to

19.14.189 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

**ARTIFICIAL INTELLIGENCE**

MSc in Artificial Intelligence and Applications

Postgraduate Diploma in Artificial Intelligence and Applications

Postgraduate Certificate in Artificial Intelligence and Applications

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.13.190 Regulation 19.1.1 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.

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

19.13.191Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.192 The course is available by full-time study only.

Curriculum

19.13.193 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes Level Credits

CS 982 Big Data Technologies 5 20

CS 978 Legal, Ethical and Professional Issues for 5 10

the Information Society

CS 801 Quantitative Methods for AI 5 10

CS 802 Deep Learning and Neural Networks 5 20

CS 814 AI for Autonomous Systems 5 20

CS 985 Machine Learning for Data Analytics 5 20

CS 815 AI for Finance 5 20

Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only:

CS 958 Project 5 60

Examination, Progress and Final Assessment

19.13.194 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.195 The final assessment will be based on performance in the examinations, coursework and the project, where undertaken.

Award

19.13.196 **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 CS 958.

19.13.197 **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 taught classes of the course.

19.13.198 **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 taught classes of the course.

19.13.199 to

19.14.229 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

CYBER SECURITY

MSc in Cyber Security

Postgraduate Diploma in Cyber Security

Postgraduate Certificate in Cyber Security

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.13.230 Regulation 19.1.1 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.

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

19.13.231Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.13.232 The course is available by full-time study only.

Curriculum

19.13.233 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a project

CS 812 Information Security Fundamentals 5 15

CS 813 Advanced Information Security 5 15

CS 805 Advanced Topics in Information Security 5 15

CS 809 Digital Forensics and Incidence Response 5 15

CS 807 Vulnerability Assessment and Security Testing 5 15

CS 810 Compliance & Operational Security Management 5 15

CS 806 Work-Based Learning in Information Security 5 30

\*Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only

CS 811 Information Security Research Project and

Dissertation 5 60

Examination, Progress and Final Assessment

19.13.234 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.235 The final assessment will be based on performance in the examinations, coursework and the project, where undertaken.

Award

19.13.236 **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 CS 811.

19.13.237 **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 taught classes of the course.

19.13.238 **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 taught classes of the course.

19.14.239 to

19.14.269 (Numbers not used)

FACULTY OF SCIENCE

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**MATHEMATICS AND STATISTICS**

**MSc in Applied Mathematical Sciences**

**Postgraduate Diploma in Applied Mathematical Sciences**

**Postgraduate Certificate in Applied Mathematical Sciences**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.15.1 Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

19.15.2 **Mode of Study**

The courses are available by full-time and part-time study.

19.15.3 **Curriculum**

All students shall undertake an approved curriculum as follows

for the degree of MSc no fewer than 180 credits comprising

Compulsory Classes Level Credits

MM 950 Mathematical Sciences \*\* 5 120

MM 550 Project 5 60

*\*\*MM950 Mathematical Sciences* comprises Level 5 classes chosen from list below

For the Postgraduate Diploma no fewer than 120 credits For the Postgraduate Certificate no fewer than 60 credits.

MM 502 Modelling and Simulation with Applications

to Financial Derivatives 5 20

MM 503 Applicable Analysis 3 5 20

MM 504 Statistical Modelling and Analysis 5 20

MM 505 Fluids and Waves 5 20

MM 506 Finite Element Methods for Boundary

Value Problems and Approximation 5 20

MM 552 Applied Analysis and PDEs 1 5 20

MM 554 Applied Mathematics Methods 1 5 20

MM 560 Statistics 1 5 20

MM 562 Probability 1 5 20

MM 507 Applied Statistics in Society 5 20

MM 508 Mathematical Biology and

Marine Population Modelling 5 20

MM 509 Mathematical Introduction

to Networks 5 20

MM 553 Applied Analysis and PDEs 2 5 20

MM 561 Statistics 2 5 20

MM 563 Probability 2 5 20

MM 518 Topics in Numerical Analysis 5 20

MM 916 Data Analytics in R 5 20

MM 512 Optimization:Theory and Practice 5 20

MM 909 Medical Statistics 5 20

MM 911 Effective Statistical Consultancy 5 10

MM 915 Bayesian Spatial Statistics 5 10

\*Not all of these classes will be available every year.

\* or such other Level 4 and 5 classes Chosen from Regulations 16.15.8 as may be approved by the Course Director.

**Curriculum (Part-time Study)**

19.15.4 Students studying on a part-time basis will normally take classes amounting to at least 60 credits in each year.

**Examination, Progress and Final Assessment**

19.15.5 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

19.15.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Mathematical Sciences, a candidate must have accumulated no fewer than 180 credits from the course curriculum, of which 60 must have been awarded in respect of the Project MM 550, including at least 150 credits at Level 5.

19.15.8 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Mathematical Sciences, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course, including at least 100 credits at Level 5.

19.15.9 **Postgraduate Certificate:** In order to qualify for the award of the

Postgraduate Certificate in Mathematical Sciences, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course, including at least 50 credits at Level 5.

FACULTY OF SCIENCE

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**QUANTITATIVE FINANCE**

**MSc in Quantitative Finance**

**Postgraduate Diploma in Quantitative Finance**

**Postgraduate Certificate in Quantitative Finance**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

**Admission**

19.15.10 Regulations 19.1.1 and 19.1.2 shall apply

**Duration of Study**

19.15.11 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.15.12 The courses are available by full-time or part-time study.

**Curriculum**

19.15.13 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including three research reports or a dissertation

Compulsory Classes Credits Level

AG 910 Principles of Finance 5 20

AG 912 International Financial Markets and Banking 5 20

MM 907 Foundations of Mathematical and

Statistical Finance 5 20

CS 982 Big Data Technologies 5 20

Optional Classes

60 credits with students choosing 20 credits of classes from each of Lists A, B and C.

**List A**

AG 916 Behavioural Finance 5 10

AG 918 Security Analysis 5 10

AG 924 Portfolio Theory and Management 5 10

AG 925 Derivatives and Treasury Management 5 20

**List B**

MM 917 Networks in Finance 5 10

MM 905 Financial Econometrics 5 10

MM 904 Financial Stochastic Processes 5 10

**List C**

CS 971 Evolutionary Computation For Finance 5 20

CS 952 Database and Web Systems Development 5 20

CS 985 Machine Learning for Data Analytics 5 20

With the approval of the Course Director, students may substitute other Level 5 classes offered by the University for one or more of the optional classes listed above.

Students for the degree of MSc only

MM 908 Research Project 5 40

**Examination, Progress and Final Assessment**

19.15.14 Regulations 19.1.25 – 19.1.33 shall apply.

19.15.15 The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

**Award**

19.15.16 **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 either the dissertation or the research project MM 908.

19.15.17 **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 taught classes of the course.

19.15.18 **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 taught classes of the course.

19.15.19

to 19.15.39 (number not used)

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

APPLIED STATISTICS IN HEALTH SCIENCES

MSc in Applied Statistics in Health Sciences

MSc in Applied Statistics in Health Sciences (Online)

Postgraduate Diploma in Applied Statistics in Health Sciences

Postgraduate Diploma in Applied Statistics in Health Sciences (Online)

Postgraduate Certificate in Applied Statistics in Health Sciences

**Postgraduate Certificate in Applied Statistics in Health Sciences (Online)**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.15.40 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.15.41 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.15.42 The courses are available by full-time or part-time study.

Curriculum

19.15.43 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

MM 914 Foundations of Probability and Statistics 5 20

MM 916 Data Analytics in R 5 20

MM 504 Statistical Modelling and Analysis 5 20

MM 909 Medical Statistics 5 20

MM 911 Effective Statistical Consultancy 5 10

MM 912 Survey Design and Analysis 5 10

MM 915 Spatial Statistics 5 10

MM 913 Quantitative Risk Analysis 5 10

or other classes as approved by the Course Director

Students for the degree of MSc only

MM 550 Project 5 60

Examination, Progress and Final Assessment

19.15.44 Regulations 19.1.25 – 19.1.33 shall apply.

19.15.45 The final assessment will be based on performance in the examinations, coursework and the dissertation.

Award

19.15.46 **Degree of MSc**: In order to qualify for the award of the degree of the MSc in Applied Statistics in Health Sciences, 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 MM550.

19.15.47 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Applied Statistics in Health Sciences, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.15.48 **Postgraduate Certificate**:In order to qualify for the award of the Postgraduate Certificate in Applied Statistics in Health Sciences, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.15.49

to 19.15.79 (number not used)

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

APPLIED STATISTICS

MSc in Applied Statistics

Postgraduate Diploma in Applied Statistics

Postgraduate Certificate in Applied Statistics

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.15.3]

Admission

19.15.80 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.15.81 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.15.82 The courses are available by full-time or part-time study.

Curriculum

19.15.83 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including or a research project

Compulsory Classes Level Credits

MM 944 MSc in Applied Statistics 5 120

MM 550 MSc Project 5 60

Optional Classes

No fewer than 60 credits

MM 914 Foundations of Probability and Statistics 5 20

MM 995 Statistical Inference 5 10

MM 916 Data Analytics in R 5 20

MM 910 Applied Statistical Modelling 5 20

MM 909 Medical Statistics 5 20

MM 911 Effective Statistical Consultancy 5 10

MM 912 Survey Analysis 5 10

MM 913 Quantitative Risk Analysis 5 10

MM 915 Spatial Statistics 5 10

MM 905 Financial Econometrics 5 10

MM 904 Financial Stochastic Process 5 10

MS 980 Business Analytics5 10

MS 984 Data Analytics in Practice 5 20

With the approval of the Course Director, students may substitute other Level 5 classes offered by the University for one or more of the optional classes listed above.

Students for the degree of MSc only

MM 550 MSc Project 5 60

Examination, Progress and Final Assessment

19.15.84 Regulations 19.1.25 – 19.1.33 shall apply.

19.15.85 The final assessment will be based on performance in the examinations, coursework and the research project where undertaken.

Award

19.15.86 **Degree of MSc**: In order to qualify for the award of the degree of the MSc in Applied Statistics, 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 MM550.

19.15.87 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Applied Statistics, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.15.88 **Postgraduate Certificate**:In order to qualify for the award of the Postgraduate Certificate in Applied Statistics, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.15.89 to

19.15.100 (numbers not used)

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

ACTUARIAL SCIENCE

MSc in Actuarial Science

Postgraduate Diploma in Actuarial Science

Postgraduate Certificate in Actuarial Science

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.15.101 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.15.101 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.15.102 The courses are available by full-time or part-time study.

Curriculum

19.15.103 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

AG 910 Principles of Finance 5 20

MM 914 Foundations of Probability and Statistics 5 20

MM 951 Inference and Regression Modelling 5 20

EC 948 Fundamentals of Macroeconomics 5 10

EC 953 Fundamentals of Microeconomics 5 10

Optional Classes

No fewer than 60 credits

AG 916 Behavioural Finance 5 10

AG 918 Security Analysis 5 10

AG 924 Portfolio Theory and Management 5 10

AG 919 Risk Management in Banks 5 10

MM 905 Financial Econometrics 5 10

MM 904 Financial Stochastic Processes 5 10

MM 913 Quantitative Risk Analysis 5 10

MS 927 Risk Analysis and Management 5 10

EC 947 Topics in Public Economics 5 10

EC 949 International Macroeconomics 5 10

EC 955 International Trade Theory and Policy 5 10

With the approval of the Course Director, students may substitute other Level 5 classes offered by the University for one or more of the optional classes listed above.

Students for the degree of MSc only

MM 908 Research Project 5 40

Examination, Progress and Final Assessment

19.15.104 Regulations 19.1.25 – 19.1.33 shall apply.

19.15.105 The final assessment will be based on performance in the examinations, coursework, and the research project where undertaken.

Award

19.15.106 **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 either the project MM908.

19.15.107 **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 taught classes of the course.

19.15.108 **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 taught classes of the course.

19.15.108 to

19.15.138 (numbers not used)

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

ADVANCED PHYSICS

**Msc in Advanced Physics**

**Postgraduate Diploma in Advanced Physics**

**Postgraduate Certificate in Advanced Physics**

Admission

19.17.10 Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study

19.17.11 The course is available by full-time and part-time study.

Curriculum

19.17.12

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

PH 949 Physics Skills 5 20

Optional Classes

No Fewer than 100 credits chosen from Regulations 12424.UG.10 and 19.17.54 to bring the total number of Level 5 classes to at least 150

Students for the degree of Msc

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.13 Regulations 19.1.19 shall apply.

19.17.14 The final assessment will be based on performance in the examinations, coursework and the project.

Award

19.17.15 **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 PH 952.

19.17.16 **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 classes of the course.

19.17.17 **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 classes of the course.

19.17.18

to 19.17.30 (Numbers not used)

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

NANOSCIENCE

MSc in Nanoscience

Postgraduate Diploma in Nanoscience

Postgraduate Certificate in Nanoscience

Course Regulations

[These regu**l**ations are to be read in conjunction with Regulation 19.1]

Admission

19.17.41 Notwithstanding Regulation 19.1.1, applicants shall possess either

(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 Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.

Applicants may be required to attend an interview.

Place of Study

19.17.42 Some individual research projects may require off-campus work.

Mode of Study

19.17.43 The courses are available by full-time and part-time study.

Curriculum

19.17.44 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes\* Level Credits

PH 949 Physics Skills 5 20

PH 953 Introductory Nanoscience 5 20

PH 955 Advanced Nanoscience 1 5 20

PH 956 Advanced Nanoscience 2 5 20

CH 907 Advanced Nanoscience 3 5 20

either

PH 954 Physics Conversion Course 5 20

or

CH 906 Chemistry Conversion Course 5 20

\* Subject to the approval of the Course Director, students may substitute a maximum of two Level 5 classes with other Level 5 classes.

Students for the degree of MSc only

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.17.46 The final assessment will be based on performance in the examinations, coursework, and the project.

Award

19.17.47 **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 PH 952.

19.17.48 **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 classes of the course.

19.17.49 **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 taught classes of the course.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

OPTICAL TECHNOLOGIES

MSc in Optical Technologies

Postgraduate Diploma in Optical Technologies

Postgraduate Certificate in Optical Technologies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.17.51 Notwithstanding Regulation 19.1.1, applicants shall possess either

(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 Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.

Applicants may be required to attend an interview.

Place of Study

19.17.52 Some individual research projects may require off-campus work.

Mode of Study

19.17.53 The courses are available by full-time and part-time study.

Curriculum

19.17.54 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes Level Credits

PH 949 Physics Skills 5 20

Optional Classes

No fewer than 100 credits chosen from

PH 953 Introductory Nanoscience 5 20

PH 955 Advanced Nanoscience 1 5 20

PH 956 Advanced Nanoscience 2 5 20

PH 957 Topics in Photonics 5 20

PH 958 Optical Design 5 20

PH 959 Experimental Quantum and Atom Optics 5 20

PH 960 Advanced Topics in Photonics 5 20

PH 962 Photonic materials and devices 5 20

PH 963 Advanced Photonic Devices and Applications 5 20

PH 964 Theoretical Quantum Information 5 20

PH 965 Quantum Optics, Nonlinearity and Open

Quantum Systems 5 20

EE 473 Photonic Systems 4 20

Such other classes as may be approved by the Adviser of Study.

Students for the degree of MSc only

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.55 Regulations 19.1.25 – 19.1.33 shall apply..

19.17.56 The final assessment will be based on performance in the examinations, coursework and the project.

Award

19.17.57 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Optical Technologies, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH 952.

19.17.58 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Optical Technologies, a candidate must have accumulated no fewer than 120 credits from the classes of the course.

19.17.59 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Optical Technologies, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

INDUSTRIAL PHOTONICS

MSc in Industrial Photonics

Postgraduate Diploma in Industrail Photonics

Postgraduate Certificate in Industrial Photonics

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.17.61 Notwithstanding Regulation 19.1.1, applicants shall possess either

(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 Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.

Applicants may be required to attend an interview.

Place of Study

19.17.62 Some individual research projects may require off-campus work.

Mode of Study

19.17.63 The courses are available by full-time and part-time study.

Curriculum

19.17.64 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes\* Level Credits

PH 950 Research Skills 5 20

PH 951 Project Training 5 20

PH 957 Topics in Photonics 5 20

PH 963 Advanced Photonic Devices and Applications 5 20

EE 979 Systems Engineering 5 20

\*Subject to the approval of the Course Director, students may substitute a maximum of two Level 5 classes with other Level 5 classes.

Optional Classes

No fewer than 20 credits selected from

PH 958 Optical Design 5 20

PH 962 Photonic Materials and Devices 5 20

EE 473 Photonic Systems 4 20

Students for the degree of MSc only

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.65 Regulations 19.1.25 – 19.1.33 shall apply.

19.17.66 The final assessment will be based on performance in the examinations, coursework and the project.

Award

19.17.67 **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 PH 952.

19.17.68 **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 classes of the course.

19.17.69 **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 taught classes of the course

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

# QUANTUM INFORMATION AND COHERENCE

MSc in Quantum Information and Coherence

Postgraduate Diploma in Quantum Information and Coherence Postgraduate Certificate in Quantum Information and Coherence

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.17.71 Notwithstanding Regulation 19.1.1, applicants shall possess either

(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 Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.

Applicants may be required to attend an interview.

Place of Study

19.17.72 Some individual research projects may require off-campus work.

Mode of Study

19.17.73 The courses are available by full-time and part-time study.

Curriculum

19.17.74 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes\* Level Credits

PH 949 Physics Skills 5 20

PH 959 Experimental Quantum and Atom Optics 5 20

PH 964 Theoretical Quantum Information 5 20

PH 965 Quantum Optics, Nonlinearity and Open

Quantum Systems

5 20

Optional Classes

No fewer than 40 credits chosen from

PH 953 Introductory Nanoscience 5 20

PH 955 Advanced Nanoscience 1 5 20

PH 957 Topics in Photonics 5 20

PH 958 Optical Design 5 20

PH 960 Advanced Topics in Photonics 5 20

Such other classes Level 5 as may be approved by the Course Director.

\*Subject to the approval of the Course Director, students may substitute a maximum of two Level 5 classes with other Level 5 classes.

For MSc Candidates only

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.75 Regulations 19.1.25 – 19.1.33 shall apply.

19.17.76 The final assessment will be based on performance in the examinations, coursework and the project.

**Award**

19.17.77 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Quantum Information and Coherence, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH 952.

19.17.78 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Quantum Information and Coherence, a candidate must have accumulated no fewer than 120 credits from the classes of the course.

19.17.79 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Quantum Information and Coherence, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

APPLIED PHYSICS

MSc Applied Physics

Postgraduate Diploma in Applied Physics

Postgraduate Certificate in Applied Physics

Admission

19.17.111 Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study

19.17.112 The course is available by full-time and part-time study.

Curriculum

19.17.113 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

PH 949 Physics Skills 5 20

Optional Classes

No fewer than 100 credits chosen from Regulations 12424.UG.10 and 19.17.54 to bring the total number of Level 5 classes to at least 150

Students for the degree of MSc

PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.114 Regulations 19.1.25 – 19.1.33 shall apply.

19.17.115 The final assessment will be based on performance in the first attempt examinations, coursework and the project

Award

19.17.116 **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 PH 952.

19.17.117 **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 classes of the course.

19.17.118 **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 classes of the course.

19.17.119

to 19.17.200 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**CLINICAL PHARMACY**

MSc in Clinical Pharmacy

Postgraduate Diploma in Clinical Pharmacy

Postgraduate Certificate in Clinical Pharmacy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.21 Regulation 19.1.1 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.

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

19.22.22 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.22.23 The courses are available by full-time and part-time study.

Curriculum

19.22.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a Research Project

Classes Level Credits

MP 923 Clinical Induction 5 20

MP 924 Clinical Assignment 1 5 20

MP 925 Health Service Skills 5 20

MP 926 Clinical Assignment 2 5 20

MP 927 Clinical Assignment 3 5 20

MP 928 Clinical Assignment 4 5 20

Students for the degree of MSc only

MP 929 Research Project 5 60

Students who have appropriate experience or training on entry to the programme may be considered for the award of the credits for the classes *MP 923 Clinical Induction* and/or *MP 924 Clinical Assignment 1* as Recognised Prior Learning.

Examination, Progress and Final Assessment

19.22.25 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.26 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

19.22.27 **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 *MP 929 Research Project.*

19.22.28 **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 classes of the course.

19.22.29 **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 taught classes of the course. Notwithstanding Regulation 19.1.11, a student who has been granted exemption through credit transfer or RPL must gain two-thirds of the overall credit requirement for the award of the Postgraduate Certificate.

19.22.30

to 19.22.60 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

ADVANCED CLINICAL PHARMACY PRACTICE

**MSc in Advanced Clinical Pharmacy Practice**

**MSc 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**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

# Admission

* + 1. Regulation 19.1.1 shall apply subject to the following requirements.
       1. a degree in pharmacy from a United Kingdom university or
       2. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
       3. all applicants must be registered with the General Pharmaceutical Council (GPhC).

# Duration of Study

* + 1. Regulations 19.1.4 and 19.1.5 shall apply.

# Mode of Study

* + 1. The courses are available by full-time and part-time study.

# Curriculum

* + 1. All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits for the Postgraduate Diploma no fewer than 120 credits the degree of MSc no fewer than 180 credits including a Research Project

Optional Classes

Level Credits

MP 803 Advanced Clinical Assessment and

Consultation 5 20

MP 805 Advanced Therapeutics and

Health Innovation 5 20

MP 802 Quality Improvement Methodology 5 20

MP 804 Research Skills 5 20

MP 808 Pharmacist Independent Prescribing 5 20

MP 801 Clinical Service Development 5 20

MP 806 Clinical Practice Attachment 5 20

Students on the MSc In Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing must take the following class

MP808 Pharmacist Independent Prescribing 5 30

Students for the degree of MSc only:

MP 807 Research Project 5 60

# Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework and the Project.

# Award

19.22.66 **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 MP 807 Research Project.

19.22.67 **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, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of MP 807 Research Project and 30 must have been awarded in respect of MP808 Pharmacist Independent Prescribing.

19.22.68 **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 classes of the course.

19.22.69 **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 taught classes of the course.

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

PHARMACEUTICAL ANALYSIS

MSc in Pharmaceutical Analysis

Postgraduate Diploma in Pharmaceutical Analysis

Postgraduate Certificate in Pharmaceutical Analysis

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.70 Regulation 19.1.1 shall apply subject to the following requirement. Applicants shall

(i) possess 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) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.22.71 Regulation 19.1.6 shall apply. Notwithstanding Regulation 19.1.5, the minimum duration of study for both the degree of MSc, the Postgraduate Diploma and the Postgraduate Certificate shall be 12 months.

Mode of Study

19.22.72 The courses are available by full-time study only.

Curriculum

19.22.73 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 916 Spectrophotometric and Spectroscopic

Methods 5 20

MP 917 Chromatography : Principles, Application and

Method Development 5 20

MP 918 Chemical and Spectroscopic Methods 5 20

MP 919 Bioanalysis, Biotechnology and Quality

Management 5 20

MP 920 Chemical and Statistical Analysis: Principles

and Application 5 20

MP 921 Chromatographic and Bioanalytical Methods 5 20

Students for the degree of MSc only

MP 922 Pharmaceutical Analysis: Project 5 60

Examination, Progress and Final Assessment

19.22.74 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.75 The final assessment will be based on performance in the examinations, coursework and the project report or dissertation as appropriate.

Award

19.22.76 **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 dissertation.

19.22.77 **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 classes listed in Regulation 19.11.64.

19.22.79 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Analysis, a candidate must have accumulated no fewer than 60 credits from the classes listed in Regulation 19.22.64.

Transfer

19.22.80 Regulation 19.1.33 shall apply. In addition, students registered for the Postgraduate Diploma who wish to transfer to the MSc course may be required to demonstrate an acceptable level of performance on the course and to meet prescribed criteria to the satisfaction of the Board of Examiners.

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

PHARMACEUTICAL QUALITY AND GOOD MANUFACTURING PRACTICE

MSc 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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.81 Regulations 19.1.1 and 19.1.2 shall apply. In addition relevant industrial experience will be taken into account. Applicants will normally be registered initially for the Postgraduate Diploma.

Exemption by Recognised Prior Learning (RPL) from MP971 Pharmaceutical Quality and Good Manufacturing Practice (Part 1A) and PG972 Pharmaceutical Quality and Good Manufacturing Practice (Part 2A) is permitted for those students who have successfully completed six or twelve David Begg Associates modules.

Duration of Study

19.22.82 Regulations 19.1.5 and 19.1.6 shall apply.

The minimum duration of study for those students admitted with Recognised Prior Learning (RPL) from David Begg Associates will be reduced accordingly by agreement of the Board of Study.

**Place of Study**

19.22.83 In accordance with Regulation 19.1.8, some off-campus work may be required.

Mode of Study

19.22.84 The courses are available by part-time study only.

Curriculum

19.22.85 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 971 Pharmaceutical Quality and Good

Manufacturing Practice (Part 1A) 5 40

MP 973 Pharmaceutical Quality and Good

Manufacturing Practice (Part 1B) 5 20

Students for the degree of MSc and Postgraduate Diploma in addition shall undertake

MP 972 Pharmaceutical Quality and Good 5 40

Manufacturing Practice (Part 2A)

MP 974 Pharmaceutical Quality and Good 5 20

Manufacturing Practice (Part 2B)

Students for the degree of MSc only

MP 975 Pharmaceutical Quality and Good 5 60

Manufacturing Practice (Project)

Examination, Progress and Final Assessment

19.22.86 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.87 Notwithstanding Regulation 19.1.20, a candidate who fails to satisfy the Board of Examiners in respect of any aspect of assessment of a class 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 class.

19.22.88 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.22.89 **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 MP 975.

19.22.90 **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 taught classes of the course.

19.22.91 **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 taught classes of the course.

19.22.92

to 19.22.100 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

BIOMEDICAL SCIENCES

MSc in Biomedical Sciences  
MSc Advanced Immunology

MSc Advanced Pharmacology

MSc Advanced Biochemistry

MSc Molecular Microbiology

**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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.101 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.22.102 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

*For full-time study*

Masters by full-time study 24 months

*For part-time study*

Masters by part-time study 48 months elapsed time

Mode of Study

19.22.103 The course is available by full-time and part-time study.

Curriculum

19.22.104 All students shall complete an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits gained

for the Postgraduate Diploma no fewer than 120 credits gained

for the degree of MSc no fewer than 180 credits gained including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical And Pharmaceutical

Research Skills 5 20

Z1 931 Entrepreneurship 5 10

MP 942 Advanced Techniques in Biomedical Research 5 10

MP 959 Advanced Techniques in Biomedical Research 2 5 10

BM 937 Advanced Topics in Biomedical Research 5 20

together with classes appropriate to the chosen course

Optional Classes for the degree of MSc in Biomedical Sciences, 10 credits from List A and 40 credits from List B.

**List A**

MP 968 In Vivo Biology 5 10

MP 979 Drug Discovery 5 10

BM 933 Postgraduate Studies in Haematology 5 20

**List B**

BM 934 Postgraduate Studies in Clinical Biochemistry 5 20

BM 935 Postgraduate Studies in Pathology 5 20

BM 945 Postgraduate Studies in Clinical Immunology 5 20

BM 940 Postgraduate Studies in Clinical Microbiology 5 20

Optional Classes for the degree of MSc Advanced Immunology, 10 credits from List A and 40 credits from List B.

**List A**

MP 968 In vivo Biology 5 10

MP 979 Drug Discovery 5 10

BM 933 Postgraduate Studies in Haematology 5 10

**List B**

BM 939 Postgraduate Studies in Immunology 5 20

BM 945 Postgraduate Studies in Clinical Immunology 5 20

BM 944 Postgraduate Studies in Applied Immunology 5 20

Optional Classes for the degree of MSc Advanced Pharmacology, 10 credits from List A and 40 credits from List B.

**List A**

MP 968 In vivo Biology 5 10

MP 979 Drug Discovery 5 10

**List B**

BM 938 Postgraduate Studies in Pharmacology 5 20

BM 941 Postgraduate Studies in Clinical Pharmacology 5 20

BM 946 Postgraduate Studies in Applied Pharmacology 5 20

Optional Classes for the degree of MSc Advanced Biochemistry, 10 credits from List A and 40 credits from List B.

**List A**

MP 968 In vivo Biology 5 10

MP 979 Drug Discovery 5 10

BM 933 Postgraduate Studies in Haematology 5 10

**List B**

BM 934 Postgraduate Studies in Clinical Biochemistry 5 20

BM 936 Postgraduate Studies in Biochemistry 5 20

BM 942 Postgraduate Studies in Applied Biochemistry 5 20

Optional Classes for the degree of MSc Molecular Microbiology, 10 credits from List A and 40 credits from List B.

**List A**

MP 968 In vivo Biology 5 10

MP 979 Drug Discovery 5 10

**List B**

BM 932 Postgraduate Studies in Microbiology 5 20

BM 943 Postgraduate Studies in Applied Microbiology 5 20

BM 940 Postgraduate Studies in Clinical Microbiology 5 20

Students for the degree of MSc only

BM 906 Biomedical Sciences Project 5 60

Examination, Progress and Final Assessment

19.22.105 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.106 The final assessment will be based on performance in the written examinations and the coursework.

Award

19.22.107 **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 BM 906.

19.22.108 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma, a candidate must have accumulated no fewer than 120 cerdits from the taught classes of the course.

19.22.109 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate, a candidate must have accumulated no fewer than 60 credits.

19.22.110

to 19.22.120 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

BIOTECHNOLOGY

MSc in Biotechnology

Postgraduate Diploma in Biotechnology

Postgraduate Certificate in Biotechnology

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.121 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.122 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

*For full-time study*

Masters by full-time study 24 months

PG Diploma by full-time study 18 months

PG Certificate by full-time study 12 months

*For part-time study*

Masters by part-time study 48 months elapsed time

PG Diploma by part-time study 36 months elapsed time

PG Certificate by part-time study 24 months elapsed time

Mode of Study

19. 22.123 The course is available by full-time and part-time study.

Curriculum

19. 22.124 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical And Pharmaceutical

Research Skills 5 20

BM 917 Microbes, proteins and enzymes 5 20

BM 908 Laboratory Methods in Biotechnology 5 20

BM 909 Applications and commercialization in

Biotechnology 5 20

Optional classes

BM 910 Fermentation and Microbial Exploitation 5 20

BM 911 Molecular Biology, Bioinformatics and Genomics 5 20

BM 912 Biocatalysis and Bioprocessing 5 20

Students for the degree of MSc only

BM 913 Biotechnology Project 5 60

Examination, Progress and Final Assessment

19. 22.125 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.126 The final assessment will be based on performance in the written examinations and the coursework.

Award

19. 22.127 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Biotechnology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM913.

19. 22.128 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Biotechnology, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19. 22.129 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biotechnology, a candidate must have accumulated no fewer than 60 credits.

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

PHARMACEUTICAL SCIENCES

MSc in Pharmaceutical Sciences

Postgraduate Diploma in Pharmaceutical Sciences

Postgraduate Certificate in Pharmaceutical Sciences

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.131 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.22.132 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

*For full-time study*

Masters by full-time study 24 months

PG Diploma by full-time study 18 months

PG Certificate by full-time study 12 months

*For part-time study*

Masters by part-time study 48 months elapsed time

PG Diploma by part-time study 36 months elapsed time

PG Certificate by part-time study 24 months elapsed time

Mode of Study

19.22.133 The course is available by full-time and part-time study.

Curriculum

19.22.134 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical And Pharmaceutical

Research Skills 5 20

MP 990 Practice and Application of Pharmaceutical

Sciences 5 20

Optional ClassesLevel Credits

MP 992 Advanced Drug Delivery Methods & Topics 5 20

MP 993 Advanced Formulation Methods & Topics 5 20

MP 994 Advanced Drug Discovery Methods & Topics 5 20

MP 995 Advanced Toxicology Methods & Topics 5 20

BM 907 Advanced Biomedical Methods 1 5 20

BM 914 Advanced Biomedical Methods 2 5 20

BM 904 Advanced Biomedical Topics 1 5 20

BM 905 Advanced Biomedical Topics 2 5 20

Students for the degree of MSc only

MP 991 Pharmaceutical Sciences Project 5 60

Examination, Progress and Final Assessment

19.22.135 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.136 The final assessment will be based on performance in the written examinations and the coursework.

Award

19.22.137 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Pharmaceutical Sciences, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project MP991.

19.22.138 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Sciences, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.22.139 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Pharmaceutical Sciences, a candidate must have accumulated no fewer than 60 credits.

19.22.140 to

19.22.165 (Not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

ADVANCED PHARMACEUTICAL MANUFACTURING

MSc in Advanced Pharmaceutical Manufacturing

Postgraduate Diploma in Advanced Pharmaceutical Manufacturing

Postgraduate Certificate in Advanced Pharmaceutical Manufacturing

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.166 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.167 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

Masters by full-time study 24 months

PG Diploma by full-time study 18 months

PG Certificate by full-time study 12 months

*For part-time study*

Masters by part-time study 48 months elapsed time

PG Diploma by part-time study 36 months elapsed time

PG Certificate by part-time study 24 months elapsed time

Mode of Study

19. 22.168 The course is available by full-time and part-time study.

Curriculum

19. 22.169 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diplomano fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical And Pharmaceutical

Research Skills 5 20

MP 930 Continuous Manufacturing of Pharmaceutical

Particles and Products 5 20

MP 936 Crystallisation and Formulation for

Manufacture 5 20

CH 913 Process Ananlytical Technology (PAT) 5 20

and Quality by Design in Continuous

Pharmaceutical Maunfacturing

MP 937 Industrial Pharmacy 5 20

MP 939 Pharmaceutical Project Management 5 20

Students for the degree of MSc only

MP 935 Continuous Manufacturing Research Project 5 60

Examination, Progress and Final Assessment

19. 22.170 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.171 The final assessment will be based on performance in the written examinations and the coursework.

Award

19. 22.172 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Continuous Manufacturing and Crystallisation, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project MP 935.

19. 22.173 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Continuous Manufacturing and Crystallisation, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19. 22.174 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Continuous Manufacturing and Crystallisation, a candidate must have accumulated no fewer than 60 credits.

19.22.175 to

19.22.199 (numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

INDUSTRIAL BIOTECHNOLOGY

Collaborative MSc in Industrial Biotechnology

Postgraduate Diploma in Industrial Biotechnology

Postgraduate Certificate in Industrial Biotechnology

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.200 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.201 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

Masters by full-time study 12 months

PG Diploma by full-time study 9 months

PG Certificate by full-time study 6 months

Masters by part-time study 24 months elapsed time

PG Diploma by part-time study 18 months elapsed time

PG Certificate by part-time study 12 months elapsed time

Mode of Study

19. 22.202 The course is available by full-time and part-time study.

Curriculum

19. 22.203 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the project

Compulsory Classes Level Credits

BM 923 Bioprocessing 5 20

BM 924 Applied Biocatalysis 5 20

EX 933 Synthetic Biology 5 20

CS982 Big Data Fundamentals 5 10

EX 942 Bioinformatics 5 10

EX 939 Downstream Processing 5 15

Optional classes

All students shall undertake 30 credits from the following classes:

EX930 Introduction to Industrial Biotechnology and its

Governance 5 10

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

Or any other approved course from IBioIC HEI partner

Students for the degree of MSc only

BM929 Industrial Biotechnology Research Project 5 60

Examination, Progress and Final Assessment

19. 22.204 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.205 The final assessment will be based on performance in the written examinations and the coursework.

Award

19. 22.206 **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 BM929.

19. 22.207 **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 taught classes of the course.

19. 22.208 **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.

19.22.209 to

19.22.219 (numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**INDEPENDENT PRESCRIBING**

**Practice Certificate in Independent Prescribing**

**Course Regulations**

These regulations are to be read in conjunction with Regulation 19.1

19.22.220 **Admission**

Regulation 19.1.1 shall apply subject to the following. Applicants shall have appropriate qualifications and

1. Current registration with GPhC &/or PSNI as a practising pharmacist.

Or, if they already have a Supplementary Prescribing qualification:

1. be a registered pharmacist with the GPhC or the Pharmaceutical Society of Northern Ireland. (PSNI) with annotation as a supplementary prescriber
2. be able to provide evidence of prescribing experience which is no longer than 2 years' old
3. provide a statement of support from a medical practitioner that confirms their competence as a supplementary prescriber

19.22.221 **Credit Transfer and Recognition of Prior Learning**

Regulation 19.1.4 shall apply.

19.22.222 **Duration of Study**

The maximum period of study shall normally be 14 months or 6 months for those holding the Supplementary Prescribing qualification

19.22.223 **Mode of study**

The course is only available by part-time study

19.22.224 **Curriculum**

Students shall undertake an approved curriculum as follows

Classes 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

Students who already have a Supplementary Prescribing qualification will undertake an approved curriculum as follows

Classes Level Credits

MP980 Independent Prescribing Conversion 5 10

19.22.225 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply to all classes with the exception of where students fail an assessment because of an issue which is either red flagged as critical – defined as either causing or having the potential to cause harm to an individual – before the assessment, or where such a critical issue is identified during marking (the student having done something unexpected), the student will fail that assessment and there will be no resit opportunity. As a consequence the student will fail the course and if they reapply to this course they will not be permitted to carry forward any credits gained during a previous attempt.

19.22.226 **Award**

In order to qualify for the award of Practice Certificate in Independent Prescribing, a student must have accumulated 30 credits.

19.22.227 to

19.22.257 (number not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**PHARMACY PRACTICE - CLINICAL**

MSc in Pharmacy Practice - Clinical

**Postgraduate Diploma in Pharmacy Practice - Clinical**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.22.258 Regulation 19.1.1 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.

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**

19.22.259 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**

19.22.260 The MSc is available by full-time study only: the PG Certificate and Diploma may be offered as part time study.

**Curriculum**

19.22.261 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the MSc no fewer than 240 credits

Classes Level Credits

MP 998 Essential Clinical Therapeutics 5 40

MP 940 Health Service – Quality Improvement 5 20

MP 949 Clinical Pharmacy – Pharmaceutical Services 5 20

MP 997 Clinical Pharmacy Management 5 20

MP 996 Advanced Clinical Therapeutics 5 20

MP 950 Professional Experiential Learning 5 120

**Examination, Progress and Final Assessment**

19.22.262 Regulations 19.1.18 and 19.1.19 shall apply.

19.22.263 The final assessment will be based on performance in the examinations and coursework.

**Award**

19.22.264 **MSc** In order to qualify for the award of the MSc in Pharmacy Practice, a candidate must normally have accumulated no fewer than 240 credits from the classes of the course.

19.22.265 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Pharmacy Practice, a candidate must normally have accumulated no fewer than 120 credits from the taught classes of the course.

19.22.266 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Pharmacy Practice, a candidate must normally have accumulated no fewer than 60 credits from the taught classes of the course.

19.22.267

to 19.22.287 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

CANCER THERAPIES

MSc in Cancer Therapies

Postgraduate Diploma in Cancer Therapies

Postgraduate Certificate in Cancer Therapies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.288 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.289 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows

Masters by full-time study 24 months

*For part-time study*

Masters by part-time study 48 months elapsed time

Mode of Study

19. 22.290 The course is available by full-time and part-time study.

Curriculum

19. 22.291 All students shall undertake an approved curriculum as follows

for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical And Pharmaceutical

Research Skills 5 20

MP 942 Advanced techniques in Biomedical

Research 1 5 10

MP 959 Advanced techniques in Biomedical

Research 2 5 10

Z1 931 Entrepreneurship, innovation and

commercialisation 5 10

MP 960 Design and Development of anti-cancer

Drugs 5 10

MP 981 Targeted Cancer Therapies for Personalised

Medicine 5 20

MP 989 Radiobiology and Radiation Oncology:

from beam to bedside 5 10

MP 809 Scientific Writing 5 10

MP 988 Drug Discovery and Development in Cancer 5 20

Students for the degree of MSc only

BM 906 MSc Project 5 60

Examination, Progress and Final Assessment

19. 22.292 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.293 The final assessment will be based on performance in the written examinations and the coursework.

Award

19. 22.294 **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 BM 906.

19. 22.295 **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 taught classes of the course.

19. 22.296 **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.

19.22.297 to

19.22.327 (numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

ADVANCED DRUG DELIVERY

MSc in Advanced Drug Delivery

Postgraduate Diploma in Advanced Drug Delivery

Postgraduate Certificate in Advanced Drug Delivery

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.22.328 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.329 Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

Masters by full-time study 24 months

PG Diploma by full-time study 18 months

PG Certificate by full-time study 12 months

*For part-time study*

Masters by part-time study 48 months elapsed time

PG Diploma by part-time study 36 months elapsed time

PG Certificate by part-time study 24 months elapsed time

Mode of Study

19. 22.330 The course is available by full-time and part-time study.

Curriculum

19. 22.331 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

MP 931 Generic Biomedical and Pharmaceutical

Research Skills 5 20

MP 811 Pharmaceutical Formulation and Clinical

Pharmaceutics 5 20

MP 918 Analytical Techniques 5 20

MP 952 Advanced Drug Delivery and Nanotechnology 5 20

MP 810 Novel therapeutics and biopharmaceuticals 5 20

MP 939 Pharmaceutical Project Management 5 20

Students for the degree of MSc only

MP 935 Research Project 5 60

Examination, Progress and Final Assessment

19. 22.332 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.333 The final assessment will be based on performance in the written examinations and the coursework.

Award

19. 22.334 **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 MP 935.

19. 22.335 **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 taught classes of the course.

19. 22.336 **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.

19.22.337 to

19.22.338 (numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF GLOBAL PUBLIC HEALTH (SIGPH)**

**GLOBAL PUBLIC HEALTH**

MSc in Global Public Health

**Postgraduate Diploma in Global Public Health**

**Postgraduate Certificate in Global Public Health**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

*The course is offered by the Strathclyde Institute of Global Public Health (SIGPH) – a research and education collaboration between the University of Strathclyde and the International Prevention Research Institute (iPRI) in Lyon, France. Awards are made in the name of the University of Strathclyde.*

Admission

19.24.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.24.2 Regulations 19.1.5 and 19.1.6 shall apply. The normal duration of study will be

for the degree of Masters by full-time study 24 months

for the Postgraduate Diploma by full-time study 18 months

for the Postgraduate Certificate by full-time study 12 months

Place of Study

19.24.3 The instructional part of the course will be taught at the International Prevention Research Institute and then at the University of Strathclyde.

Mode of Study

19.24.4 The course is available by full-time study only.

Curriculum

19.24.5 All students undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of Master no fewer than 240 credits including an individual research project.

and, if required, additional tuition in the English Language.

19.24.6Compulsory Classes Level Credits

BM 925 Introduction to Global Public Health 5 30

BM 926 Biostatistics and Mathematics 5 30

BM 927 Epidemiology 5 30

BM 928 Group Research 5 30

Optional Classes

No fewer than 40 credits at level 5 as approved by the Course Director and drawn from at least two of the following subject areas:

**Public Health Law**

**Electrical Engineering**

**Civil Engineering**

**Pharmacy Management**

**Biomedical Engineering**

**Public Health Policy**

**Public Health in Business**

Compulsory project

XX XXXIndividual Research Project 5 80

**Total credits 240**

Examination, Progress and Final Assessment

19.24.7 Regulations 19.1.25 – 19.1.33 shall apply.

19.24.8 Progress from IPRI to the University of Strathclyde is dependent on passing 90 credits at level 5 in the classes taught in France.

19.24.9 The final assessment will be based on performance in the examinations, coursework and the Individual Research Project dissertation where undertaken.

Award

19.24.10 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Global Public Health, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 240 credits of which 80 must have been awarded in respect of the Individual Research Project XX XXX.

19.24.11 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Public Health, a candidate must normally have accumulated no fewer than 120 credits from the taught compulsory or optional classes of the course.

19.24.12 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Global Public Health, a candidate must normally have accumulated no fewer than 60 credits from the taught compulsory or optional classes of the course.

FACULTIES OF SCIENCE AND ENGINEERING: JOINT COURSES

SYSTEM LEVEL INTEGRATION

MSc in System Level Integration

Postgraduate Diploma in System Level Integration

[The General Regulations for Higher Degrees (Regulation 19.1) of the University of Strathclyde shall not apply, except with the agreement of the University of Glasgow.]

This course is offered jointly by the University of Strathclyde, the University of Edinburgh, the University of Glasgow and Heriot-Watt University and the awards are made in the name of all four universities. The Regulations are drawn up consequent upon a Memorandum of Co-operation which has been approved by Senate.

The taught component of the programmes may be delivered at university campuses, at the Institute of System Level Integration’s premises at Livingston or at independent work sites but all classes are taught by staff from the four universities. Students shall be subject to the Course Regulations that have been adopted by all four Universities and to any other General Regulations, etc. of the University at which they are studying.

For the current academic year, the administering University Heriot-Watt University and full details of Course Regulations applicable are shown in that University’s Calendar.

19.24.30

to 19.30.89 (Numbers not used)

FACULTIES OF SCIENCE AND ENGINEERING: JOINT COURSES

INFORMATION TECHNOLOGY SYSTEMS

MSc in Information Technology Systems

Postgraduate Diploma in Information Technology Systems

Postgraduate Certificate in Information Technology Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.30.90 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a degree (or in the case of direct entry to the Master’s programme, a first or second class Honours degree) from a United Kingdom university (in Science or Engineering but excluding Electronics or Computer Science); or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.30.91 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.30.92 The courses are available by full-time study only.

Curriculum

19.30.93 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

48 913 IT in Business 5 12

52 901 Programming in Java 5 24

52 902 Fundamentals of Computer Systems 5 12

52 903 Communications, Theory and Practice 5 12

52 904 Advanced Design Issues 5 12

EE 932 Electronic Data Acquisition 5 24

EE 933 Embedded Computer Systems 5 12

EE 934 Digital Signal Processing and Multimedia   
Systems 5 12

EE 935 Digital Communications Systems 5 12

Students for the degree of MSc only

EF 900 Project 5 60

Examination, Progress and Final Assessment

19.30.94 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.30.96 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Information Technology 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 EF 900.

19.30.97 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Information Technology Systems, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.30.98 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Information Technology Systems, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

FACULTY OF ENGINEERING

FACULTY COURSES

Faculty Postgraduate Programme in Sustainable Engineering

Postgraduate courses 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.

MSc in Sustainable Engineering

Postgraduate Diploma in Sustainable Engineering

Postgraduate Certificate in Sustainable Engineering:

Advanced Construction Technologies and Building Information Management

Architecture and Ecology

Chemical Processing

Marine Technology

Offshore Renewable Energy

Renewable Energy Systems and the Environment

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.40.1 Regulations 19.1.1 and 19.1.2 shall apply.

Mode of Study

19.40.2 The courses are available by full-time and part-time study.

Course Structure

19.40.3 The following distinct pathways are named postgraduate awards in Sustainable Engineering of the Faculty of Engineering

**Advanced Construction Technologies and Building Information Management**

Architecture and Ecology

**Chemical Processing**

**Marine Technology**

**Offshore Renewable Energy**

**Renewable Energy Systems and the Environment**

19.40.4 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits including AB975 Sustainability.

for the Postgraduate Diploma no fewer than 120 credits including AB975 Sustainability and EF936 Sustainable Engineering Group Project.

For the degree of MSc no fewer than 180 credits including EF900 Individual Project.

**Sustainable Engineering: Advanced Construction Technologies and Building Information Management**

Compulsory Classes Level Credits

AB 975 Sustainability 5 10

AB 991 Building Information Management 5 10

AB 998 Advanced Construction Technologies 5 10

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

Optional Classes

Students shall undertake no fewer than 50 credits of option classes from List A or the Faculty-wide classes listed in regulation 19.40.5.

List A

AB 992 Contract Administration and Practice 5 10

AB 995 Facilities Management 5 10

**Sustainable Engineering: Architecture and Ecology**

AB 975 Sustainability 5 10

AB 987 Arcology 5 10

AB 979 Architectural & Construction History 5 10

22 563 Ecology, Sustainability and the Built

Environment 5 10

ME 927 Energy Resources and Policy 5 10 AB 936 Urban Design History 5 10

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

Optional classes

All students shall undertake 20 credits from the Faculty-wide classes listed in Regulation 19.40.5.

Sustainable Engineering: Chemical Processing

AB 975 Sustainability 5 10

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

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 classes listed in Regulation 19.40.5.

**List A**

CP 945 Process Design Principles 5 10

CP 959 Advanced Process Design 5 10

List B

CP 846 Petrochemical Engineering 5 10

CP 940 Emerging Technologies 5 10

CP 942 Safety Management Practices 5 10

CP 943 Programming and Optimisation 5 10

CP 528 Modern Methods of Process Measurement 5 10

CP 523 Molecular Simulation in Chemical Eng 5 10

CP 537 Electrochemical Energy Devices 5 10

CP 516 Clean Combustion Technologies 5 10

CP 537 Molecular and Interfacial science 5 10

**Sustainable Engineering: Marine Technology**

Compulsory Classes\*

AB 975 Sustainability 5 10

NM 961 Design and Construction of FPSOs 5 10

NM 950 Maritime Safety and Risk 5 10

NM 958 Risers and Mooring Lines 5 10

NM 962 Advanced Marine Structures 5 10

NM 963 Theory and Practice of Marine CFD 5 10

\*Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

Optional Classes

Students shall undertake 20 credits from the Faculty-wide classes listed in Regulation 19.40.5

Sustainable Engineering: Offshore Renewable Energy

Compulsory Classes\*

AB 975 Sustainability 5 10

NM 960 Finite Element Analysis of Floating Structures 5 10

NM 969 Renewable Marine Energy Systems 5 10

NM 978 Physical Testing of Offshore Renewable Devices 5 10

ME 929 Electrical Power Systems 5 10

ME 927 Energy Resources and Policy 5 10

\*Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

Optional Classes

Students shall undertake 20 credits from the Faculty-wide classes listed in Regulation 19.40.5

**Sustainable Engineering: Renewable Energy Systems and the Environment**

AB 975 Sustainability 5 10

ME 929 Electrical Power Systems 5 10

ME 927 Energy Resources and Policy 5 10

ME 928 Energy Systems Analysis 5 10

ME 930 Energy Modelling and Monitoring 5 10

\*Exceptionally, the appropriate Course Director may approve the substitution of one of the pathway classes.

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 936 Sustainable Engineering Group Project 5 40

Students for the degree of MSc only

EF 900 Individual Project 5 60

Optional Classes

Students shall undertake 30 credits from the Faculty-wide classes listed in Regulation 19.5.40.

19.40.5 Faculty-wide Classes

EF 929 Financial Engineering 5 10

EF 927 Design Management 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EV 939 Environmental Impact Assessment 5 10

EF 945 Knowledge and Information Management 5 10

19.40.6 Regulations 19.1.25 – 19.1.33 shall apply.

19.40.7 The final assessment will be based on performance in the examinations, coursework, the Individual Project where undertaken.

Award

19.40.8 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.

19.40.9 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 course curriculum.

19.40.10 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 course curriculum.

19.40.11

to 19.40.40 (Numbers not used.)

FACULTY OF ENGINEERING

FACULTY COURSES

Certificate in Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.40.41 All students will normally have been admitted in the first instance to the MRes in Engineering.

**Duration of Study**

19.40.42 Regulation 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.40.43 The course is available by full-time and part-time study.

Curriculum

19.40.44All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 931 Research Protocols for Science and

Engineering 5 10

and either

DM 933 Engineering Risk Management 5 10

Or

EF 931 Project Management 5 10

Optional Classes

No fewer than 40 credits chosen from Level 5 classes offered by the Faculty of Engineering, as approved by the Director of Studies.

Examination, Progress and Final Assessment

19.40.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.40.46 The final assessment will be based on performance in the examinations, and coursework.

Award

19.40.47 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Engineering, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.40.48 to

19.40.63 (numbers not used)

FACULTY OF ENGINEERING

FACULTY COURSES

ENGINEERING PROJECT MANAGEMENT

MSc in Engineering Project Management

Postgraduate Diploma in Engineering Project Management

Postgraduate Certificate in Engineering Project Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.40.64 Admission

Notwithstanding Regulation 19.1.1, 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 Science or Engineering; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

19.40.65 Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply.

19.40.66 Mode of Study

The courses are available by full or part-time study.

19.40.67 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the classes in List A

for the Postgraduate Diploma no fewer than 120 credits, including 60 fromList A, no fewer than 30 from the classes in List B and a Group Project of 30 credits

for the degree of MSc no fewer than 180 credits, including the Project.

Classes

**List A Faculty-wide Classes**  Level Credits

EF 937 Design Management 5 10

EF 938 Risk Management 5 10

CP 941 Understanding Financial Information 5 10

CD 901 Project Management 5 10

M9 851 Commercial Management 5 10

EF 939 Management of Total Quality and Continuous

Improvement 5 10

**List B Specialist Classes**

ME 919 Electrical Power Systems 5 10

ME 921 Environmental Performance and Related

Technologies 5 10

ME 922 Energy Resources and Policy 5 10

ME 924 Power Plant Systems 5 10

ME 926 Nuclear Power Systems 5 10

DM 936 Project Control and Change Management 5 10

EE 990 Regulatory Affairs and Asset Management 5 10

Such other Faculty Level 5 classes, as approved by the Course Director.

Students for the degree of MSc and Postgraduate Diploma will undertake

EF 931 Project Engineering: Group Project 5 30

Students for the degree of MSc only

EF 900 Project 5 60

19.40.68 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.40.69 **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 EF 900.

19.40.70 **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 course curriculum.

19.40.71 **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 classes of the course.

19.40.71 to

19.40.99 (numbers not used)

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ADVANCED ARCHITECTURAL STUDIES

MSc in Advanced Architectural Studies

Postgraduate Diploma in Advanced Architectural Studies

Postgraduate Certificate in Advanced Architectural Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.41.1 Notwithstanding Regulation 19.1.1 applicants shall possess

(i) an Honours degree in Architecture of a university in the United Kingdom; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above.

Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma.

Duration of Study

19.41.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.41.3 The courses are available by full-time study only.

Curriculum

19.41.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

AB 964 Design Studies 5A 5 20

AB 965 Design Studies 5B 5 40

AB 966 Special Study Project 5 5 20

AB 967 Cultural Studies 5 5 20

AB 968 Professional Studies 5 20

Such other classes as may be approved by the Course Director

Students for the degree of MSc only

22 900 Dissertation 5 60

Examination, Progress and Final Assessment

19.41.5 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.41.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Architectural 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 22 900.

19.41.8 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Architectural Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.41.9 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Architectural Studies, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.41.10 (Number not used)

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ADVANCED ARCHITECTURAL DESIGN

MArch in Advanced Architectural Design

Postgraduate Diploma in Advanced Architectural Design

Postgraduate Certificate in Advanced Architectural Design

Graduate Diploma in Advanced Architectural Design

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.41.11 Notwithstanding Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to the above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.41.12 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.41.13 The courses are available by full-time study only.

Curriculum

19.41.14 All students shall undertake an approved curriculum as follows

for the Graduate Diploma no fewer than 120 credits from the first year of the programme

for the Postgraduate Certificate no fewer than 60 credits from the second year of the programme

for the Postgraduate Diploma no fewer than 120 credits from the second year of the programme

for the degree of MArch no fewer than 180 credits including a project from the second year of the programme

First Year

All students shall follow an approved curriculum as follows

Compulsory Classes Level Credits

AB 418 Design Studies 4A 4 20

AB 419 Design Studies 4B 4 40

AB 420 Cultural Studies 4 4 40

AB 421 Special Study Project 4 4 20

**Second Year**

Compulsory Classes Level Credits

AB 964 Design Studies 5A 5 20

AB 965 Design Studies 5B 5 40

AB 966 Special Study Project 5 5 20

AB 967 Cultural Studies 5 5 20

AB 968 Professional Studies 5 20

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director

Students for the degree of MArch only

22 900 Project 5 60

Examination, Progress and Final Assessment

19.41.15 Regulations 19.1.25 – 19.1.33 shall apply.

In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits including all the first year compulsory classes.

19.41.16 The final assessment will be based on performance in the first attempt examinations, coursework andthe Project where undertaken.

Award

19.41.17 **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 22 900.

19.41.18 **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 curriculum, including all the second year compulsory classes.

19.41.19 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Advanced Architectural Design, a candidate must have accumulated no fewer than60 credits from the second year curriculum.

19.41.20 **Graduate Diploma**: In order to qualify for the award of the Graduate Diploma in Architectural Studies, a candidate must have accumulated no fewer 120 credits from the first year course curriculum.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ARCHITECTURAL STUDIES

Postgraduate Diploma in Architectural Studies

Postgraduate Certificate in Architectural Studies

Graduate Diploma in Architectural Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.41.21 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.41.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.41.23 The course is available by full-time study only.

Curriculum

19.41.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Diploma no fewer than 240 credits

for the Postgraduate Certificate no fewer than 180 credits

for the Graduate Diploma no fewer than 120 credits

First Year

19.41.25 All students shall follow an approved curriculum as follows

Compulsory Classes Level Credits

AB 418 Design Studies 4A 4 20

AB 419 Design Studies 4B 4 40

AB 420 Cultural Studies 4 4 40

AB 421 Special Study Project 4 4 20

Second Year

19.41.26 Students for the Postgraduate Certificate shall undertake an approved curriculum amounting to no fewer than 60 credits chosen from the list below.

Students for the Postgraduate Diploma in addition shall undertake a further 60 credits.

Classes Level Credits

AB 964 Design Studies 5A 5 20

AB 965 Design Studies 5B 5 40

AB 966 Special Study Project 5 5 20

AB 967 Cultural Studies 5 5 20

AB 968 Professional Studies 5 20

Such other classes as may be approved by the Course Director

Examination, Progress and Final Assessment

19.41.27 Regulations 19.1.25 – 19.1.33 shall apply.

19.41.28 In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits including all the first year compulsory classes. From the total first year credits, 100 must have been gained at the first assessed attempt. In addition, a student must have achieved a level of performance that is acceptable to the Course Director and as detailed in the Course Handbook.

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

Award

19.41.30 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Architectural Studies, a candidate must have accumulated no fewer than 240 credits including all the second year compulsory classes.

19.41.31 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Architectural Studies, a candidate must have accumulated no fewer than 180 credits including those for all the first year compulsory classes and at least 60 from the second year.

19.41.32 **Graduate Diploma:** In order to qualify for the award of the Graduate Diploma in Architectural Studies, a candidate must have accumulated no fewer 120 credits from the course curriculum.

19.41.33

to 19.41.140 (Numbers not used)

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

URBAN DESIGN

MSc in Urban Design

Postgraduate Diploma in Urban Design

Postgraduate Certificate in Urban Design

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1.]

Admission

19.41.141 Notwithstanding Regulation 19.1.1, 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.

Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.41.142 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.41.143 The courses are available by full-time and part-time study.

Curriculum

19.41.144 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits for the degree of MSc no fewer than 180 credits a dissertation project

Compulsory Classes Level Credits

AB 931 Urban Design Studio 1a: Analysis 5 10

AB 932 Urban Design Studio 1b: Programme 5 10

AB 973 Urban Design Studio 2: Framework and

Coding 5 20

AB 974 Urban Design Studio 3: Masterplanning 5 20

AB 936 Urban Design History 5 10

EC 940 Business Models, Financing and Urban

Business Case Analysis) 5 10

EC 942 Public Policy, Governance and Strategic

Change in Cities 5 10

Either

AB 939 Urban Theory 5 10

Or

AB 975 Sustainability 5 10

Optional Classes

No fewer than 20 credits chosen from

AB 935 Urban Landscape Design 5 10

AB 938 Urban Design Representation 5 10

EF 931 Project Management 5 10

EF 909 Financial Engineering 5 10

AB 988 Cultural Behavioural Factors Architecture

and Urbanism 5 10

EC 939 Understanding & Modelling Cities 5 10

EC 937 City Systems and Infrastructure 5 10

\*Exceptionally, such other classes as approved by the Course Director

Students for the degree of MSc only

AB 947 Dissertation Project 5 60

Examination, Progress and Final Assessment

19.41.145 Regulations 19.1.25 – 19.1.33 shall apply.

19.41.146 The final assessment will be based on performance in the examinations, coursework and the Dissertation Project where undertaken.

Award

19.41.147 **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 AB 947.

19.41.148 **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 classes of the course.

19.41.149 **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 classes of the course.

19.41.150

to 19.41.160 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ARCHITECTURE**

**ARCHITECTURAL DESIGN FOR THE CONSERVATION OF BUILT HERITAGE**

**MSc 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**

# Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1 General Regulations for Postgraduate Awards by Instruction]

# Admission

## 1 19.41.187 Notwithstanding Regulation 19.1.1, 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.

Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.41.188 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.41.189 The courses are available by full-time and part-time study.

**Curriculum**

19.41.190 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from classes in List A

for the Postgraduate Diploma no fewer than 120 credits including those for all the classes in List A

for the degree of MSc no fewer than 180 credits including those for all the classes in List A and a dissertation project

|  |  |  |  |
| --- | --- | --- | --- |
| Classes | | Level | Credits |
| **List A** Compulsory Classes\* | | | |
| AB 978 | Theory of Conservation | 5 | 10 |
| AB 979 | Architectural and Construction History | 5 | 10 |
| AB 980 | Legislation and Regulations | 5 | 10 |
| AB 981 | Survey, Preliminary Studies and Investigations in Architectural Heritage | 5 | 10 |
| AB 982 | Materials and Decay | 5 | 10 |
| AB 983 | Conservation Design Project | 5 | 40 |
| AB 984 | Structural repairs and strengthening | 5 | 10 |
| AB 985 | Conservation Materials Technology | 5 | 10 |

\* Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director

|  |  |  |  |
| --- | --- | --- | --- |
| **List B** Optional Classes  10 credits chosen from | | | |
| AB 936 | Urban History | 5 | 10 |
| AB 939 | Urban Theory | 5 | 10 |
| AB 943 | Real Estate Development | 5 | 10 |
| AB 946 | Urban Design Policy and Practice | 5 | 10 |
| AB 975 | Sustainability | 5 | 10 |
| AB 930 | Construction Project Management | 5 | 10 |

Students for the degree of MSc only

|  |  |  |  |
| --- | --- | --- | --- |
| AB 986 | Dissertation Project | 5 | 60 |

**Examination, Progress and Final Assessment**

19.41.191 Regulations 19.1.25 – 19.1.33 shall apply.

19.41.192 The final assessment will be based on performance in the examinations, coursework and the Dissertation Project where undertaken.

**Award**

19.41.193 **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 classes in List A, of which 60 must have been awarded in respect of the Dissertation Project AB 986.

19.41.194 **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 classes in List A.

19.41.195 **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 classes in List A.

19.41.196

to 19.41.206 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ARCHITECTURE**

ARCHITECTURAL DESIGN (INTERNATIONAL)

MArch in Architectural Design (International)

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.41.207 Notwithstanding Regulation 19.1.1 applicants shall possess

(i) An Honours degree in Architecture of a university in the United Kingdom; or

(ii) A qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above.

(iii) In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

(iv) All applicants will be expected to submit a portfolio to the satisfaction of the Course Director, and may be invited to interview.

Duration of Study

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

Mode of Study

19.41.209 The course is available by full-time study only.

Curriculum

19.41.210 All students shall undertake an approved curriculum as follows

for the Graduate Diploma no fewer than 120 credits

for the Postgraduate Certificate no fewer than 180 credits

for the Postgraduate Diploma no fewer than 240 credits

for the degree of MArch no fewer than 300 credits including a project

First Year

19.41.211 All students shall follow an approved curriculum amounting to no fewer than 120 credits as follows

Compulsory Classes Level Credits

AB 418 Design Studies 4A 4 20

AB 419 Design Studies 4B 4 40

AB 420 Cultural Studies 4 4 40

AB 421 Special Study Project 4 4 20

Second Year

19.41.212 Students shall follow an approved curriculum amounting to no fewer than 120 credits chosen as follows.

Compulsory Classes Level Credits

AB 964 Design Studies 5A 5 20

AB 965 Design Studies 5B 5 40

AB 966 Special Study Project 5 5 20

AB 967 Cultural Studies 5 5 20

AB 968 Professional Studies 5 20

Such other classes as may be approved by the Course Director

For the degree of MArch only

22 900 Project 5 60

Examination, Progress and Final Assessment

19.41.213 Regulations 19.1.25 – 19.1.33 shall apply.

In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits including all the first year compulsory classes. In addition, a student must have achieved a level of performance that is acceptable to the Course Director and as detailed in the Course Handbook.

19.41.214 The final assessment will be based on performance in the examinations, coursework, the 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 normally have accumulated no fewer than 300 credits, of which 60 must have been awarded in respect of the Project 22 900.

19.41.215 **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 240 credits including all the second year compulsory classes.

19.41.216 **Postgraduate Certificate:** In order to qualify for the award of the Graduate Certificate in Architectural Design (International) a candidate must normally have accumulated no fewer 180 credits from the course curriculum.

19.41.217 **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 course curriculum.

**FACULTY OF ENGINEERING**

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

MSc in Biomedical Engineering

**MSc in Biomedical Engineering with Biomechanics**

**MSc in Biomedical Engineering with Cell and Tissue Engineering**

Postgraduate Diploma in Biomedical Engineering

Postgraduate Certificate in Biomedical Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.42.30 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study

19.42.31 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.42.32 The courses are available by full-time and part-time study.

Curriculum

19.42.33 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

Either

BE 911 Engineering Science 5 20

Or

BE 915 Medical Science for Engineering 5 20

BE 918 Professional Studies in Biomedical Engineering 5 10

BE 919 Research Methodology 5 10

BE 909 Biomedical Electronics 5 10

BE 908 Biomedical Instrumentation 5 10

As permitted by Regulation 19.1.3 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

***For the degree of MSc in Biomedical Engineering with Biomechanics***

BE 902 Prosthetics and Orthotics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 916 Introduction to Biomechanics 5 10

No fewer than 30 credits from the list of optional classes

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

BE 900 Tissue Mechanics 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 906 Biomaterials and Biocompatibility 5 10

No fewer than 30 credits from the list of optional classes

***For the degree of MSc in Biomedical Engineering***

No fewer than 60 credits from the list of optional classes

Optional Classes

No fewer than 60 credits chosen from

BE 916 Introduction to Biomechanics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 900 Tissue Mechanics 5 10

BE 906 Biomaterials and Biocompatibility 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 903 Cardiovascular Devices 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 912 Anatomy & Physiology 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in

Biomedical Engineering 5 10

Students for the Postgraduate Diploma only in addition will have the

optional class

BE 914 Biomedical Engineering Dissertation 5 20

Students for the degree of MSc only in addition will undertake

BE 907 Project 5 60

Examination, Progress and Final Assessment

19.42.34 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.42.36 **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 classes within the curriculum and the Project BE907.

19.42.37 **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 course curriculum.

19.42.38 **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 classes of the course curriculum.

19.42.39

to 19.42.80 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**MEDICAL DEVICES**

**MSc in Medical Devices**

**Postgraduate Diploma in Medical Devices**

**Postgraduate Certificate in Medical Devices**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.42.81 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

**Duration of Study**

19.42.82 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.42.83 The courses are available by full-time and part time study.

**Curriculum**

19.42.84 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits of which no fewer than 20 shall be derived from a dissertation

for the degree of MSc no fewer than 180 credits including a project

As permitted by Regulation 19.1.4 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Classes Level Credits

BE 915 Medical Science for Engineering 5 20

MP 931 Generic Biomedical and Pharmacetical

Research Skills 5 20

BE 918 Professional Studies in

Biomedical Engineering 5 10

BE 919 Research Methodology 5 10

BE 909 Biomedical Electronics 5 10

MP 959 Advanced Techniques in Biomedical

Research 5 10

BE 920 The Medical Device Regulatory Process 5 10

Students for the degree of MSc only

BE 910 EngD/MSc Medical Devices Project 5 20

BE 908 Biomedical Instrumentation 5 10

No fewer than 60 credits from the list of optional classes 5 60

Students for the Postgraduate Diploma only

BE 914 PGDip Medical Devices Dissertation 5 20

No fewer than 10 credits from the list of optional classes 5 10

Optional Classes

BM 918 Clinical Biochemistry 5 10

BE 916 Introduction to Biomechanics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 900 Tissue Mechanics 5 10

BE 906 Biomaterials and Biocompatibility 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 903 Cardiovascular Devices 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in

Biomedical Engineering 5 10

MP 941 Advanced Techniques in Biochemistry 5 10

MP 946 Advanced Techniques in Molecular Biology 5 10

**Examination, Progress and Final Assessment**

19.42.85 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

19.42.87 **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.

19.42.88 **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.

19.42.89 **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 classes of the course.

19.42.90 (Number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

MEDICAL TECHNOLOGY

Postgraduate Certificate in Medical Technology

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.42.91 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.42.92 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.42.93 The course is available by full-time and part-time on-line study.

Curriculum

19.42.94 All students shall undertake an approved curriculum as follows.

Compulsory Classes Level Credits

BE 918 Professional Studies in Biomedical Engineering 5 10

BE 919 Research Methodology 5 10

BE 920 The Medical Device Regulatory Process 5 10

Either

BE 911 Engineering Science 5 20

Or

BE 915 Medical Science for Engineering 5 20

dependent on the academic background of the student and chosen after consultation with the Course Director.

No fewer than 10 credits from the list of optional classes 5 10

Optional Classes

BE 916 Introduction to Biomechanics 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 900 Tissue Mechanics 5 10

BE 909 Biomedical Electronics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 906 Biomaterials and biocompatibility 5 10

BE 903 Cardiovascular Devices 5 10

BE 908 Biomedical Instrumentation 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in

Biomedical Engineering 5 10

Examination, Progress and Final Assessment

19.42.95 Regulations 19.1.25 – 19.1.33 shall apply.

19.42.96 The final assessment will be based on performance in the examinations and the coursework.

Award

19.42.97 **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 classes.

19.42.98

to 19.42.125

**FACULTY OF ENGINEERING**

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS REHABILITATION STUDIES

MSc Prosthetics Rehabilitation Studies

**Postgraduate Diploma in Prosthetics Rehabilitation Studies**

**Postgraduate Certificate in Prosthetics Rehabilitation Studies**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.42.155 Regulations 19.1.1 and 19.1.3 shall apply. Students must be qualified professional prosthetists.

Mode of Study

19.42.156 The courses are available by distance-learning only.

Curriculum

19.42.157 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including the compulsory classes

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

94 938 Research Methodology 5 20

94 915 Data Analysis 5 20

94 937 Advanced Prosthetic Science 5 20

94 929 Lower Limb Prosthetic Biomechanics 5 20

No fewer than 40 credits chosen from the list of optional classes

Optional Classes Level Credits

94 904 Orthotic Studies 5 20

94 927 Clinical Governance 5 20

94 928 Introductory Biomechanics 5 20

94 930 Lower Limb Orthotic Biomechanics 5 20

94 936 Clinical Gait Analysis 5 20

Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only

94 900 Project 5 60

Examination, Progress and Final Assessment

19.42.158 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.42.160 **Degree of MSc:** In order to qualify for the award of the degree of MSc in the chosen course, 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 course curriculum, of which 60 must have been awarded in respect of the Project 94 900.

19.42.161 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen course, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.42.162 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen course, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.42.163

to 19.42.183 (numbers not used)

**FACULTY OF ENGINEERING**

DEPARTMENT OF BIOMEDICAL ENGINEERING

ORTHOTICS REHABILITATION STUDIES

MSc Orthotics Rehabilitation Studies

**Postgraduate Diploma in Orthotics Rehabilitation Studies**

**Postgraduate Certificate in Orthotics Rehabilitation Studies**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.42.184 Regulations 19.1.1 and 19.1.3 shall apply. Students must be qualified professional orthotists.

Mode of Study

19.42.185 The courses are available by distance-learning only.

Curriculum

19.42.186 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including the compulsory classes

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

94 938 Research Methodology 5 20

94 915 Data Analysis 5 20

94 935 Advanced Orthotic Science 5 20

94 930 Lower Limb Orthotic Biomechanics 5 20

No fewer than 40 credits chosen from the list of optional classes

Optional Classes Level Credits

94 905 Prosthetic Studies 5 20

94 927 Clinical Governance 5 20

94 928 Introductory Biomechanics 5 20

94 929 Lower Limb Prosthetic Biomechanics 5 20

94 936 Clinical Gait Analysis 5 20

Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only

94 900 Project 5 60

Examination, Progress and Final Assessment

19.42.187 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.42.189 **Degree of MSc:** In order to qualify for the award of the degree of MSc in the chosen course, 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 course curriculum, of which 60 must have been awarded in respect of the Project 94 900.

19.42.190 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen course, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.42.191 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen course, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.42.192

to 19.42.212 (number not used)

**FACULTY OF ENGINEERING**

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS AND ORTHOTICS REHABILITATION STUDIES

**MSc Prosthetics and Orthotics Rehabilitation Studies**

**Postgraduate Diploma in Prosthetics and Orthotics Rehabilitation Studies**

**Postgraduate Certificate in Prosthetics and Orthotics Rehabilitation Studies**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.42.213 Regulations 19.1.1 and 19.1.3 shall apply. Students must be qualified professional prosthetists and orthotists.

Mode of Study

19.42.214 The courses are available by distance-learning only.

Curriculum

19.42.215 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including the compulsory classes

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

94 938 Research Methodology 5 20

94 915 Data Analysis 5 20

94 937 Advanced Prosthetic Science 5 20

94 935 Advanced Orthotic Science 5 20

No fewer than 40 credits chosen from the list of optional classes

Optional Classes Level Credits

94 927 Clinical Governance 5 20

94 928 Introductory Biomechanics 5 20

94 929 Lower Limb Prosthetic Biomechanics 5 20

94 930 Lower Limb Orthotic Biomechanics 5 20

94 936 Clinical Gait Analysis 5 20

Such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only

94 900 Project 5 60

Examination, Progress and Final Assessment

19.42.216 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.42.218 **Degree of MSc:** In order to qualify for the award of the degree of MSc in the chosen course, 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 course curriculum, of which 60 must have been awarded in respect of the Project 94 900.

19.42.219 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the chosen course, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.42.220 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in the chosen course, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.42.221 to

19.42.241 (numbers not used)

**FACULTY OF ENGINEERING**

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS AND ORTHOTICS

MSc in Prosthetics and Orthotics

Postgraduate Diploma in Prosthetics and Orthotics

Postgraduate Certificate in Prosthetics and Orthotics

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.42.242 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. 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

19.42.243 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.42.244 The courses are available by full-time and part-time study.

Curriculum

19.42.245 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

As permitted by Regulation 19.1.4 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Classes Level Credits

# Either

# BE 911 Engineering Science 5 20

# Or

BE 915 Medical Science for Engineering 5 20

BE 918 Professional Studies in Biomedical 5 10

Engineering

BE 919 Research Methodology 5 10

BE921 Disability and Societal Effects 5 20

Optional List A (No fewer than 40 credits chosen from)

BE 929 Orthotic Management of Neurological

Condition B 5 20

BE 930 Orthotic Management of Diabetic Foot B 5 20

BE 931 Hip, Knee and Ankle Disarticulation B 5 20

BE 932 Clinical Governance B 5 20

BE 933 Orthotic Management of Spinal Deformity B 5 20

BE 934 Clinical Gait Analysis 5 20

BE 935 Upper Limb Prosthetics B 5 20

BE 936 Lower Limb Prosthetic Design B 5 20

BE 937 Paediatric Lower Limb Prosthetics B 5 20

Optional list B (No fewer than 20 credits chosen from)

BE 916 Introduction to Biomechanics 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 900 Tissue Mechanics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 906 Biomaterials and Biocompatibility 5 10

BE 903 Cardiovascular Devices 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in Biomedical Engineering 5 10

Students for the Postgraduate Diploma only in addition will have the optional class

BE 922 PGDip Prosthetic and Orthotic Dissertation 5 20

Students for the degree of MSc only in addition will undertake

94 500 Prosthetic and Orthotic Masters Project 5 60

Examination, Progress and Final Assessment

19.42.246 Regulations 19.1.19, 19.1.20 and 19.1.27 shall apply.

19.42.247 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken.

Award

19.42.248 **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 classes within the curriculum and the Project 94500.

19.42.249 **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.

19.42.250 **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 classes of the course of which 40 must have been awarded from the list of compulsory and optional List A classes.

19.42.251 to

19.42.281 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**BIOFLUID MECHANICS**

**MSc in Biofluid Mechanics**

**Postgraduate Diploma in Biofluid Mechanics**

**Postgraduate Certificate in Biofluid Mechanics**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.42.282 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

**Duration of Study**

19.42.283 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.42.284 The courses are available by full-time study.

**Curriculum**

19.42.285 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

As permitted by Regulation 19.1.3 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Compulsory Classes Level Credits

BE 915 Medical Science for Engineering 5 20

BE 918 Professional Studies in Biomedical

Engineering 5 10

BE 919 Research Methodology 5 10

BE 926 Biofluid Mechanics 5 20

BE 927 Industrial Software 5 20

***MSc in Biofluid Mechanics***

No fewer than 40 credits from the list of optional classes

Optional Classes

BE 923 Haemodynamics for Engineers 5 10

BE 925 Numerical Modelling in Biomedical

Engineering 5 10

BE 903 Cardiovascular Devices 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 500 Entrepreneurship & Commercialization

in Biomedical Engineering 5 10

BE 916 Introduction to Biomechanics 5 10

MM 506 Finite Element Methods for Boundary

Value Problems and Approximation 5 20

MM 508 Mathematical Biology and

Marine Population Modelling 5 20

EF 927 Design Management 5 10

EF 932 Risk Management 5 10

Students for the Postgraduate Diploma only in addition will have the optional class

BE 914 Biomedical Engineering Dissertation 5 20

Students for the degree of MSc only in addition will undertake

BE 907 Project 5 60

**Examination, Progress and Final Assessment**

19.42.286 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

19.42.288 **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 classes within the curriculum and the Project.

19.42.289 **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 course curriculum.

19.42.290 **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 classes of the course curriculum.

19.42.291

to 19.42.321 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

PROCESS TECHNOLOGY AND MANAGEMENT

MSc in Process Technology and Management

Postgraduate Diploma in Process Technology and Management

Postgraduate Certificate in Process Technology and Management

CHEMICAL TECHNOLOGY AND MANAGEMENT

MSc in Chemical Technology and Management

Postgraduate Diploma in Chemical Technology and Management

Postgraduate Certificate in Chemical Technology and Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.43.1 Notwithstanding Regulation 19.1.1, 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 a relevant discipline; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; and

(iii) in addition, all successful applicants shall have appropriate professional experience and shall normally be employed in the appropriate industry.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.43.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.43.3 The courses are available by part-time distance learning study only.

Curriculum

19.43.4 MSc Process Technology and Management students shall take all classes from the Process Technology and Business and Management lists, and an approved curriculum from the optional list.

MSc Chemical Technology and Management students shall take all classes from the compulsory Chemical Technology and Business and Management lists, and an approved curriculum from the optional list.

**Compulsory Classes (Process Technology)**

CP 917 Process Design Principles 5 10

CP 964 Process Analysis in Chemical Engineering 5 20

CP 959 Advanced Process Design 5 10

CP 968 Ethics, Sustainability and Environmental

Engineering 5 10

**Compulsory Classes (Chemical Technology)**

CP 917 Process Design Principles 5 10

CH 917 Analytical techniques for industry 5 30

CH 918 Multivariate Analysis and Process Analysis for

Industry 5 10

CP 968 Ethics, Sustainability and Environmental

Engineering 5 10

**Compulsory Classes (Business and Management)** Level Credits

CP 931 Understanding Financial Information 5 10

CP 935 IT Strategy 5 10

CP 933 Project Management 5 10

CP 934 Business and Technology Strategy 5 10

Optional classes

CP 918 Safety Management Practices 5 10

CP 919 Programming and Optimisation 5 10

CP 921 Emerging Technologies 5 10

CP 925 Petrochemical Engineering 5 10

CP 926 Multi-Phase Processing 5 10

CP 932 Managing People 5 10

CP 950 Modern Process Measurements 5 10

CP 953 Membrane Technology 5 10

CP 955 Molecular simulation in chemical engineering 5 10

CP 930 Management of Technological Innovation 5 10

CP 950 Modern Process Measurements 5 10

CP 953 Membrane Technology 5 10

CP 971 Petroleum Engineering 5 10

ME 948 Hydraulics 5 10

ME 950 Boiler Thermal Hydraulics 5 10

ME 945 Introduction to Open Source CFD 5 10

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director

A maximum of 30 credits from the classes from the compulsory lists may be substituted for classes from the optional list provided that the student can demonstrate prior learning of a similar level and content, and obtain agreement from the course director.

Students for the degree of MSc only

CP 936 Project 5 60

Examination, Progress and Final Assessment

19.43.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.43.6 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken

Award

19.43.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Process Technology and Management, or Chemical Technology andManagement 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 course curriculum, including the 60 credit project.

19.43.8 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Process Technology and Management or Chemical Technology and Management, a candidate must have accumulated no fewer than 120 credits from an approved course curriculum.

19.43.9 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Process Technology and Management or Chemical Technology and Management a candidate must have accumulated no fewer than 60 credits from an approved course curriculum.

19.43.12

to 19.43.40 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

ADVANCED CHEMICAL AND PROCESS ENGINEERING

MSc in Advanced Chemical and Process Engineering

Postgraduate Diploma in Advanced Chemical and Process Engineering

**Postgraduate Certificate in Advanced Chemical and Process Engineering**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.43.41 Notwithstanding Regulation 19.1.1, 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 a relevant discipline; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.43.42Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.43.43 As permitted by Regulation 19.1.8, study may be undertaken at University of Strathclyde or within other institutions or agencies approved by Senate.

Mode of Study

19.43.44 The courses are available by full-time study only.

Curriculum

19.43.45 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

**Compulsory Classes**

CP 967 Project Scoping 5 20

Together with a further 40credits chosen from List C above below.

Students for the degree of MSc only:

CP 949Individual Project 5 60

Optional Classes

No fewer than 60 credits including at least 10 from List A, 30 from List B and 10 from List C

List A\*

Level Credits

CP 917 Process Design Principles 5 10

CP 959 Advanced Process Design 5 10

List B

CP 527 Petrochemical Engineering 5 10

CP 516 Emerging Technologies 5 10

CP 531 Frontiers of chemical engineering 5 10

CP 533 Clean Combustion technologies 5 10

CP 530 Safety Management Practices 5 10

CP 529 Programming and Optimisation 5 10

CP 535 Molecular and Interfacial science 5 10

CP 537 **Electrochemical Energy Devices** 5 10

CP 528 Modern Methods of Process Measurement 5 10 CP 523 Molecular Simulation in Chemical Eng 5 10

List C\*

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EF929 Financial Engineering 5 10

EV 939 Environmental Impact Assessment 5 10

EF945 Knowledge and Information Manag. for Eng 5 10

\*Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director.

Examination, Progress and Final Assessment

19.43.46 Regulations 19.1.25 – 19.1.33 shall apply.

19.43.47 The final assessment will be based on performance in the examinations, coursework and the Project where undertaken

Award

19.43.48 **Degree of MSc**: In order to qualify for the award of the degree of MSc in 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, of which 20 credits must be awarded for Project Scoping CP967 and 60 credits must have been awarded in respect of the Individual Project CP 949.

19.43.49 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Chemical and Process Engineering, a candidate must have accumulated no fewer than 120 credits, of which 20 credits must be awarded for the Project Scoping CP 967.

19.43.50 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Chemical and Process Engineering, a candidate must have accumulated no fewer than 60 credits from the curriculum.

19.43.51 to

19.43.71 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

**ENERGY SYSTEMS INNOVATION**

**MSc Energy Systems Innovation**

**Postgraduate Diploma in Energy Systems Innovation**

**Postgraduate Certificate in Energy Systems Innovation**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19 and 19.1]

19.43.72 **Admission**

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

19.43.73 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.43.74 **Mode of Study**

The course is available by full-time study only.

19.43.75 **Place of Stud**y

As permitted by Regulation 19.1.8, study may be undertaken at University of Strathclyde or within other institutions or agencies approved by Senate.

19.43.76 **Curriculum**

All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CP 527 Petroleum Engineering 5 10

CP 537 Electrochemical Energy Devices 5 10

CP 533 Clean Combustion technologies 5 10

CP 967 Project Scoping 5 20

Students for the degree of MSc only

CP 949 Individual Project 5 60

Optional Classes\*

No fewer than 70 credits chosen from

ME 928 Energy Systems Analysis 5 10

DM 994 Systems Engineering Concepts 5 10

Z1 931 Entrepreneurship, Innovation and Comm. 5 10

EF 931 Project Management 5 10

DM 920 Strategic Technology Management 5 10

DM 943 Sustainable Product Design and Manufac. 5 10

EF 932 Risk Management 5 10

EF 929 Financial Engineering 5 10

EV 939 Environmental Impact Assessment 5 10

EF 945 Knowledge and Information Manag. 5 10

*\* Exceptionally, other classes may be offered in lieu, as approved by the Course Director.*

19.43.77 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework and the Individual Project CP 949.

**Award**

19.43.78 **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 CP 949.

19.43.79 **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 classes of the course.

19.43.80 **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 classes of the course.

19.43.81 to

19.43.101 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

ENVIRONMENTAL ENGINEERING

MSc in Environmental Engineering

Postgraduate Diploma in Environmental Engineering

Postgraduate Certificate in Environmental Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.44.10 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.11 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.44.12 The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

Place of Study

19.44.13 As permitted by Regulation 19.1.8, some off-campus work may berequired. Study by Flexible Learning options will require off-campus arrangements of distance learning.

Curriculum

19.44.14 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 990 Environmental Geochemistry 5 10

Either

CL 986 Qualitative and Quantitative Research Methods 5 10

Or

CL 939 Principles of research methodology and research

design 5 10

Optional Classes\* \*\*

No fewer than 70 credits chosen from

CL 935 Hydrogeology 5 10

CL 954 Contaminated Land 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 961 Geographical Information Systems (GIS) 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 973 Independent Study in Collaboration with

Industry 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 919 Urban Water Supply and Drainage Systems 5 10

EC 937 City Systems and Infrastructure 5 10

EF 929 Financial Engineering 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

EV 921 Water and Environmental Management 5 10

M9 850 International Environmental Law 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

CL 965 Science, Technology and Innovation Policy 5 10

CL 952 Aquifer Mechanics 5 10

CL 520 Engineering Challenges in Nuclear

Decommissioning 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 989 Isotope Hydrogeology 5 10

CL 912 Occupational Health & Toxicology 5 10

EF 931 Project Management 5 10

CL 913 Public Health Studies 5 10

NM 833 Marine Renewable Energy Systems 5 10

Either

CL 994 Circular economy and transformations towards

sustainability 5 10

or

CL 988 Leading Issues in Circular Economy 5 10

Either

EV 939 Environmental Impact Assessment 5 10

Or

CL 941 Best practice in environmental impact

assessment 5 10

Either

EC 928 Energy Economics 5 10

Or

EC 960 Energy Economics 5 10

\*Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

\*\*Optional Classes for study by Flexible Learning are available subject to Regulation 19.1.17.

Students for the degree of MSc only (all modes of study)

CL 944 Project in Environmental Engineering 5 60

Examination, Progress and Final Assessment

19.44.15 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.44.17 **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 course curriculum including a project CL 944.

19.44.18 **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 classes of the course curriculum.

19.44.19 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Engineeringa candidate must have accumulated no fewer than 60 credits from the taught classes of the course curriculum.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

ENVIRONMENTAL ENTREPRENEURSHIP

MSc in Environmental Entrepreneurship

Postgraduate Diploma in Environmental Entrepreneurship

Postgraduate Certificate in Environmental Entrepreneurship

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.44.20 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Place of Study

19.44.23 As permitted by Regulation 19.1.8, some off-campus work may be required.

Curriculum

19.44.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

CL 986 Qualitative and Quantitative Research Methods 5 10

CL 929 Client-Based Environmental

Entrepreneurship in Practice 5 20

Z1 931 Entrepreneurship, Innovation and

Commercialisation 5 10

Z1938 New Venture Creation 5 10

Optional Classes

No fewer than 70 credits chosen from

CL 954 Contaminated Land 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 904 Waste Management and Landfill Design 5 10

EC 928 Energy Economics 5 10

CL 961 Geographical Information Systems 5 10

CL 973 Independent Study in Collaboration with Industry 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

EC 927 Environmental Economics 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

EV 939 Environmental Impact Assessment 5 10

ME 927 Energy Resources and Policy 5 10

ME 929 Electrical Power Systems 5 10

ME 930 Energy Modelling and Monitoring 5 10

M9 850 International Environmental Law 5 10

NM 833 Marine Renewable Energy Systems 5 10

MS 921 Foundations of Operational Research & Business

Analysis 5 10

EC 937 City Systems and Infrastructure 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

Z1 952 Creativity and Opportunity Development 5 10

CL 913 Public Health Studies 5 10

EF 929 Financial Engineering 5 10

Z1 949 Entrepreneurial Leadership and Resource

Management 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

Exceptionally, such other classes totalling no more than 20 credits, as may be approved by the Course Director

Students for the degree of MSc only:

CL 930 Project in Environmental Entrepreneurship 5 60

Examination, Progress and Final Assessment

19.44.25 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.44.27 **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 course curriculum including a project CL 930.

19.44.28 **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 classes of the course curriculum.

19.44.29 **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 classes of the course curriculum.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

CIVIL ENGINEERING

**MSc in Civil Engineering**

**MSc in Civil Engineering with Structural Engineering & Project Management**

**MSc in Civil Engineering with Geotechnical Engineering & Project Management**

**MSc in Civil Engineering with Geoenvironmental Engineering & Project Management**

**MSc Civil Engineering with Water Engineering & Project Management**

**Postgraduate Diploma in Civil Engineering**

**Postgraduate Certificate in Civil Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.44.40 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

**Duration of Study**

19. 44.41 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19. 44.42 The courses are available by full-time and part-time study.

**Curriculum**

19. 44.43 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the Project

Compulsory Classes Level Credits

CL 986 Qualitative and Quantitative Research Methods 5 10

CL 519 Group Design Project B 5 20

***MSc Civil Engineering with Structural Engineering & Project Management***

Compulsory Classes

CL 507 Ground Improvement and Reinforcement 5 10

CL 510 Advanced Structural Analysis and Design 5 10

CL 976 Prestressed Concrete, Composite Materials and

Structural Stability 5 10

EF 931 Project Management 5 10

Optional credits from List A 5 20

Optional Classes from List A or B 5 30

***MSc Civil Engineering with Geotechnical Engineering & Project* *Management***

Compulsory Classes

CL 507 Ground Improvement and Reinforcement 5 10

CL 917 Slopes and Walls 5 10

CL 923 Rock Mechanics, Tunnelling and Groundwater 5 10

EF 931 Project Management 5 10

Optional credits from List A 5 20

Optional Classes from List A or B 5 30

***MSc Civil Engineering with Geoenvironmental Engineering & Project Management***

Compulsory Classes

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 954 Contaminated Land 5 10

EF 931 Project Management 5 10

Optional credits from List A 5 20

Optional Classes from List A or B 5 30

***MSc Civil Engineering with Water Engineering & Project Management***

Compulsory Classes

CL 978 Water & Wastewater Treatment Design 5 10

CL 919 Urban Water Supply and Drainage Systems 5 10

EV 921 Water and Environment Management 5 10

EF 931 Project Management 5 10

Optional credits from List A 5 20

Optional Classes from List A or B 5 30

Students for the degree of MSc only

CL 980 Project 5 60

Optional Classes

**List A**

CL 507 Ground Improvement and Reinforcement 5 10

CL 510 Advanced Structural Analysis and Design 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 917 Slopes and Walls 5 10

CL 923 Rock Mechanics, Tunnelling and Groundwater 5 10

CL 935 Hydrogeology 5 10

CL 954 Contaminated Land 5 10

CL 976 Prestressed Concrete, Composite Materials and 5 10  
 Structural Stability

EF 931   Project Management 5 10

NM 833 Marine Renewable Energy Systems 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 919 Urban Water Supply and Drainage Systems 5 10

EV 921 Water and Environment Management 5 10

CL 992 Advanced Materials Science for Structures 5 10

CL 991 Structural Health Monitoring 5 10

Either

AB 993 Construction Management 5 10

Or

AB 991 Building Information Management 5 10

Either

AB995 Facilities Management 5 10

Or

AB996 ICT integrated in AEC 5 10

**List B**

EF 929 Financial Engineering 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 955 Environmental Management Systems 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 973 Independent Study in Collaboration with Industry 5 10  
CL 961 Geographical Information Systems 5 10

EF 927Design Management 5 10

EF 932   Risk Management 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

EV 939 Environmental Impact Assessment 5 10

EC 937 City Systems and Infrastructure 5 10

CL 913 Public Health Studies 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

EF 930   Information Management 5 10

\* Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

**Examination, Progress and Final Assessment**

19. 44.44 Regulations 19.1.25 – 19.1.33 shall apply.

19. 44.45 The final assessment will be based on performance in the examinations, coursework and the CL980 project where undertaken.

**Award**

19. 44.46 **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 (including no fewer than 60 credits from List A), of which 60 must have been awarded in respect of the project CL 980. For the degrees of MSc in Civil Engineering with Structural Engineering & Project Management, MSc in Civil Engineering with Geotechnical Engineering & Project Management, MSc in Civil Engineering with **Geoenvironmental Engineering** & Project Management and MSc in Civil Engineering with Water Engineering & Project Management, the candidate must have attained the credits in the appropriate compulsory classess.

19. 44.47 **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 classes of the course, including no fewer than 40 credits from the classes in List A.

19. 44.48 **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 classes of the course, including no fewer than 30 credits from the classes in List A.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

INTEGRATED POLLUTION PREVENTION AND CONTROL

Postgraduate Certificate in Integrated Pollution Prevention and Control

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1]

Admission

19.44.81Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a 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 Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Mode of Study

19.44.82The course is available by full-time and part-time study.

Curriculum

19.44.83All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 970 Environmental Pollution Management 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 931 Research Protocols for Science and Engineering 5 10

CL 990 Environmental Geochemistry 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 954 Contaminated Land 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

EV 908 Pollution and Rehabilitation of Degraded   
Ecosystems 5 10

EV 921 Water and Environment Management 5 10

EV 939 Environmental Impact Assessment 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration with

Industry 5 10

M9 850 International Environmental Law 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

Exceptionally, Level 5 classes up to a maximum of 20 credits chosen from classes offered by the Department of Civil and Environmental Engineering, as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.44.84Regulations 19.1.25 – 19.1.33 shall apply.

19.44.85 The final assessment will be based on performance in the examinations and the coursework.

Award

19.44.86 **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 course curriculum.

19.44.87

to 19.44.90 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

GEOENVIRONMENTAL ENGINEERING

Postgraduate Certificate in Geoenvironmental Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1]

Admission

19.44.91NotwithstandingRegulation 19.1.1, applicants shall possess

(i) a 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 Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Mode of Study

19.44.93 The course is available by full-time and part-time study.

Curriculum

19.44.94All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 906 Site Investigation and Risk Assessment 5 10

CL 931 Research Protocols for Science & Engineering 5 10

CL 954 Contaminated Land 5 10

CL 935 Hydrogeology 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 961 Geographical Information Systems 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 952 Aquifer Mechanics 5 10

EV 921 Water and Environmental Management 5 10

EV 939 Environmental Impact Assessment 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration with

Industry 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

Exceptionally, Level 5 classes up to a maximum of 20 credits chosen from classes offered by the Department of Civil and Environmental Engineering, as may be approved by the Course Director

Examination, Progress and Final Assessment

19.44.95Regulations 19.1.25 – 19.1.33 shall apply.

19.44.96 The final assessment will be based on performance in the examinations and, the coursework.

Award

19.44.97 **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 course curriculum.

19.44.98

to 19.44.100 Numbers not used

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

CLIMATE CHANGE ADAPTATION

Postgraduate Certificate in Climate Change Adaptation

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1.]

Admission

19.44.101NotwithstandingRegulation 19.1.1, applicants shall possess

(i) a 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 Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required

to demonstrate an appropriate level of competence in the English language.

Mode of Study

19.44.103The course is available by full-time and part-time study.

Curriculum

19.44.104All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 931 Research Protocols for Science & Engineering 5 10

EV 939 Environmental Impact Assessment 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 954 Contaminated Land 5 10

CL 961 Geographical Information Systems 5 10

CL 973 Independent Study in Collaboration with

Industry 5 10

M9 850 International Environmental Law 5 10

Exceptionally, Level 5 classes up to a maximum of 20 credits chosen from classes offered by the Department of Civil and Environmental Engineering, as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.44.105Regulations 19.1.25 – 19.1.33 shall apply.

19.44.106 The final assessment will be based on performance in the examinations, and the coursework.

Award

19.44.107 **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 course curriculum.

19.44.108

to 19.44.110 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

ENVIRONMENTAL HEALTH

MSc in Environmental Health

Postgraduate Diploma in Environmental Health

Postgraduate Certificate in Environmental Health

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.44.201 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.44.202 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.44.203 The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

Curriculum

19.44.204 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits chosen from the list of compulsory classes

for the Postgraduate Diploma no fewer than 120 credits 110 credits of compulsory classes and 10 credits of optional classes.

for the degree of MSc no fewer than 180 credits

110 credits of compulsory classes, 10 credits of optional classes, and a 60 credits project

Compulsory Classes Level Credits

16 468 Acoustics 4 10

CL 414 Meat Hygiene and Inspection 4 10

CL 904 Waste Management and Landfill Design 5 10

CL 908 Food Inspection and Control 5 10

CL 909 Food Safety and Hygiene 5 10

CL 911 Introduction to Health & Safety 5 10

CL 912 Occupational Health and Toxicology 5 10

CL 913 Public Health Studies 5 10

CL 914 Infection and Vector Control 5 10

CL 969 Contaminated Land Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

Optional Classes

No fewer than 10 credits chosen from

CL 905 Research Methodology & Techniques 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 910 Housing Policy and Law 5 10

CL 916 Environmental Impact & Assessment 5 10

CL 931 Research Protocols for Science & Engineering 5 10

CL 947 Climate Change Mitigation and Adaptation 5 10

CL 948 Principles of Environmental Microbiology 5 10

EV 921 Water and Environmental Management 5 10

CL 970 Environmental Pollution Management 5 10

Exceptionally, such other Level 5 classes totalling no more than 20 credits as approved by the Course Director.

Students for the Degree of MSc only

17 900 Project 5 60

Examination, Progress and Final Assessment

19.44.205 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.44.207 **Degree of MSc**: In order to qualify for the award of the degree ofMSc in Environmental Health, a candidate must have accumulated no fewer than 180 credits from the course curriculum and a 60 credits Project 17 900.

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

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

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

SUSTAINABILITY AND ENVIRONMENTAL STUDIES

MSc in Sustainability and Environmental Studies

Postgraduate Diploma in Sustainability and Environmental Studies

Postgraduate Certificate in Sustainability and Environmental Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.44.211 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.212 Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study

19.44.213 The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

Curriculum

19.44.214 Notwithstanding Regulation 19.1.12, all students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

Either

CL 986 Qualitative and Quantitative Research Methods 5 10

Or

CL 939 Principles of research methodology and research

design 5 10

Either

EV 939 Environmental Impact Assessment 5 10

Or

CL 941 Best practice in environmental impact

assessment 5 10

Either

CL 994 Circular economy and transformations towards

sustainability 5 10

Or

CL 988 Leading Issues in Circular Economy 5 10

Optional Classes

No fewer than 90 credits chosen from

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 961 Geographical Information Systems 5 10

CL 990 Environmental Geochemistry 5 10

Either

EC 928 Energy Economics 5 10

Or

EC 960 Energy Economics 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

EV 921 Water and Environmental Management 5 10

ME 927 Energy Resources and Policy 5 10

CL 946 Global Water Policy 5 10

CL 954 Contaminated Land 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration with Industry 5 10

M9 850 International Environmental Law 5 10

Either

EC 927 Environmental Economics 5 10

Or

EC959 Environmental Economics 5 10

EC 937 City Systems and Infrastructure 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

EF 929 Financial Engineering 5 10

Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

Students for the degree of MSc only

EV 900Project 5 60

Examination, Progress and Final Assessment

19.44.215 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.44.217 **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 credits Project EV 940.

19.44.218 **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 classes of the course curriculum.

19.44.219 **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 classes of the course curriculum.

FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

ENVIRONMENTAL SCIENCE

MSc in Environmental Science

Postgraduate Diploma in Environmental Science

Postgraduate Certificate in Environmental Science

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.44.231 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.232Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study

19.44.233 The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

Place of Study

19.44.234 All classes are taught at the University of Strathclyde.

Curriculum

19.44.235 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits with at least 20 credits from the list of compulsory classes

for the Postgraduate Diploma no fewer than 120 credits: 70 credits of compulsory classes and 50 credits of optional classes

for the degree of MSc no fewer than 180 credits: 70 credits of compulsory classes, 50 credits of optional classes and a 60 credits project.

Compulsory Classes Level Credits

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 986 Qualitative and Quantitative Research Methods 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 990 Environmental Geochemistry 5 10

EV 921 Water and Environmental Management 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

Optional Classes

No fewer than 50 credits chosen from

CL 960 Fundamentals of Environmental Forensics 5 10

CL 961 Geographical Information Systems 5 10

CL 954 Contaminated Land 5 10

EV 939 Environmental Impact Assessment 5 10

CL 913 Public Health Studies 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 978 Water & Wastewater Treatment Design 5 10

Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

Students for the degree of MSc only

EV 962 Project 5 60

Examination, Progress and Final Assessment

19.44.236 Regulations 19.1.25 – 19.1.33 shall apply.

19.44.237 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.44.238**Degree of MSc:** In order to qualify for the degree of MSc in Environmental Science, a candidate must have accumulated no fewer than 180 credits from the course curriculum and a 60 credits project EV 940.

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

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

FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

HYDROGEOLOGY

MSc in Hydrogeology

Postgraduate Diploma in Hydrogeology

Postgraduate Certificate in Hydrogeology

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.44.241 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.242Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.44.243 The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

Place of Study

19.44.244 As permitted by Regulation 19.1.8, some off-campus work may be required. Study by Flexible Learning options will require off-campus arrangements of distance learning.

Curriculum

19.44.245 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

CL 906 Site Investigation and Risk Assessment 5 10

Either

CL 986 Qualitative and Quantitative Research Methods 5 10

Or

CL 939 Principles of research methodology and research

design 5 10

CL 935 Hydrogeology 5 10

CL 987 Engineering Hydrology 5 10

CL 952 Aquifer Mechanics 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 954 Contaminated Land 5 10

CL 990 Environmental Geochemistry 5 10

Optional Classes

No fewer than 40 credits chosen from

CL 904 Waste Management and Landfill Design 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 961 Geographical Information Systems (GIS) 5 10

CL 973 Independent Study in Collaboration with Industry 5 10

CL 984 VIP Water and Sanitation Hygiene

(WASH) Sem 1 5 10

CL 985 VIP Water and Sanitation Hygiene

(WASH) Sem 2 5 10

CL 989 Isotope Hydrology 5 10

EV 921 Water and Environmental Management 5 10

Either

EV 939 Environmental Impact Assessment 5 10

Or

CL 941 Best practice in environmental impact assessment 5 10

Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

Students for the degree of MSc and MSc (Flexible Learning) only

CL 953 Dissertation in Hydrogeology 5 60

Examination, Progress and Final Assessment

19.44.246 Regulations 19.1.25 – 19.1.33 shall apply.

19.44.247 The final assessment will be based on performance in the examinations, coursework and, the Dissertation where undertaken

Award

19.44.247**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 course curriculum and a 60 credits dissertation CL 953.

19.44.248 **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 classes of the course curriculum.

19.44.249 **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 classes of the course curriculum.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

**POSTGRADUATE PROGRAMME IN CIVIL AND ENVIRONMENTAL ENGINEERING VIA OPEN ACCESS**

Postgraduate courses offered within the Postgraduate Programme in Civil and Environmental Engineering via Open Access where award of qualifications depends upon the pursuance of a named pathway.

**MSc, Postgraduate Diploma and Postgraduate Certificate in**

**Environmental Engineering (Open Access)**

**Environmental Entrepreneurship (Open Access)**

**Environmental Health (Open Access)**

**Hydrogeology (Open Access)**

**Sustainability and Environmental Studies (Open Access)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.44.251 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

**Mode of Study**

19.44.252 The courses are available via Open Access.

**Duration of Study**

19.44.253 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.44.254 As permitted by Regulation 19.1.8, some off-campus work may be required.

**Curriculum**

19.44.255 The following distinct pathways are named postgraduate awards in Civil and Environmental Engineering

Environmental Engineering (Open Access)

Environmental Entrepreneurship (Open Access)

Environmental Health (Open Access)

Hydrogeology (Open Access)

Sustainability and Environmental Studies (Open Access)

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

All students shall undertake the following compulsory class

Level Credits

CL 986 Qualitative and Quantitative Research Methods 5 10

***Environmental Engineering (Open Access)***

Compulsory Classes

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 990 Environmental Geochemistry 5 10

Optional Classes\*

No fewer than 70 credits chosen from

CL 507 Ground Improvement and Reinforcement 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change and

Human Health 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 954 Contaminated Land 5 10

EV 939 Environmental Impact Assessment 5 10

EV 908 Pollution and Rehabilitation of Degraded   
Ecosystems 5 10

EV 921 Water and Environmental Management 5 10

CL 961 Geographical Information Systems (GIS) 5 10

CL 935 Hydrogeology 5 10

CL 978 Water and Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration

with Industry 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

EF 929 Financial Engineering 5 10

CL 952 Aquifer Mechanics 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

EC 928 Energy economics 5 10

CL 520 Engineering Challenges in Nuclear

Decommissioning 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 989 Isotope Hydrogeology 5 10

EF 931 Project Management 5 10

CL 913 Public Health Studies 5 10

NM 833 Marine Renewable Energy Systems 5 10

***Environmental Entrepreneurship (Open Access)***

Compulsory Classes

CL 929 Client-Based Environmental 5 20

Entrepreneurship in Practice

Z1 931 Entrepreneurship, Innovation and

Commercialization 5 10

Z1938 New Venture Creation 5 10

Optional Classes\* Level Credits

No fewer than 70 credits chosen from

ME 927 Energy Resources and Policy 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

CL 973 Independent Study in Collaboration

with Industry 5 10

M9 850 International Environmental Law 5 10

EC 927 Environmental Economics 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

CL 954 Contaminated Land 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 904 Waste Management and Landfill Design 5 10

EC 928 Energy Economics 5 10

CL 961 Geographical Information Systems 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

EV 939 Environmental Impact Assessment 5 10

M9 850 International Environmental Law 5 10

NM 833 Marine Renewable Energy Systems 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

Z1952 Creativity and Opportunity Development 5 10

CL913 Public Health Studies 5 10

EF929 Financial Engineering 5 10

Z1949 Entrepreneurial Leadership and Resource

Management 5 10

HR965 Work, Wellbeing and New Technologies 5 10

***Environmental Health (Open Access)***

Compulsory Classes

CL 904 Waste Management and Landfill Design 5 10

CL 908 Food Inspection and Control 5 10

CL 909 Food Safety and Hygiene 5 10

CL 911 Introduction to Health & Safety 5 10

CL 912 Occupational Health and Toxicology 5 10

CL 913 Public Health Studies 5 10

CL 914 Infection and Vector Control 5 10

16 468 Acoustics 4 10

CL414 Meat Hygiene and Inspection 4 10

CL 969 Contaminated Land Management 5 10

CL 971 Air Pollution, Climate Change

and Human Health 5 10

***Hydrogeology (Open Access)***

Compulsory Classes

CL 954 Contaminated Land 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 935 Hydrogeology 5 10

CL 987 Engineering Hydrology 5 10

CL 952 Aquifer Mechanics 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 990 Environmental Geochemistry 5 10

Optional Classes\*

No fewer than 40 credits chosen from

CL 904 Waste Management and Landfill Design 5 10

CL 984 VIP Independent Projec 5 10

CL 985 VIP Independent Project 5 10

CL 989 Isotope Hydrology 5 10

EV 939 Environmental Impact Assessment 5 10

EV 921 Water and Environmental Management 5 10

CL 961 Geographical Information Systems (GIS) 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 973 Independent Study in Collaboration

with Industry 5 10

***Sustainability and Environmental Studies (Open Access)***

Compulsory Classes

CL 994 Circular economy and transformations towards

sustainability 5 10

EV 939 Environmental Impact Assessment 5 10

Optional Classes\*

No fewer than 80 credits chosen from

ME 927 Energy Resources and Policy 5 10

EV 921 Water and Environment Management 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change &

Human Health 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 948 Principles of Environmental Microbiology 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

CL 961 Geographical Information Systems 5 10

CL 965 Science, Technology and Innovation Policy 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration

with Industry 5 10

EC 927 Environmental Economics 5 10

EC 937 City Systems and Infrastructure 5 10

CL 990 Environmental Geochemistry 5 10

EC 928 Energy Economics 5 10

CL 969 Contaminated Land Management 5 10

M9 850 International Environmental Law 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

EF 929 Financial Engineering 5 10

\* Such other Level 5 optional classes as may be approved by the Course Director

Students for the degree of MSc only

EV 940 Project 5 60

**Examination, Progress and Final Assessment**

19.44.256 Regulation 19.1.19 shall apply.

19.44.257 The final assessment will be based on performance in the examinations, coursework,and the Project where undertaken

**Award**

19.44.258 **Degree of MSc:** In order to qualify for the award of the degree of MSc in a 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 Individual Project EV 940.

19.44.259 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in a named pathway, a candidate must have accumulated no fewer than 120 credits.

19.44.260 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in a named pathway, a candidate must have accumulated no fewer than 60 credits.

19.44.261 to

19.44.279 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

**CIVIL ENGINEERING WITH INDUSTRY**

**MSc in Civil Engineering with Industry**

**MSc in Civil Engineering with Industry with Structural Engineering & Project Management**

**MSc in Civil Engineering with Industry with Geotechnical Engineering & Project Management**

**MSc in Civil Engineering with Industry with Geoenvironmental Engineering & Project Management**

**MSc in Civil Engineering with Industry with Water Engineering & Project Management**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.44.280 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

**Duration of Study**

19. 44.281 Notwithstanding regulations 19.1.5 and 19.1.6 the duration of study is 18 months starting from January and ending in June the following year.

**Mode of Study**

19. 44.282 The courses are available by full-time study only.

**Curriculum**

19. 44.283 All students shall undertake an approved curriculum as follows

for the degree of MSc – no fewer than 210 including a project and a placement or equivalent

for the Postgraduate Diploma no fewer than 120 credits

for the Postgraduate Certificate no fewer than 60 credits

Compulsory Classes Level Credits

CL 518 Group Design Project A 5 20

CL 931 Research Protocols for Science & Engineering 5 10

CL 980 Project 5 60

Either

CL 983 Placement in Industry 5 30

OR

CL 995 Industrial Design and Construction 5 30

***MSc Civil Engineering with Industry***

Optional Classes

60 credits selected from List A and 30 credits from either List A or List B given in Regulation 19.44.284.

***MSc in Civil Engineering with Industry with Structural Engineering and Project Management***

Compulsory Classes

CL 507 Ground Improvement and Reinforcement 5 10

CL 510 Advanced Structural Analysis and Design 5 10

CL 976 Prestressed Concrete, Composite Materials and

Structural Stability 5 10

EF 931 Project Management 5 10

20 credits selected from List A and 30 credits from either List A or List B given in Regulation 19.44.284

***MSc in Civil Engineering with Indusrty with Geotechnical Engineering & Project Management***

Compulsory Classes

CL 507 Ground Improvement and Reinforcement 5 10

CL 514 Rock Mechanics, Tunnelling and Groundwater 5 10

CL 917 Slopes and Walls 5 10

EF 931 Project Management 5 10

20 credits selected from List A and 30 credits from either List A or List B given in Regulation 19.44.284

***MSc in Civil Engineering with Industry with Geoenvironmental Engineering******& Project Management***

Compulsory Classes

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 954 Contaminated Land 5 10

EF 931 Project Management 5 10

Optional Classes

20 credits selected from List A and 30 credits from either List A or List B given in Regulation 19.44.284.

***MSc in Civil Engineering with Industry with Water Engineering & Project Management***

Compulsory Classes

CL 978 Water & Wastewater Treatment Design 5 10

CL 919 Urban Water Supply and Drainage Systems 5 10

EV 921 Water and Environment Management 5 10

EF 931 Project Management 5 10

Optional Classes

20 credits selected from List A and 30 credits from either List A or List B given in Regulation 19.44.284.

19.44.284 Optional Classes

**List A**

CL 510 Advanced Structural Analysis and Design 5 10

CL 514 Rock Mechanics, Tunnelling and Groundwater 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 917 Slopes and Walls 5 10

CL 935 Hydrogeology 5 10

CL 954 Contaminated Land 5 10

CL 976 Prestressed Concrete, Composite Materials and   
 Structural Stability 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 919 Urban Water Supply and Drainage Systems 5 10

EV 921 Water and Environment Management 5 10

EF 931   Project Management 5 10

NM 833 Marine Renewable Energy Systems 5 10

CL 992 Advanced Materials Science for Structures 5 10

CL 991 Structural Health Monitoring 5 10

Either

AB 993 Construction Management 5 10

Or

AB 991 Building Information Management 5 10

Either

AB 995 Facilities management 5 10

Or

AB 996 ICT integrated in AEC 5 10

**List B**

CL 946 Global Water Policy 5 10

CL 504 Financial Engineering 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 955 Environmental Management Systems 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

CL 965 Science, Technology and Innovation Policy 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 961 Geographical Information Systems 5 10

EF 927Design Management 5 10

EF 932   Risk Management 5 10

EV 908 Pollution and Rehabilitation of Degraded

Ecosystems 5 10

EV 939 Environmental Impact Assessment 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

CL 959 Strategic Environmental Assessment in Action 5 10

CL 913 Public Health Studies 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

\* Exceptionally, such other Level 5 classes totalling no more than 20 credits, as approved by the Course Director.

**Examination, Progress and Final Assessment**

19. 44.285 Regulations 19.1.25 – 19.1.33 shall apply.

19. 44.286 The final assessment will be based on performance in the examinations, coursework**,** CL980 project and CL983 Placement in Industry OR CL 995 Industrial Design and Construction where undertaken.

**Award**

19. 44.287 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Civil Engineering with Industry, MSc in Civil Engineering with Industry (Structural Engineering & Project Management), MSc in Civil Engineering with Industry (Geotechnical Engineering & Project Management)**,** MSc in Civil Engineering with Industry (Geoenvironmental Engineering& Project Management), and MSc in Civil Engineering withIndustry (Water Engineering & Project Management) a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 210 credits in the appropriate specialism, of which 90 must have been awarded in respect of CL980 project as well as CL 983 Placement in Industry OR CL 995 Industrial Design and Construction.

**Transfer**

19. 44.288 Students who fail to accumulate 210 credits over the programme duration will be transferred and considered for an award of MSc Postgraduate Diploma or Postgraduate Certificate in the Civil Engineering programme described in Regulations 19.44.40 to 19.44.48.

19.44.289 to

19.44.300 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

**ENVIRONMENTAL HEALTH SCIENCES**

**MSc in Environmental Health Sciences**

**Postgraduate Diploma in Environmental Health Sciences**

**Postgraduate Certificate in Environmental Health Sciences**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

19.44.320 **Admission**

Regulations 19.1.1 and 19.1.2 shall apply.

19.44.321 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.44.322 **Mode of Study**

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

19.44.322 **Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the 17000 project.

Compulsory Classes Level Credits

CL 904 Waste Management and Landfill Design 5 10

CL 908 Food Inspection and Control 5 10

CL 912 Occupational Health and Toxicology 5 10 CL 913 Public Health Studies 5 10

Either

CL 986 Qualitative and Quantitative Research Methods 5 10

Or

CL 939 Principles of research methodology and research

Design 5 10

CL 971 Air Pollution, Climate Change & Human Health 5 10

EV 921 Water and Environmental Management 5 10

CL 970 Environmental Pollution Management 5 10

Optional Classes

No fewer than 40 credits chosen from

CL 914 Infection and Vector Control 5 10

CL 948 Principles of Environmental Microbiology 5 10

CL 961 Geographical Information Systems 5 10

CL 969 Contaminated Land Management 5 10

CL 959 Strategic Environmental Assessment in action 5 10

EV 908 Pollution and Rehabilitation of

Degraded Ecosystems 5 10

Either

EV 939 Environmental Impact Assessment 5 10

Or

CL 941 Best practice in environmental impact assessment 5 10

CL 973 Independent Study in Collaboration

with Industry 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

EC 937 City Systems and Infrastructure 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

Exceptionally, such other Level 5 classes totalling no more than 20 credits as approved by the Course Director.

Students for the Degree of MSc only

17 900 Project 5 60

19.44.322 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

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

19.44.323 **Award**

**Degree of MSc:** In order to qualify for the award of the degree of MSc in Environmental Health Sciences, 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 17 900.

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

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

FACULTY OF ENGINEERING

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

MECHATRONICS AND AUTOMATION

MSc in Mechatronics and Automation

Postgraduate Diploma in Mechatronics and Automation

Postgraduate Certificate in Mechatronics and Automation

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.45.121 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.45.122 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.45.123 The courses will be available at locations which have agreements with the host department and at the University of Strathclyde. In all cases the courses will be taught by staff of the Faculty of Engineering.

Mode of Study

19.45.124 The courses may be available by full-time or part-time study.

Curriculum

19.45.125 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma no fewer than 120 credits from the lists of taught classes.

for the degree of MSc no fewer than 180 credits including the DM932 project.

Compulsory Classes Level Credits

DM 942 Manufacturing Automation 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 931 Postgraduate Group Project 5 40

EF 931 Project Management 5 10

DM 933 Engineering Risk Management 5 10

Optional Classes

No fewer than 30 credits chosen from

DM 934 Design Methods 5 10

EE 972 Control Principles 5 20

EE 474 Robotics: Systems and Control 5 10

DM 945 Systems Thinking and Modelling 5 10

Students for the Degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Coordinator.

Examination, Progress and Final Assessment

19.45.126 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.127 The final assessment will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

Award

19.45.128 **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 DM 932 .

19.45.129 **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 course curriculum.

19.45.130 **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 class of the course.

19.45.131

to 19.45.160 (Numbers not used)

FACULTY OF ENGINEERING

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

ENGINEERING MANAGEMENT FOR PROCESS EXCELLENCE

MSc in Engineering Management for Process Excellence

**Postgraduate Diploma in Engineering Management for Process Excellence**

**Postgraduate Certificate in Engineering Management for Process Excellence**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.45.191 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.45.192 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.45.193 The courses are available by full-time or part-time study.

Curriculum

19.45.194 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma no fewer than 120 credits from the lists of taught classes.

for the degree of MSc no fewer than 180 credits including the DM932 project.

Compulsory Classes Level Credits

DM 926 Supply Chain Operations 5 10

DM 928 Enterprise Resource Planning 5 10

DM 931 Postgraduate Group Project 5 40

DM 935 Management of Total Quality and Continuous  
Improvement 5 10

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 981 Management of Innovation 5 10

EF 931 Project Management 5 10

MS 929 Performance Measurement and Management 5 10

Optional Classes

No fewer than 10 credits chosen from

DM 918 People, Organisation and Technology 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 949 Design of Experiments for Process

Optimisation 5 10

MS 924 Spreadsheet Modelling and Demand Forecasting 5 10

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Co-ordinator.

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment

19.45.195 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.196 The final assessment will be based on performance in the examinations, coursework, andthe Postfraduate Individual Project where undertaken.

Award

19.45.197 **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 DM 932.

19.45.198 **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 course curriculum.

19.45.199 **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 classes of the course.

19.45.200 (Number not used).

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

SYSTEMS ENGINEERING MANAGEMENT

MSc in Systems Engineering Manangement

Postgraduate Diploma in Systems Engineering Management

Postgraduate Certificate in Systems Engineering Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19 and 19.1]

Admission

19.45.201 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.45.202 Regulations 19.1.5 and 19.1.6 shall apply.

Nature of Study

19.45.203 The course is available by full-time and part time study.

Curriculum

19.45.204 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits must be completed.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including all the compulsory classes.

Compulsory Classes Level Credits

DM 918 People, Organisation and Technology 5 10

DM 931 Postgraduate Group Project 5 40

DM 933 Engineering Risk Management 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 993 Systems Architectures & Design 5 10

DM 994 Systems Engineering Concepts 5 10

EF 927 Design Management 5 10

Optional Classes

No fewer than 20 credits chosen from

DM 920 Strategic Technology Management 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 934 Design Methods 5 10

DM 943 Sustainable Product Design and Manufacture 5 10

DM 944 Product Costing & Financial Management 5 10

DM 949 DoE for Optimisation 5 10

EF 945 Knowledge & Information Management 5 10

for Engineers

MS 926 Business Simulation Methods 5 10

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

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment

19.45.205 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.206 The final assessment will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

**Award**

19.45.207 **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.

19.452.208 **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 course curriculum.

19.45.209 **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 course curriculum.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

SUPPLY CHAIN MANAGEMENT PROGRAMME

MSc in Supply Chain and Logistics Management

Postgraduate Diploma in Supply Chain and Logistics Management

Postgraduate Certificate in Supply Chain and Logistics Management

MSc in Supply Chain and Procurement Management

Postgraduate Diploma in Supply Chain and Procurement Management

**Postgraduate Certificate in Supply Chain and Procurement Management**

**MSc in Supply Chain and Sustainability Management**

**Postgraduate Diploma in Supply Chain and Sustainability Management**

**Postgraduate Certificate in Supply Chain and Sustainability Management**

Course Regulations

[These regulations are to be read in conjunction with General Regulation 19.1]

Admission

19.45.211 Regulation 19.1.1 shall apply

Mode of Study

19.45.212 The courses are available by full-time or part-time study.

Place of Study

19.45.213 The courses are taught at the University of Strathclyde and also off-campus by University of Strathclyde staff at overseas locations.

Curriculum

19.45.214 All students shall undertake an approved curriculum as follows

Students will have the option of choosing a specialism from three options: Procurement Management, Logistics Management, and Sustainability Management that will lead to the corresponding award.

for the Postgraduate Certificate no fewer than 60 credits from the list of taught classes.

for the Postgraduate Diploma no fewer than 120 credits list of taught classes.

for the degree of MSc no fewer than 180 credits including the DM932 project.

Compulsory Classes Level Credits

DM 918 People, Organisation and Technology 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 926 Supply Chain Operations 5 10

DM 928 Enterprise Resource Planning 5 10

MS 969 Advanced Project Management 5 10

MS 929 Performance Measurement and Management 5 10

MS 970 Case Studies in Supply Chain Management 5 20

together with classes appropriate to the chosen specialism

***Logistics Management specialism***

DM 935 Management of Total Quality and Continuous Improvement 5 10

DM 982 Lean and Green Logistics 5 10

MS 924 Spreadsheet Modelling and Demand

Forecasting 5 10

***Procurement Management specialism***

DM 991 Organisational Buying Behaviour and Structures 5 10

DM 992 Strategic Procurement Management 5 10

MS 924 Spreadsheet Modelling and Demand

Forecasting 5 10

***Sustainability Management specialism***

DM 943 Sustainable Product Design and

Manufacturing 5 10

DM 953 Lean and Green Logistics 5 10

DM 985 Remanufacturing 5 10

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Optional Classes

No fewer than 10 credits chosen from

DM 920 Strategic Technology Management 5 10

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 944 Product Costing and Financial Management 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 949 Design of Experiments for Process

Optimisation 5 10

MS 922 Quantitative Business Analysis 5 10

MS 926 Business Simulation Methods 5 10

MS 927 Risk Analysis and Management 5 10

MS 957 Service Operations Management 5 10

MS 980 Business Analytics 5 10

Exceptionally, such other classes totalling no more than 10 credits, as approved by the Course Director.

Examination, Progress and Final Assessment

19.45.215 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.216 The final assessment will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

19.45.217 **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.

19.45.218 **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 classes of the course.

19.45.219 **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 classes of the course.

19.45.220 to

19.45.260 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

GLOBAL INNOVATION MANAGEMENT

MSc in Global Innovation Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

*The course 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 course 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 Course 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

19.45.261 Candidates shall normally:

(i) possess a bachelors 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

19.45.262 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.45.263 The course will be taught at the University of Strathclyde in the first year. At Strathclyde the course 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

19.45.264 The course is available by full-time study only.

Curriculum

First Year

19.45.265 All students shall spend the first year at Strathclyde and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows

Compulsory Classes Level Credits (ECTS)

DM 931 Post Graduate Group Project 5 40 (20)

DM 503 Global Design 5 10 (5)

DM 920 Strategic Technology Management 5 10 (5)

DM 926 Supply Chain Operations 5 10 (5)

DM 981 Management of Innovation 5 10 (5)

EF 927 Design Management 5 10 (5)

Optional Classes

No fewer than 30 credits (15 ECTS) chosen from

DM 918 People, Organisation and Technology 5 10 (5)

DM 923 Product Modelling and Visualisation 5 10 (5)

DM 986 Mechatronic System Design

Techniques 5 10 (5)

DM 927 Strategic Supply Chain Management 5 10 (5)

DM 928 Enterprise Resource Planning 5 10 (5)

DM 933 Engineering Risk Management 5 10 (5)

DM 934 Design Methods 5 10 (5)

DM 935 Management of Total Quality and   
 Continuous Improvement 5 10 (5)

DM 941 Fundamentals of Lean Six Sigma 5 10 (5)

DM 943 Sustainable Product Design and

Manufacturing 5 10 (5)

DM 944 Product Costing and Financial

Management 5 10 (5)

DM 945 Systems Thinking and Modelling 5 10 (5)

DM 948 Advanced Materials and Production

Technology 5 10 (5)

DM 983 Design Form and Aesthetics 5 10 (5)

DM 984 Human Centred Design 5 10 (5)

Such other classes as may be approved by the Course Coordinator .

Second Year

Students shall spend their second year at University of Technology and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows

**Hamburg University of Technology**

EX 943 International Business 5 12 (6)

DM 910 Master Thesis 5 60 (30)

EX 944 Product Planning 5 12 (6)

EX 945 Seminar in Marketing of Innovation 5 12 (6)

EX 946 Technology Management 5 12 (6)

Optional Classes

Either

EX 923 External Study Credits 5 12 (6)

OR

Such other classes at Level 5 as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.45.266 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.

19.45.267 In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits/ 60 ECTS from the agreed curriculum.

19.45.268 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt.

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

Award

19.45.270 **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

19.45.271 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.

19.45.272

to 19.45.280 (Numbers not used)

**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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

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

Nature of Study

19.45.282 The course is available by full-time study only.

Curriculum

19.45.283 See Regulation 19.45.265, First Year Curriculum.

Examination, Progress and Final Assessment

19.45.284 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.285 The final assessment will be based on performance in the examinations and coursework.

Award

19.45.286 **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 course curriculum.

19.45.287 **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 course curriculum.

19.45.288

to 19.45.290 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

LEAN SIX SIGMA FOR PROCESS EXCELLENCE

MSc in Lean Six Sigma for Process Excellence

Postgraduate Diploma in Lean Six Sigma for Process Excellence

Postgraduate Certificate in Lean Six Sigma for Process Excellence

Course Regulations

[These regulations are to be read in conjunction with Regulation19.1]

Admission

19.45.291 Regulations 19.1.1 and 19.1.2 shall apply

Mode of Study

19.45.292 The courses are available by full-time or part-time study.

Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including an Individual Project

Compulsory ClassesLevel Credits

DM 918 People, Organisation and Technology 5 10

DM 931 Postgraduate Group Project 5 40

DM 935 Management of Total Quality and Continuous

Improvement 5 10

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 949 Design of Experiments for Process Optimisation 5 10

MS 922 Quantitative Business Analysis 5 10

Optional Classes

No fewer than 20 credits chosen from

DM 926 Supply Chain Operations 5 10

MS 957 Service Operations Management 5 10

MS 969 Advanced Project Management 5 10

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

Students for the degree of MSc only

DM 932 Individual Project 5 60

Examination, Progress and Final Assessment

19.45.293 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.294 The final assessment will be based on performance in the examinations, coursework and the Individual Project where undertaken.

Award

19.45.295 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Lean Six Sigma 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 Individual Project DM 932.

19.45.296 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.297 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.45.298

to 19.45.300 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**ADVANCED MANUFACTURING: TECHNOLOGY AND SYSTEMS**

**ADVANCED MANUFACTURING: FORGING AND FORMING**

MSc in Advanced Manufacturing: Technology and Systems

MSc in Advanced Manufacturing: Forging and Forming

Postgraduate Diploma in Advanced Manufacturing

Postgraduate Certificate in Advanced Manufacturing

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.45.311 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Students for the MSc in Advanced Manufacturing: Forging and Forming will normally be admitted in the first instance to the EngD in Advanced Manufacturing: Forging and Forming

Duration of Study

19.45.312 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.45.313 The courses are available by full-time and part-time study.

Curriculum

19.45.314 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits chosen from List A

for the Postgraduate Diploma no fewer than 120 credits including all the Compulsory Modules

for the degree of MSc no fewer than 180 credits including Postgraduate Individual Project

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

Compulsory Classes\* Level Credits

DM 920 Strategic Technology Management 5 10

DM 942 Manufacturing Automation 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 947 Advanced Forming and Technology Systems 5 10

DM 948 Advanced Materials and Production Technology 5 10

together with classes appropriate to the chosen course

***Advanced Manufacturing: Technology and Systems***

DM 931 Postgraduate Group Project 5 40

and 30 credits from the list of optional classes below

***Advanced Manufacturing: Forging and Forming***

BE 919 Research Methodology 5 10

and60 credits from the list of optional classes below

Optional Classes

DM 986 Mechatronic Systems Design Techniques 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 949 Design of Experiments for Process Optimisation 5 10

EF 931 Project Management 5 10

\* Exceptionally, such other classes totalling no more than 20 credits as approved by the Course Director.

Students for the degree of MSc

DM 932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment

19.45.315 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.316 The final assessment will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken and, if required.

Award

19.45.317 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Manufacturing: Technology and Systems or 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 appropriate course curriculum, of which 60 must have been awarded in respect of the Individual Project DM 932.

19.45.318 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Manufacturing, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.319 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Manufacturing, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.45.320

to 19.45.345 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

DESIGN ENGINEERING

MSc in Design Engineering

Postgraduate Diploma in Design Engineering

Postgraduate Certificate in Design Engineering

MSc in Design Engineering with Sustainability

Postgraduate Diploma in Design Engineering with Sustainability

Postgraduate Certificate in Design Engineering with Sustainability

MSc 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

Course Regulations

[These regulations are to be read in conjunction with General Regulation 19.1]

Admission

19.45.346 Notwithstanding Regulation 19.1.1, successful applicants shall

(i) possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or

(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

**Duration of Study**

19.45.347 Regulations 19.1.5 and 19.1.16 shall apply.

Mode of Study

19.45.348 The courses are available by full-time or part-time study.

Curriculum

19.45.349 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits must becompleted with at least 10 credits from the chosen specialism.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes and all the specialist classes from the chosen specialism.

for the degree of MSc no fewer than 180 credits including all the compulsory classes and all the specialist from the chosen specialism, including a 10 credit option, plus the Postgraduate Individual Project DM932.

Students will have the option to study

*Design Engineering or*

*Design Engineering with Sustainability or*

*Design Engineering with Advanced Product Development*

Students are required to take all compulsory classes relevant to their chosen stream.

Compulsory Classes (all streams) Level Credits

DM 503 Global Design 5 10

DM 923 Product Modelling & Visualisation 5 10

DM 931 Industry Group Project 5 40

DM 934 Design Methods 5 10

EF 927 Design Management 5 10

And 30 credits from

***Design Engineering***

AB 975 Sustainability 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

DM 933 Engineering Risk Management 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

DM 948 Advanced Materials & Production Technology 5 10

DM 985 Remanufacturing 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

***Design Engineering with Sustainability***

AB 975 Sustainability 5 10

DM 943 Sustainability Product Design and Manufacturing 5 10

DM 985 Remanufacturing 5 10

***Design Engineering with Advanced Product Development***

DM 986 Mechatronic Systems Design Techniques 5 10

DM 933 Engineering Risk Management 5 10

DM 948 Advanced Materials & Production Technology 5 10

All Students must select 10 optional credits from the following list

AB 975 Sustainability 5 10

DM 920 Strategic Technology Management 5 10

DM 926 Supply Chain Operations 5 10

DM 928 Enterprise Resource Planning 5 10

DM 933 Engineering Risk Management 5 10

DM 935 Management of Total Quality and 5 10 Continuous Improvement

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 942 Manufacturing Automation 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

DM 944 Product Costing and Financial Management 5 10

DM 945 System Thinking and Modelling 5 10

DM 948 Advanced Materials & Production Technology 5 10

DM 981 Management of Innovation 5 10

DM 983 Design Form and Aesthetics 5 10

DM 984 Human Centred Design 5 10

DM 985 Remanufacturing 5 10

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment

19.45.350 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.351 The final assessment will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

19.45.352 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Design Engineering and in Design Engineering with Sustainability and in 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 including all the compulsory classes and all the specialist from the chosen specialist classes.

19.45.353 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Design Engineering and in Design Engineering with Sustainability and in Design Engineering with Advanced Product Development a candidate must have accumulated no fewer than 120 credits including all the compulsory classes and all the specialist classes from the chosen specialism.

19.45.354 **Postgraduate Certificate:**  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 classes of the course.

19.45.355 **Postgraduate Certificate in Design Engineering with Sustainability and in Design Engineering with Advanced Product Development:** In order to qualify for the award of the Postgraduate Certificate in Design Engineering with Sustainability and in Design Engineering with Advanced Product Development a candidate must have accumulated no fewer than 60 credits, with at least 10 credits from the chosen specialism.

19.45.356

to 19.45.375 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**PRODUCT DESIGN**

**MSc in Product Design**

**Postgraduate Diploma in Product Design**

**Postgraduate Certificate in Product Design**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.45.376 Notwithstanding Regulation 19.1.1, successful applicants shall

(i) possess a first or second class Honours degree in a Design, Product Development, Science, Technology or Engineering subject; or

(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

**Duration of Study**

19.45.377 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.45.378 The courses are available by full-time or part-time study.

**Curriculum**

19.45.379 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the list of taught classes

for the Postgraduate Diploma no fewer than 120 credits from the list of taught classes

for the degree of MSc no fewer than 180 credits

Compulsory Classes Level Credit

DM 503 Global Design 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 931 Industry Group Project 5 40

DM 934 Design Methods 5 10

DM 981 Management of Innovation 5 10

DM 983 Design Form and Aesthetics 5 10

DM 984 Human Centred Design 5 10

EF 927 Design Management 5 10

10 Optional Credits from

AB 975 Sustainability 5 10

DM 918 People, Organisation and Technology 5 10

DM 920 Strategic Technology Management 5 10

DM 926 Supply Chain Operations 5 10

DM 927 Strategic Supply Management 5 10

DM 928 Enterprise Resource Planning 5 10

DM 933 Engineering Risk Management 5 10

DM 935 Management of Total Quality and Continuous 5 10

Improvement

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 943 Sustainability Product Design and Manufacturing 5 10

DM 944 Product Costing and Financial Management 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 948 Advanced Material and Production Technology 5 10

DM 949 Design for Experiments for Process Optimisation 5 10

DM 985 Remanufacturing 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

**Examination, Progress and Final Assessment**

19.45.380 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.381 The final assessment will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

**Award**

19.45.382 **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 DM 932.

19.45.383 **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 course curriculum.

19.45.389 **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 classes of the course.

19.45.390

to 19.45.420 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**DIGITAL MANUFACTURING**

**MSc in Digital Manufacturing**

**Postgraduate Diploma in Digital Manufacturing**

**Postgraduate Certificate in Digital Manufacturing**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.45.421 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.45.422 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.45.423 As permitted by Regulation 19.1.8, some off-campus work may be required.

**Mode of Study**

19.45.424 The courses may be available by full-time or part-time study.

**Curriculum**

19.45.425 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the DM932 project.

Compulsory Classes Level Credit

DM 939 Digital Manufacturing Concepts 5 10

DM 942 Manufacturing Automation 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

DM 951 Design for Industry 4 and Smart Products 5 10

EF 945 Knowledge & Information Management for 5 10

Engineers

DM 931 Postgraduate Group Project 5 40

Optional Classes

No fewer than 30 credits chosen from

DM 948 Advanced Materials & Production Technology 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 943 Sustainable Product Design & Manufacturing 5 10

DM 981 Management of Innovation 5 10

Students for the Degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Exceptionally, such other classes totalling no more than 20

credits, as approved by the Course Director.

**Examination, Progress and Final Assessment**

19.45.426 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.427 The final assessment will be based on performance in the examinations, coursework, and the DM932 Postgraduate Individual Project where undertaken.

**Award**

19.45.428 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Digital Manufacturing, 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 DM932 Postgraduate Individual Project.

19.45.429 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Digital Manufacturing, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.430 **Postgraduate Certificate:**  In order to qualify for the award of the Postgraduate Certificate in Digital Manufacturing, a candidate must have accumulated no fewer than 60 credits from the taught class of the course.

19.45.431

to 19.45.461 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**GLOBAL DESIGN INNOVATION**

**MSc in Global Design Innovation**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

*The course is offered jointly between the University of Strathclyde, and Singapore University of technology and the awards are made in the name of two universities. Students shall be subject to the course 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 Course 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**

19.45.462 Candidates shall normally:

(i) possess a bachelors degree or the normal equivalent, at the equivalent of upper 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**

19.45.463 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.45.464 The course will be taught at University of Strathclyde in the first year by staff of the Faculty of Engineering. The course will be taught at Singapore University of Technology in the second year by staff of Engineering Product Development Pillar.

**Nature of Study**

19.45.465 The course is available by full-time study only.

**Curriculum**

**First Year**

19.45.466 All students shall spend the first year at Strathclyde and undertake classes amounting to no fewer than 120 credits as follows

Compulsory Classes Level Credits

DM 931 Postgraduate Group Project 5 40

DM 503 Global Design 5 10

DM 920 Strategic Technology Management 5 10

DM 918 People, Organisation and Technology 5 10

DM 981 Management of Innovation 5 10

EF 927 Design Management 5 10

Optional Classes

No fewer than 30 credits chosen from

20 credits must be selected from the following

DM 923 Product Modelling & Visualisation 5 10

DM 934 Design Methods 5 10

DM 943 Sustainable Product Design and

Manufacturing 5 10

DM 984 Human Centred Design 5 10

10 credits must selected be from the following

DM 927 Strategic Supply Chain Management 5 10

DM 928 Enterprise Resource Planning 5 10

DM 933 Engineering Risk Management 5 10

DM 944 Product Costing and Financial

Management 5 10

DM 945 Systems Thinking and Modelling 5 10

Such other classes as may be approved by the Course Coordinator.

**Second Year**

Students shall spend their second year at Singapore University of Technology and Design and undertake classes amounting to no fewer than 120 credits as follows

Compulsory Classes

EX 9XX MSc Project 5 60 EX 9XX Design Science 5 20 EX 9XX Individual Industry Project 5 20 EX 9XX Research Methods 5 20

**Examination, Progress and Final Assessment**

19.45.467 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.

19.45.468 In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits from the agreed curriculum.

19.45.469 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt.

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

**Award**

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

**Transfer**

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

19.45.473

to 19.45.503 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**GLOBAL DESIGN INNOVATION**

**Postgraduate Diploma in Global Design Innovation**

**Postgraduate Certificate in Global Design Innovation**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

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

**Nature of Study**

19.45.505 The course is available by full-time study only.

**Curriculum**

19.45.506 See Regulation 19.45.466, First Year Curriculum.

**Examination, Progress and Final Assessment**

19.45.507 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.508 The final assessment will be based on performance in the examinations and coursework and, if required, in an oral examination.

**Award**

19.45.509 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Design Innovation, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.510 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Global Design Innovation, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.45.511

to 19.45.531 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**TECHNOLOGY VENTURES**

**MSc in Technology Ventures**

**MSc in Technology Ventures with Design Engineering**

**MSc in Technology Ventures with Systems Engineering Management**

**MSc in Technology Ventures with Digital Manufacturing**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

*The course is collaboratively offered by the University of Strathclyde, and Carnegie Mellon University and awards are made by both universities; MSc in Technology Ventures is only available as part of a dual Masters award. Students shall be subject to the course and General Regulations, of the University at which they are currently studying.*

*Each partner will administer their own programme and chair their own board of examiners. The University of Strathclyde will recognise the credits awarded by Carnegie Mellon University in admitting students to and awarding the MSc in Technology Ventures. As the year 1 partner, Carnegie Mellon University will take a lead in administering the application and admissions processes.*

**Admission**

19.45.532 Notwithstanding Regulation 19.1.1, successful applicants shall obtain 99 CMU units of study (150 credits) from the MS in Technology Ventures at Carnegie Mellon University, including the Master of Science Technology Ventures Internship.

Alternatively students enrolled on one of Strathclyde’s MSc in Design Engineering, Systems Engineering Management or Digital Manufacturing programmes may transfer to the relevant Dual Degree programme set out in this regulation.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.45.533 To obtain the dual award, students must undertake 12 months of study at Carnegie Mellon University and at least 9 months study (Postgraduate Diploma, if enrolled first at Strathclyde), and up to 12 months (MSc, if enrolled first at CMU), at University of Strathclyde.

**Place of Study**

19.45.534 The course will be taught at Carnegie Mellon University by staff of the Integrated Innovation Institute. The course will be taught at the University of Strathclyde by staff of the Faculty of Engineering normally in year 2. Students transferring from MSc Design Engineering, Systems Engineering Management or Digital Manufacturing will spend year 1 at Strathclyde and year 2 at Carnegie Mellon University.

**Nature of Study**

19.45.535 The course is available by full-time study only.

**Curriculum**

for the degree of MSc no fewer than 180 credits including a project.

**Carnegie Mellon University (year 1 if first enrolled at CMU, year 2 if first enrolled at Strathclyde)**

19.45.536 Students shall spend a year at Carnegie Mellon University and undertake classes amounting to no fewer than 99 CMU Units (150 Credits) as follows:

Compulsory Classes Level units

49 802 Innovation & Entrepreneurship I 5 6

49 803 Innovation & Entrepreneurship II 5 6

49 853 Product Management 5 6

49 854 Business Models and Strategy 5 6

49 855 Venture governance:

The Role of Board of Directors

and Advisory Boards 5 6

49 856 Legal Issues in New Venture Creation 5 6

49 801 Enterprise Innovation 5 12

49 804 The Leadership Challenge 5 6

49 850 Grand Challenge Innovation 5 12

49 851 Financial fundamentals for

New Ventures 5 6

49 852 Agile Marketing for New Ventures 5 6

49 857 Dynamic Global Teams 5 6

49 859 Master of Science Technology

Ventures Internship 5 3

Optional Classes

Students select a total of no fewer than 12 units from an approved list of options, as approved by the course director.

**Strathclyde (year 2 if first enrolled at CMU, year 1 if first enrolled at Strathclyde)**

Students progressing from CMU spend their second year at University of Strathclyde and select one of the following 180 credit specialisations titled as MSc in Technology Ventures with:

1. Design Engineering
2. Systems Engineering Management
3. Digital Manufacturing.

Students enrolled on Strathclyde’s MSc Design Engineering, Systems Engineering Management or Digital Manufacturing may elect to transfer their registration to the corresponding Dual Masters programme if committing to year 2 study at CMU.

Regulations for each of these options are included indexed individually under 19.45.XX of the University of Strathclyde regulations

**Examination, Progress and Final Assessment**

19.45.537 In order to progress to the second year of the course, a student must normally have accumulated at least 99 CMU Credits (150 credits) from the agreed Carnegie Mellon University curriculum, or at least 120 credits from the University of Strathclyde Curriculum.

19.45.538 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 DM932 Individual Postgraduate Project for the degree award of MSc.

19.45.539 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt.

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

**Award**

19.45.541 **Degree of MSc:** In order to qualify for the award of the MSc in Technology Ventures with: Design Engineering; Systems Engineering Management, or; Digital Manufacturing, 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 DM932 Individual Postgraduate Project.

19.45.542 **Degree of MS:** In order to qualify for the award of the MS in Technology Ventures at Carnegie Mellon University, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 99 Units from the CMU curriculum, including the Master of Science Technology Ventures Internship and 48 Units (80 credits) from the Strathclyde Curriculum.

**Transfer**

19.45.543 A candidate who fails to meet the requirements for the degree of MSc in Technology Ventures with Design Engineering, Systems engineering Management or Digital Manufacturing may be transferred to the Postgraduate Diploma in Technology Ventures with: Design Engineering; Systems Engineering Management, or; Digital Manufacturing or the Postgraduate Certificate of Design Engineering, Systems Engineering Management or Digital Manufacturing as defined in the regulations for each specialisation at University of Strathclyde.

19.45.544

to 19.45.574 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**TECHNOLOGY VENTURES WITH DESIGN ENGINEERING**

**MSc in Technology Ventures with Design Engineering**

**Postgraduate Diploma in Technology Ventures with Design Engineering**

**Postgraduate Certificate in Design Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with General Regulation 19.1]

**Admission**

19.45.575 Notwithstanding Regulation 19.1.1, successful applicants shall

(i) possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or

(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) have satisfactorily obtained 99 CMU units of study (150 credits) from the MS in Technology Ventures at Carnegie Mellon University, including the Master of Science Technology Ventures Internship

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

**Duration of Study**

19.45.576 Regulations 19.1.5 and 19.1.16 shall apply.

**Mode of Study**

19.45.577 The course is available by full-time study only.

**Curriculum**

19.45.578 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project.

Compulsory Classes Level Credits

DM 503 Global Design 5 10

DM 923 Product Modelling & Visualisation 5 10

DM 931 Industry Group Project 5 40

DM 934 Design Methods 5 10

EF 927 Design Management 5 10

Students choose, 40 credits from

AB 975 Sustainability 5 10

DM 933 Engineering Risk Management 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

DM 948 Advanced Materials & Production Technology 5 10

DM 985 Remanufacturing 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

DM 920 Strategic Technology Management 5 10

DM 926 Supply Chain Operations 5 10

DM 928 Enterprise Resource Planning 5 10

DM 935 Management of Total Quality and 5 10

Continuous Improvement

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 944 Product Costing and Financial Management 5 10

DM 945 System Thinking and Modelling 5 10

DM 948 Advanced Materials & Production Technology 5 10

DM 981 Management of Innovation 5 10

DM 983 Design Form and Aesthetics 5 10

DM 984 Human Centred Design 5 10

Exceptionally, such other classes totalling no more than 40 credits as approved by the Course Director.

Students for the degree of MSc only

DM 932 Postgraduate Individual Project 5 60

**Examination, Progress and Final Assessment**

19.45.579 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.580 The final assessment will be based on performance in the examinations, coursework, and the Postgraduate Individual Project where undertaken.

**Award**

19.45.581 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technology Ventures with Design Engineering 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 compulsory and optional classes plus the Postgraduate Individual Project DM932.

19.45.582 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Technology Ventures with Design Engineering a candidate must have accumulated no fewer than 120 credits including all the compulsory classes and optional modules.

19.45.583 **Postgraduate Certificate:**  In order to qualify for the award of the Postgraduate Certificate in Design Engineering a candidate must have accumulated no fewer than 60 credits must be completed.

19.45.584

to 19.45.585 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

TECHNOLOGY VENTURES WITH SYSTEMS ENGINEERING MANAGEMENT

MSc in Technology Ventures with Systems Engineering Management

**Postgraduate Diploma in Technology Ventures with Systems Engineering Management**

Postgraduate Certificate in Systems Engineering Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19 and 19.1]

Admission

19.45.586 Notwithstanding Regulation 19.1.1, successful applicants shall

(i) possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or

(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) have satisfactorily obtained 99 CMU units of study (150 credits) from the MS in Technology Ventures at Carnegie Mellon University, including the Master of Science Technology Ventures Internship

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

Duration of Study

19.45.587 Regulations 19.1.5 and 19.1.6 shall apply.

Nature of Study

19.45.588 The course is available by full-time study only.

Curriculum

19.45.589 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project.

Compulsory Classes Level Credits

DM918 People, Organisation and Technology 5 10

DM931 Postgraduate Group Project 5 40

DM933 Engineering Risk Management 5 10

DM945 Systems Thinking and Modelling 5 10

DM993 Systems Engineering Concepts 5 10

DM994 Systems Architectures & Design 5 10

Optional Classes

No fewer than 30 credits chosen from

DM920 Strategic Technology Management 5 10

DM923 Product Modelling and Visualisation 5 10

DM927 Strategic Supply Chain Management 5 10

DM934 Design Methods 5 10

DM943 Sustainable Product Design and Manufacture 5 10

DM944 Product Costing & Financial Management 5 10

DM949 DoE for Optimisation 5 10

EF945 Knowledge & Information Management 5 10

for Engineers

MS926 Business Simulation Methods 5 10

Exceptionally, such other classes totalling no more than 30 credits as approved by the Course Director.

Students for the degree of MSc only

DM932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment

19.45.590 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.591 The final assessment will be based on performance in the examinations, coursework and the Postgraduate Individual Project where undertaken.

**Award**

19.45.592 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technology Ventures with 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.

19.452.593 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Technology Ventures with Systems Engineering Management, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.594 **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 course curriculum.

19.45.595 to

19.45.625 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**TECHNOLOGY VENTURES WITH DIGITAL MANUFACTURING**

**MSc in Technology Ventures with Digital Manufacturing**

**Postgraduate Diploma in Technology Ventures with Digital Manufacturing**

**Postgraduate Certificate in Digital Manufacturing**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.45.626 Notwithstanding Regulation 19.1.1, successful applicants shall

(i) possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or

(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or

(iii) have satisfactorily obtained 99 CMU units of study (150 credits) from the MS in Technology Ventures at Carnegie Mellon University, including the Master of Science Technology Ventures Internship

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English

**Duration of Study**

19.45.627 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.45.628 As permitted by Regulation 19.1.8, some off-campus work may be required.

**Mode of Study**

19.45.629 The courses may be available by full-time study only.

**Curriculum**

19.45.630 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc fewer than 180 credits including a project.

Compulsory Classes Level Credits

DM 939 Digital Manufacturing Concepts 5 10

DM 942 Manufacturing Automation 5 10

DM 986 Mechatronic Systems Design Techniques 5 10

DM 951 Design for Industry 4 and Smart Products 5 10

EF 945 Knowledge & Information Management for 5 10

Engineers

DM 931 Postgraduate Group Project 5 40

Optional Classes

No fewer than 30 credits chosen from

DM 948 Advanced Materials & Production Technology 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 943 Sustainable Product Design & Manufacturing 5 10

DM 981 Management of Innovation 5 10

Students for the Degree of MSc only

DM 932 Postgraduate Individual Project 5 60

Exceptionally, such other classes totalling no more than 20

credits, as approved by the Course Coordinator.

**Examination, Progress and Final Assessment**

19.45.631 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.632 The final assessment will be based on performance in the examinations, coursework, and the DM932 Postgraduate Individual Project where undertaken.

**Award**

19.45.633 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technology Ventures with Digital Manufacturing, 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 DM932 Postgraduate Individual Project.

19.45.634 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Technology Ventures with Digital Manufacturing, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.635 **Postgraduate Certificate:**  In order to qualify for the award of the Postgraduate Certificate in Digital Manufacturing, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.45.636

to 19.45.666 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT**

**MANUFACTURING MANAGEMENT**

**MSc in Manufacturing Management**

**Postgraduate Diploma in Manufacturing Management**

**Postgraduate Certificate in Manufacturing Management**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.45.667 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.45.668 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.45.669 The courses may be available by full-time or part-time study.

**Curriculum**

19.45.670 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including the DM932 project.

Compulsory Classes Level Credits

DM 918 People, Organisation and Technology 5 10

DM 920 Strategic Technology Management 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 931 Postgraduate Group Project 5 40

DM 933 Engineering Risk Management 5 10

DM 935 Management of Total Quality and Continuous

Improvement 5 10

DM 939 Digital Manufacturing 5 10

Students for the Degree of MSc:

DM 932 Postgraduate Individual Project 5 60

Optional Classes

No fewer than 20 credits chosen from:

DM 943 Sustainable Product Design & Manufacturing 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 948 Advanced Materials & Production Technology 5 10

DM 985 Remanufacturing 5 10

Exceptionally, such other classes totalling no more than 10

credits, as approved by the Course Director.

**Examination, Progress and Final Assessment**

19.45.671 Regulations 19.1.25 – 19.1.33 shall apply.

19.45.672 The final assessment will be based on performance in the examinations, coursework, and the DM932 Postgraduate Individual Project where undertaken.

**Award**

19.45.673 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Manufacturing 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 DM932 Postgraduate Individual Project.

19.45.674 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Manufacturing Management, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.675 **Postgraduate Certificate:**  In order to qualify for the award of the Postgraduate Certificate in Manufacturing Management, a candidate must have accumulated no fewer than 60 credits from the taught class of the course.

19.45.676

to 19.45.677 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

**COMMUNICATIONS, CONTROL AND DIGITAL SIGNAL PROCESSING**

MSc 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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.46.1Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

1. appropriate professional experience.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.3 The courses are available by full-time and part-time study.

Curriculum

19.46.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

EE 969 Digital Signal Processing Principles 5 20

EE 970 Information Transmission and Security 5 20

EE 972 Control Principles 5 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

EE 971 Communications Networks 5 20

EE 978 Advanced Digital Signal Processing 5 20

EE 980 Embedded System Design 5 20

EE 981 Image and Video Processing 5 20

EE 982 Control Techniques 5 20

EE 999 PGDip Electronic and Electrical Engineering   
Dissertation 5 20

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.6 The final assessment will be based on performance in the examinations, courseworkand the EE 990 Project where undertaken.

Award

19.46.7 **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 EE 990.

19.46.8 **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.

19.46.9 **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 course curriculum.

19.46.10

to 19.46.19 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

ELECTRICAL POWER AND ENERGY SYSTEMS

MSc in Electrical Power and Energy Systems

Postgraduate Diploma in Electrical Power and Energy Systems

Postgraduate Certificate in Electrical Power and Energy Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.20 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

1. appropriate professional experience.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.22 The courses are available by full-time and part-time study.

Curriculum

19.46.23 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

EE 873 Advanced Power and Energy Systems 5 20

EE 976 Power System Economics, Markets and Asset  
Management 5 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

No fewer than 60 credits chosen from

EE 974 High Voltage Technology and Electromagnetic  
Compatibility 5 20

EE 975 Power Electronics for Energy and Drive Control 5 20

EE 977 Wind Energy and Distributed Energy Resources 5 20

EE 987 Sensor Technologies 5 20

EE 806 Offshore and Pan European Supergrids 5 10

EE 818 Data Analytics and AI for Energy Systems 5 10

EE 866 Power Electronics Devices, Drives and

Machines 1 5 10

EE 877 Wind Energy and Distributed Energy

Resources 1 5 10

EE 999 PGDip Electronic and Electrical Engineering   
Dissertation 5 20

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

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.24 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.25 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.26 **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 EE 990.

19.46.27 **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 course curriculum.

19.46.28 **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 course curriculum.

19.46.29

to 19.46.40 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

**ELECTRICITY INDUSTRY MANAGEMENT AND TECHNOLOGY**

**MSc in Electricity Industry Management and Technology**

**Postgraduate Diploma in Electricity Industry Management and Technology**

**Postgraduate Certificate in Electricity Industry Management and Technology**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.41 Regulations 19.1.1 and 19.1.2 shall apply.

Mode of Study

19.46.42 The courses are available by full-time and part-time study.

Curriculum

19.46.43 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma – no fewer than 120 credits including all the compulsory classes.

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

19 940General and Strategic Management 5 12

19 941Financial Management 5 12

19 942 Information Systems Strategy 5 12

19 943 Power System Operation and Management 5 12

19 944 Power System Economics and Regulatory Issues 5 12

Optional Classes

19 945 Power Generation Technologies: Electrical 5 12

19 946 Power Generation Technologies: Mechanical 5 12

19 947 Power System Analysis and Design 5 12

19 948 Power System Protection, Control and Monitoring 5 12

19 949 Power Engineering and the Environment 5 12

19 950 High Voltage Engineering 5 12

19 951 Energy Management and System Analysis 5 12

19 952 Manufacturing Systems for Power Plant 5 12

19 953 Project and Contract Management 5 12

19 954 Human Resource Management 5 12

19 955 Intelligent System Applications in Power   
Engineering 5 12

19 956 Networking and Communications 5 12

19 957 Database Management and Applications 5 12

In addition, students may select other classes offered by the Department of Electronic and Electrical Engineering on other postgraduate courses subject to the approval of the Course Director.

Students for the degree of MSc only

EE 990 Project 5 60

Examination, Progress and Final Assessment

19.46.44 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.45 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.46 **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 EE 990.

19.46.47 **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 classes of the course.

19.46.48 **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 classes of the course.

19.46.49

to 19.46.59 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

ELECTRONIC AND ELECTRICAL ENGINEERING

MSc in Electronic and Electrical Engineering

Postgraduate Diploma in Electronic and Electrical Engineering

Postgraduate Certificate in Electronic and Electrical Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.46.60 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

1. appropriate professional experience

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.61 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.46.62 The courses are available by full-time and part-time study only.

Curriculum

19.46.63 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

EE 986 Assignment and Professional Studies 5 20

Optional Classes

EE 966 Power Electronics, Machines and Applications 5 20

EE 967 Power System Design, Operation and Protection 5 20

EE 969 Digital Signal Processing Principles 5 20

EE 970 Information Transmission and Security 5 20

EE 972 Control Principles 5 20

EE 973 Advanced Power System Analysis and Protection 5 20

EE 974 High Voltage Technology and Electromagnetic  
Compatibility 5 20

EE 975 Power Electronics for Energy and Drive Control 5 20

EE 976 Power System Economics, Markets and Asset  
Management 5 20

EE 977 Wind Energy and Distributed Energy Resources 5 20

EE 978 Advanced Digital Signal Processing 5 20

EE 980 Embedded System Design 5 20

EE 981 Image and Video Processing 5 20

EE 985 Software Engineering 5 20

EE 987 Sensor Technologies 5 20

EE 991 5G Communications Networks 5 20

EE 999 PGDip Electronic and Electrical Engineering   
Dissertation 5 20

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

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

Examination, Progress and Final Assessment

19.46.64 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.65 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.66 **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 EE 990.

19.46.67 **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 course curriculum.

19.46.68 **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 course curriculum.

19.46.69

to 19.46.99 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

5G ADVANCED COMMUNICATIONS

MSc in 5G Advanced Communications

Postgraduate Diploma in 5G Advanced Communications

Postgraduate Certificate in 5G Advanced Communications

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.100 Regulations 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

1. appropriate professional experience.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.101 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.102 The courses are available by full-time and part-time study only.

Curriculum

19.46.103 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

EE 969 Digital Signal Processing Principles 5 20

EE 986 Assignment and Professional Studies 5 20

EE 970 Information Transmission and Security 5 20

EE 991 5G Communications Networks 5 20

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

Optional Classes

EE 987 Sensor Technologies 5 20

EE 978 Advanced Digital Signal Processing 5 20

EE 981 Image and Video Processing 5 20

EE 980 Embedded System Design 5 20

EE 985 Software Engineering 5 20

EE 999 PGDip Electronic and Electrical Engineering   
 Dissertation 5 20

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

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.104 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.105 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.106 **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 EE 990.

19.46.107 **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 course curriculum.

19.46.108 **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 course curriculum.

19.46.109

to 19.46.110 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

COMMUNICATIONS TECHNOLOGY AND POLICY

MSc in Communications Technology and Policy

Postgraduate Diploma in Communications Technology and Policy

Postgraduate Certificate in Communications Technology and Policy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.46.111 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.112Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.113 The courses are available by full-time and part-time study.

Curriculum

19.46.114 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the list of taught compulsory classes.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the EE990 project.

Compulsory Classes Level Credits

EE 970 Information Transmission and Security 5 20

EE 971 Communications Networks 5 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

EE 969 Digital Signal Processing Principles 5 20

EE 985 Software Engineering 5 20

MS 928 Business Information Systems 5 10

MS 969 Advanced Project Management 5 10

MG 803 Creativity, Change and Innovation 5 20

MG 804 Strategic Technology Management 5 20

EE 999 PGDip Electronic and Electrical Engineering   
Dissertation 5 20

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

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.115 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.116 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.117 **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 EE 990.

19.46.118 **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 course curriculum.

19.46.119 **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 course curriculum.

19.46.120

to 19.46.139 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

WIND ENERGY SYSTEMS

MSc in Wind Energy Systems

Postgraduate Diploma in Wind Energy Systems

Postgraduate Certificate in Wind Energy Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.46.140 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.141 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.46.142 The courses are available by full-time and part-time study only.

Curriculum

19.46.143 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diplomano fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including all the compulsory classes and the EE990 project.

Compulsory Classes Level Credits

EE 989 Wind Turbine Technology 5 20

EE 988 Power Systems and Wind Integration 5 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

All students shall undertake at least 40 credits from List A.

**List A**

EE 966 Power Electronics, Machines and Applications 5 20

EE 967 Power System Design, Operation and Protection 5 20

EE 972 Control Principles 5 20

EE 973 Advanced Power System Analysis and Protection 5 20

EE 974 High Voltage Technology and

Electromagnetic Compatibility 5 20

EE 975 Power Electronics for Energy and Drive Control 5 20

EE 976 Power System Economics, Markets and Asset  
Management 5 20

EE 999 PGDip Electronic and Electrical Engineering  
Dissertation 5 20

**List B**

EC 928 Energy Economics 5 10

NM 946 Inspection and Survey 5 20

NM 969 Renewable Marine Energy Systems 5 10

CL 961 Geographical Information Systems 5 10

EV 939 Environmental Impact Assessment 5 10

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

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

Students for the degree of MSc only

EE 990 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.144 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.145 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.146 **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 EE 990.

19.46.147 **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 course curriculum.

19.46.148 **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 course curriculum.

19.46.149

to 19.46.159 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

ADVANCED ELECTRICAL POWER AND ENERGY SYSTEMS

MSc in Advanced Electrical Power and Energy Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.160 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.161 Regulations 19.1.4 and 19.1.5 shall apply. The normal duration of study will be for the degree of Master by full-time study – 24 months

Mode of Study

19.46.162 The course is available by full-time study only.

Curriculum

19.46.163 All students shall undertake an approved curriculum as follows

for the degree of MSc no fewer than 240 credits including a project.

Compulsory Classes Level Credits

EE 873 Advanced Power and Energy Systems 5 20

EE 974 High Voltage Technology and Electromagnetic  
Compatibility 5 20

EE 975 Power Electronics for Energy and Drive Control 5 20

EE 976 Power System Economics, Markets and Asset  
Management 5 20

EE 977 Wind Energy and Distributed Energy Resources 5 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

No fewer than 40 credits chosen from

EE 969 Digital Signal Processing Principles 5 20

EE 970 Information Transmission and Security 5 20

EE 972 Control Principles 5 20

EE 985 Software Engineering 5 20

EE 989 Wind Turbine Technology 5 20

EE 991 5G Communications Networks 5 20

EE 806 Offshore and Pan European Supergrids 5 10

EE 817 Hardware IoT Communication System Design 5 10

EE 818 Data Analytics and AI for Energy Systems 5 10

EE 891 5G Communications Networks 5 10

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

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

Students for the degree of MSc only

EE 900 MSc Project 5 80

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

Examination, Progress and Final Assessment

19.46.164 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.165 In order to progress to the second year of the course, a student must have accumulated no fewer than 120 credits from the course curriculum

19.46.166 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.

19.46.167 The final assessment will be based on performance in the examinations, coursework and the EE 900 Project where undertaken.

Award

19.46.168 **Degree of MSc:** 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 EE 900.

19.46.169 Students who fail to accumulate 240 credits over the programme duration will be transferred and considered for an award of MSc/Postgraduate Diploma in Electronic and Electrical Engineering or MSc/Postgraduate Diploma in Electrical Power and Energy Systems.

19.46.170 to

19.46.201 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

AUTONOMOUS ROBOTIC INTELLIGENT SYSTEMS

MSc in Autonomous Robotic Intelligent Systems

Postgraduate Diploma in Autonomous Robotic Intelligent Systems

Postgraduate Certificate in Autonomous Robotic Intelligent Systems

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.202 Regulations 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.203 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.204 The courses are available by full-time and part-time study only.

Curriculum

19.46.205 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the list of taught classes.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the EE998 project.

Compulsory Classes Level Credits

DM 996 Intelligent Sensing, Reasoning, and 5 20

Deep Learning

DM 939 Digital Manufacturing Concepts 5 10

DM 942 Manufacturing Automation 5 10

DM 951 Design for Industry 4 and Smart Products 5 10

DM 986 Mechatronic System Design Techniques 5 10

EE 474 Robotics and Control Systems 4 20

EE 986 Assignment and Professional Studies 5 20

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

Optional Classes

No fewer than 20 credits chosen from

DM 920 Strategic Technology Management 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 934 Design Methods 5 10

DM 945 System Thinking and Modelling 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 947 Advanced Forming Technology Systems 5 10

DM 948 Advanced Materials and Production 5 10

Technology

EE 981 Image and Video Processing 5 20

EE 972 Control Principles 5 20

EE 978 Advanced Digital Signal Processing Principles 5 20

EE 579 Advanced Microcontroller Applications 5 20

EE 980 Embedded System Design 5 20

EF 927 Design Management 5 10

EF 945 Knowledge & Information Management for 5 10

Engineers

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

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

Students for the degree of MSc only

EE 998 MSc Project 5 60

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

Examination, Progress and Final Assessment

19.46.206 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.207 The final assessment will be based on performance in the examinations, coursework and the EE998 Project where undertaken.

Award

19.46.208 **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.

19.46.209 **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 course curriculum.

19.46.210 **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 course curriculum.

19.46.211

to 19.46.241 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

**MSC RENEWABLE ENERGY IN THE MARINE ENVIRONMENT**

MSc in Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering (Erasmus Mundus)

MSc 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)

Course Regulations

Admission

19.46.242 Applicants shall

(i) possess a suitable higher education degree from European universities in the field of engineering, geosciences, oceanography, mathematics, physics or environmental sciences; or

(ii) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) appropriate professional experience.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English competency.

Duration of Study

19.46.243 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

19.46.244 The courses are available by full-time study only.

Place of Study

19.46.245 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

*Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering*

19.46.246 First Year

All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows

Compulsory Classes Level ECTS UoS

NM 946 Inspection and Survey 5 5 10

NM 833 Marine Renewable Energy Systems 5 5 10

NM 978 Physical Testing of Offshore Renewable

Energy Devices 5 5 10

NM 960 Finite Element Analysis of Floating Structures 5 5 10

EC 928 Energy Economics 5 5 10

EE 816 Environmental Impact Assessment for Offshore Renewable Energy 5 5 10

**Classes offered at Universidad Del Pais Vasco (Spain)**

UP V01 Ocean Wave Energy and Offshore Wind Energy 5 4.5 9

UP V02 Advanced fluid dynamics modelling 5 4.5 9

UP V03 Theoretical aspects in fluid dynamics 5 3 6

UP V04 Computational fluid dynamics for turbulent flow 5 3 6

UP V05 Integration of Renewable Energy 5 3 6

UP V06 Operation of transmission and distribution grids 5 3 6

UP V07 Environmental conditions for marine renewables 5 3 6

UP V08 Operations and maintenance of marine arrays 5 3 6

UP V09 Basque language and culture 5 3 6

Exceptionally, one of the above classes can be replaced by a class from Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems, as approved by the Course Director.

19.46.247 **Second Year**

All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows:

Compulsory Classes Level ECTS UoS

**Classes offered at Ecole Centrale De Nantes (France)**

EC N01 Water waves and sea states modelling 5 4 8

EC N02 General concepts of hydrodynamics 5 4 8

EC N03 Numerical hydrodynamics 5 5 10

EC N04 Experimental hydrodynamics 5 4 8

EC N05 Marine RE: offshore wind turbines 5 1 2

EC N06 Marine RE: tidal turbines 5 2 4

EC N07 Marine RE: wave energy converters 5 2 4

EC N08 Wave-structure interactions and moorings 5 4 8

EC N09 French language and culture 5 4 8

In addition, students shall undertake one of the following

NM 834 MSc Project 5 30 60

UP V13 MSc Project 5 30 60

EC N10 MSc Project 5 30 60

*Renewable Energy in the Marine Environment with specialism in Power Electronics and Control for Offshore Renewable Energy Systems*

19.46.248 **First Year**

All students shall undertake an approved curriculum of no fewer than 120 credits (60 ECTS) as follows

Compulsory Classes Level ECTS UoS

EE 872 Control Principles 1 5 5 10

EE 877 Wind Energy and Distributed Energy Resources 1 5 5 10

NM 833 Marine Renewable Energy Systems 5 5 10

EE 866 Power Electronics Devices, Drives and Machines 1 5 5 10

EC 928 Energy Economics 5 5 10

EE 816 Environmental Impact Assessment for Offshore Renewable Energy5 510

**Classes offered at Universidad Del Pais Vasco (Spain)**

UP V01 Ocean Wave Energy and Offshore Wind Energy 5 4.5 9

UP V10 Modelling of wind/marine current generators 5 3 6

UP V11 Wave to wire control 5 4.5 9

UP V05 Integration of Renewable Energy 5 3 6

UP V06 Operation of transmission and distribution grids 5 3 6

UP V12 Power electronics in offshore power systems 5 3 6

UP V07 Environmental conditions for marine renewables 5 3 6

UP V08 Operations and maintenance of marine arrays 5 3 6

UP V09 Basque language and culture 5 3 6

Exceptionally, one of the above classes can be replaced by a class from Renewable Energy in the Marine Environment with specialism in Offshore Renewables Energy Systems Engineering, as approved by the Course Director.

19.46.249 **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 classes and no fewer than two optional classes

Compulsory Classes Level ECTS UoS

**Classes offered at Norwegian University of Science and Technology (Norway)**

NT NU01 Applied electromagnetics in power engineering 5 7.5 15

NT NU04 Power electronics 5 7.5 15

NT NU05 Power system analysis 5 7.5 15

Optional Classes Level ECTS UoS

NT NU02 Power electronics in future power systems 5 3.75 7.5

NT NU03 Wind power in electric power systems 5 3.75 7.5

NT NU06 Quality of supply in electrical power systems 5 3.75 7.5

In addition, students shall undertake one of the following projects

Level ECTS UoS

19 900 MSc Project 5 30 60

UP V13 MSc Project 5 30 60

NT NU07 MSc Project 5 30 60

Examination, Progress and Final Assessment

19.46.250 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.251 In order to progress to the second year of the course, a student must have accumulated no fewer than 120 credits (60 ECTS) from the course curriculum.

19.46.252 The final assessment will be based on performance in the examinations and coursework together with the MSc project.

Award

19.46.253**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. 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).

Students who do not qualify for the Degree of MSc may qualify for Postgraduate Certificate from University of Strathclyde as follows:

**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.

19.46.254

to 19.46.284 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

MACHINE LEARNING AND DEEP LEARNING

MSc in Machine Learning and Deep Learning

Postgraduate Diploma in Machine Learning and Deep Learning

Postgraduate Certificate in Machine Learning and Deep

Learning

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.46.285 Regulations 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience.

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

19.46.286 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.46.287 The courses are available by full-time study only.

Curriculum

19.46.288 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120

for the degree of MSc – no fewer than 180 credits including the EE997 project.

Compulsory Classes

Level Credit

DM996 Intelligent Sensing, Reasoning and 5 20

Deep Learning

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 who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Students for the degree of MSc only:

EE997 MSc Project 5 60

Optional Classes

Students must choose no fewer than 20 credits from:

EE981 Image and Video Processing 5 20

EE980 DSP & FPGA for Embedded System Design 5 20

CS547 Advanced Topics in Software Engineering 5 20

CS412 Information Access & Mining 5 20

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

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

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

Examination, Progress and Final Assessment

19.46.289 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.290 The final assessment will be based on performance in the examinations, coursework and the EE997 Project where undertaken.

Award

19.46.291 **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.

19.46.292 **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 course curriculum.

19.46.293 **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 course curriculum.

19.46.294

to 19.46.324 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

SMART GRIDS

MSc in Smart Grids

Postgraduate Diploma in Smart Grids

Postgraduate Certificate in Smart Grids

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.46.325 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent; or

(iii) appropriate professional experience

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.46.326 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.46.327 The courses are available by full-time and part-time study only.

Curriculum

19.46.328 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes.

for the degree of MSc no fewer than 180 credits including the EE819 project.

Compulsory Classes

Level Credits

EX506 External Study 5 60

EE802 Control and Protection of Future 5 10

Networks

EE817 Hardware IoT Communication System 5 10

Design

EE891 5G Communications Networks 5 10

EE806 Offshore and Pan European 5 10

Supergrids

EE818 Data Analytics for Smart Grids 5 10

EE803 Power Electronics for Transmission 5 10

and Distribution

Students for the Degree of MSc only

EE819 MSc Project and Internship 5 60

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

Examination, Progress and Final Assessment

19.46.329 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.330 The final assessment will be based on performance in the examinations, coursework and the EE819 Project where undertaken.

Award

19.46.331 **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.

19.46.332 **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.

19.46.333 **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).

19.46.334

to 19.46.364 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

ADVANCED MECHANICAL ENGINEERING

MSc in Advanced Mechanical Engineering

MSc in Advanced Mechanical Engineering with Aerospace

MSc in Advanced Mechanical Engineering with Energy Systems

MSc in Advanced Mechanical Engineering with Materials

**MSc in Advanced Mechanical Engineering with Power Plant Technologies**

Postgraduate Diploma in Advanced Mechanical Engineering

Postgraduate Certificate in Advanced Mechanical Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.47.1 Notwithstanding Regulation 19.1.1, 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 Science or Engineering; or

(ii) a qualification deemed by the Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.47.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.47.3 The courses are available by full-time and part-time study.

Curriculum

19.47.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the project

Classes Level Credits

No fewer than 30 credits chosen from list A

**List A**

EF 927 Design Management 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EF 929 Financial Engineering 5 10

AB 975 Sustainability 5 10

EV 939 Environmental Impact Assessment 5 10

No fewer than 60 credits from List B

**List B**

16 598 Aerodynamic Performance 5 10

ME 923 Gas and Steam Turbines 5 10

ME 926 Nuclear Power Systems 5 10

ME 927 Energy Resources and Policy 5 10

ME 929 Electrical Power Systems 5 10

ME 930 Energy Modelling and Monitoring 5 10

ME 931 Industrial Metallurgy 5 10

ME 947 Materials for High Temperature Applications 5 10

ME 950 Boiler Thermal Hydraulics 5 10

Additional Level 5 classes offered by the Department of Mechanical and Aerospace Engineering, listed in Regulation 11048.UG.7

Exceptionally, such other Level 5 classes as may be approved by the Course Director.

***MSc in Advanced Mechanical Engineering with Aerospace***

Compulsory Classes

16598 Aerodynamic Performance 5 10

16599 Aerodynamic Propulsion Systems 5 10

ME 512 Spaceflight Mechanics 5 10

***MSc Advanced Mechanical Engineering with Energy Systems***

Compulsory Classes

ME 927 Energy Resources and Policy 5 10

ME 929 Electrical Power Systems 5 10

ME 930 Energy Modelling and Monitoring 5 10

***MSc in Advanced Mechanical Engineering with Materials***

Compulsory Classes

16 565 Engineering Composites 5 10

ME 523 Polymer and Polymer Composites 5 10

ME 931 Industrial Metallurgy 5 10

***MSc in Advanced Mechanical Engineering with Power Plant Technologies***

Compulsory Classes

ME 929 Electrical Power Systems 5 10

ME 923 Gas and Steam Turbines 5 10

ME 950 Boiler Thermal Hydraulics 5 10

Students for the degree of MSc only

EF 900 Project 5 60

Examination, Progress and Final Assessment

19.47.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.47.6 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.47.7 **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 EF 900. 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 classes. Candidates may only choose one specialism.

19.47.8 **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 classes of the course.

19.47.9 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 classes of the course.

19.47.10 to

19.47.40 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

**ADVANCED MECHANICAL ENGINEERING (by Distance Learning)**

MSc in Advanced Mechanical Engineering

Postgraduate Diploma in Advanced Mechanical Engineering

Postgraduate Certificate in Advanced Mechanical Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.47.41 Notwithstanding Regulation 19.1.1, 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 Science or Engineering; or

(ii) a qualification deemed by the Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.47.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.47.43 The course is only available by part-time distance learning study.

Curriculum

19.47.44 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the Project

Level Credits

ME 946 Pressurised Systems 5 10

ME 947 Materials for High Temperature Applications 5 10

ME 948 Hydraulics 5 10

ME 926 Nuclear Power Systems 5 10

ME 945 Introduction to Open-Source CFD 5 10

ME 950 Boiler Thermal Hydraulics 5 10

ME 949 Advanced Open-Source CFD 5 10

ME 923 Gas and Steam Turbines 5 10

ME 529 Aerodynamics in C 5 10

Exceptionally, such other Level 5 classes as may be approved by the Course Director.

Additional Classes

Students will choose an additional 30 credits from the Department’s catalogue of online classes.

Students for the degree of MSc only

EF 900 Project 5 60

Examination, Progress and Final Assessment

19.47.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.47.46 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.47.47 **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 EF 900.

19.47.48 **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 classes of the course.

19.47.49 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 classes of the course.

19.47.50 to

19.47.80 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

ADVANCED MECHANICAL ENGINEERING

MSc in Advanced Mechanical Engineering with Industrial Placement

MSc in Advanced Mechanical Engineering with Industrial Placement in Aerospace Engineering

MSc in Advanced Mechanical Engineering with Industrial Placement in Energy Systems Engineering

MSc in Advanced Mechanical Engineering with Industrial Placement in Materials Engineering

MSc in Advanced Mechanical Engineering with Industrial Placement in Power Plant Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.47.81 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.47.82 18 months.

Mode of Study

19.47.83 The courses are available by full-time study only.

Curriculum

19.47.84 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 210 credits including the project EF 900 Project and ME 944 Industrial Placement

**MSc in Advanced Mechanical Engineering with Industrial Placement in Aerospace Engineering**

Compulsory classes

16598 Aerodynamic Performance 5 10

16599 Aerodynamic Propulsion Systems 5 10

ME 512 Spaceflight Mechanics 5 10

Optional Classes

Students shall take 90 credits with no fewer than 30 from the classes in List A and no fewer than 50 from the classes in List B .

**MSc Advanced Mechanical Engineering with Industrial Placement in Energy Systems**

Compulsory classes

ME 927 Energy Resources and Policy 5 10

ME 929 Electrical Power Systems 5 10

ME 930 Energy Modelling and Monitoring 5 10

Optional Classes

Students shall take 90 credits with no fewer than 30 from the classes in List A and no fewer than 50 from the classes in List B.

**MSc in Advanced Mechanical Engineering with Industrial Placement in Materials Engineering**

Compulsory classes

16 565 Engineering Composites 5 10

ME 523 Polymer and Polymer Composites 5 10

ME 931 Industrial Metallurgy

Optional Classes

Students shall take 90 credits with no fewer than 30 from the classes in List A and no fewer than 50 from the classes in List B . 5 10

**MSc in Advanced Mechanical Engineering with Industrial Placement in Power Plant Engineering**

Compulsory classes

ME 950 Boiler Thermal Hydraulics 5 10

ME 923 Gas and Steam Turbines 5 10

ME 929 Electrical Power Systems 5 10

Optional Classes

Students shall take 90 credits with no fewer than 30 from the classes in List A and no fewer than 50 from the classes in List B .

MSc in Advanced Mechanical Engineering with Industrial Placement

Optional Classes

Students shall take 120 credits with no fewer than 30 from the classes in List A and no fewer than 50 from the classes in List B .

Classes

List A Level Credits

EF 927 Design Management 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EF 929 Financial Engineering 5 10

AB 975 Sustainability 5 10

EV 939 Environmental Impact Assessment 5 10

List B

16 598 Aerodynamic Performance 5 10

ME 950 Boiler Thermal Hydraulics 5 10

ME 947 Materials for High Temperature Applications 5 10

ME 923 Gas and Steam Turbines 5 10

ME 926 Nuclear Power Systems 5 10

ME 927 Energy Resources and Policy 5 10

ME 929 Electrical Power Systems 5 10

ME 930 Energy Modelling and Monitoring 5 10

ME 931 Industrial Metallurgy 5 10

Additional Level 5 classes offered by the Department of Mechanical and Aerospace Engineering, listed in Regulation 12.47.9.

Exceptionally, such other Level 5 classes as may be approved by the Course Director.

Students for the degree of MSc only:

EF 900 Project 5 60

ME 944 Industrial Placement 5 30

Examination, Progress and Final Assessment

19.47.85 Regulations 19.1.25 – 19.1.33 shall apply.

19.47.86 The final assessment will be based on performance in the examinations, coursework and the EF 900 Project and ME 944 Industrial Placement where undertaken.

Award

19.47.87 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Mechanical Engineering with Industrial Placement, MSc in Advanced Mechanical Engineering with Industrial Placement in Aerospace Engineering, MSc in Advanced Mechanical Engineering with Industrial Placement in Materials Engineering, MSc in Advanced Mechanical Engineering with Industrial Placement in Energy Systems Engineering or MSc in Advanced Mechanical Engineering with Industrial Placement in Power Plant Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 210 credits in the appropriate specialism, of which 90 must have been awarded in respect of the ME 944 Industrial Placement and EF 900 project. *Candidates may only choose one specialism.*

**Transfer**

19.47.88 Students who fail to accumulate 210 credits over the programme duration will be transferred and considered for an award of MSc/Postgraduate Diploma or Certificate in an appropriate Mechanical Engineering programme described in Regulations 19.47.07 to 19.47.09.

19.47.89 to

19.47.119 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

SATELLITE APPLICATIONS

MSc in Satellite Applications

MSc in Satellite Applications with Data Science

Postgraduate Diploma in Satellite Applications

Postgraduate Certificate in Satellite Applications

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.47.120 Notwithstanding Regulation 19.1.1, 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 Science or Engineering; or

(ii) a qualification deemed by the Course Director acting on behalf

of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.47.121 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.47.122 The courses are available by full-time study only.

Curriculum

19.47.123 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CS 989 Big Data Fundamentals 5 10

ME 955 Introduction to Space Technologies for

Satellite Applications 5 10

ME 954 Introduction to Satellite Applications 5 10

ME 958 Data Science for Satellite Applications 5 10

ME 956 Satellite Application Payloads 5 10

ME 957 Satellite Applications for Sustainable

Development Goals 5 10

Z1 931 Entrepreneurship, Innovation, and

Commercialisation 5 10

Z1 938 New Venture Planning 5 10

**For the degree of MSc in Satellite Applications with Data Science, the following classes are compulsory**

CS 978 Legal Ethical and Professional Issues for the

Information Society 5 10

CS 985 Machine Learning for Data Analytics 5 20

Optional Classes Level Credits

Classes, bringing taught credit total to 120 credits, to be chosen from

AB 975 Sustainability 5 10

CS 978 Legal Ethical and Professional Issues for the

Information Society 5 10

CS 985 Machine Learning for Data Analytics 5 20

EF 927 Design Management 5 10

EF 929 Financial Engineering 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EV 939 Environmental Impact Assessment 5 10

Exceptionally, such other Level 5 classes, totalling no more than 20 credits, as approved by the Course Director.

Students for the degree of MSc only

EF 900 Project 5 60

Examination, Progress and Final Assessment

19.47.124 Regulations 19.1.25 – 19.1.33 shall apply.

19.47.125 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.47.126 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Satellite Applications, 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 EF 900. For the degrees of MSc in Satellite Applications with Data Science the candidate must have attained the credits in the appropriate compulsory classes.

19.47.127 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Satellite Applications, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.47.128 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Satellite Applications, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.47.129 to

19.47.159 (number not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

MARINE ENGINEERING

MSc in Marine Engineering

Postgraduate Diploma in Marine Engineering

Postgraduate Certificate in Marine Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.49.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply

Duration of Study

19.49.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.3 The courses are available by full-time and part-time study.

Curriculum

19.49.4 All students shall undertake an approved curriculum as detailed below.

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits, including *NM 964 Group Project*

for the degree of MSc no fewer than 180 credits, including the Individual Project

Compulsory Classes

Level Credits

NM 946 Inspection and Survey 5 10

NM 949 Marine Transport and Economics 5 10

NM 950 Maritime Safety and Risk 5 10

NM 951 Marine Engineering Simulation and Modelling 5 10

NM 952 Advanced Marine Engineering 5 10

NM 980 Onboard Energy Management and Marine

Environment Protection 5 10

NM 916 Systems Availability and Maintenance 5 10

Optional Classes

10 credits chosen from

EV 939 Environmental Impact Assessment 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

NM 836 Data Analysis for Engineering 5 10

Students for the Postgraduate Diploma and degree of MSc only

NM 964 Group Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Examination, Progress and Final Assessment

19.49.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.6 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken

Award

19.49.7 **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 classes, 40 from the Group Project and 60 from the Individual Project NM 965.

19.49.8 **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 classes and 40 from the Group Project.

19.49.9 **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 classes of the course.

19.49.10

to 19.49.19 (Numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

TECHNICAL SHIP MANAGEMENT

MSc in Technical Ship Management

Postgraduate Diploma in Technical Ship Management

Postgraduate Certificate in Technical Ship Management

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.49.20 Regulations 19.1.1 and 19.1.2 shall apply. In the first instance, students shall normally be admitted to either the Postgraduate Diploma or MSc course.

Duration of Study

19.49.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.22 The courses are available by full-time and part-time study.

Curriculum

19.49.23 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including a group project

for the degree of MSc no fewer than 180 credits including an individual project

Compulsory Classes Level Credits

NM 949 Marine Transport and Economics 5 10

NM 950 Maritime Safety and Risk 5 10

NM 973 Maritime Regulatory Framework 5 10

NM 916 Systems Availability and Maintenance 5 10

NM 980 Onboard Energy Management and Marine

Environment Protection 5 10

EF931 Project Management 5 10

Students for the Postgraduate Diploma and degree of MSc only

NM 964 Group Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Optional Classes

No fewer than 20 credits chosen from

NM 836 Data Analysis for Engineering 5 10

M8 924 International Law and Oceans Governance 5 20

M8 921 Blue Growth and Maritime Law 5 20

NM 946 Inspection and Survey 5 10

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director

Examination, Progress and Final Assessment

19.49.24 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.25 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken,

Award

19.49.26 **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 no fewer than 80 must be from the taught classes, 40 from the Group Project and 60 from the Individual Project NM 965.

19.49.27 **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 credits of which 40 must have been awarded in respect of the Group Project.

19.49.28 **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 classes of the course.

19.49.29

to 19.49.50 (Numbers not used.)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

OFFSHORE FLOATING SYSTEMS

**MSc in Offshore Floating Systems**

Postgraduate Diploma in Offshore Floating Systems

Postgraduate Certificate in Offshore Floating Systems

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1]

Admission

19.49.51 Regulations 19.1.1 - 19.1.3 shall apply.

Duration of Study

19.49.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.53 The courses are available by full-time and part-time study.

Curriculum

19.49.54 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

or the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

NM 946 Inspection and Survey 5 10

NM 958 Risers and Mooring Lines 5 10

NM 959 Dynamics of Floating Offshore Installations 5 10

NM 960 Finite Element Analysis of Floating Structures 5 10

NM 950 Maritime Safety and Risk 5 10

NM 961 Design and Construction of FPSOs 5 10

NM 962 Advanced Marine Structures 5 10

NM 963 Theory and Practice of Marine CFD 5 10

Students for the Postgraduate Diploma and degree of MSc only will undertake

NM 964 Group Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Examination, Progress and Final Assessment

19.49.55 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.56 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

Award

19.49.57 **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 classes, 40 from the Group Project and 60 from the Individual Project NM 965.

19.49.58 **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 classes and 40 from the Group Project.

19.49.59 **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 classes of the course.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

**SUBSEA AND PIPELINE ENGINEERING**

**MSc in Subsea and Pipeline Engineering**

Postgraduate Diploma in Subsea and Pipeline Engineering

Postgraduate Certificate in Subsea and Pipeline Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1]

Admission

19.49.61 Regulation 19.1.1 to 19.1.3 shall apply.

Duration of Study

19.49.62 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.63 The courses are available by full-time and part-time study.

Curriculum

19.49.64 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

NM 950 Maritime Safety and Risk 5 10

NM 958 Risers and Mooring Lines 5 10

NM 960 Finite Element Analysis of Floating

Structures 5 10

NM 966 Marine Pipelines 5 10

NM 977 Subsurface Technology 5 10

NM 801 Marine Pipeline Integrity 5 10

NM 959 Dynamics of Floating Offshore Installations 5 10

NM 837 Underwater Vehicles 5 10

Students for the Postgraduate Diploma and degree of MSc only

NM 964 Group Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Examination, Progress and Final Assessment

19.49.65 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.66 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

Award

19.49.67 **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 classes, 40 from the Group Project and 60 from the Individual Project NM 965.

19.49.68 **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 classes and 40 from the Group Project.

19.49.69 **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 classes of the course.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

SHIP AND OFFSHORE STRUCTURES

MSc in Ship and Offshore Structures

Postgraduate Diploma in Ship and Offshore Structures

Postgraduate Certificate in Ship and Offshore Structures

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1]

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Admission

19.49.71 Regulations 19.1.1 - 19.1.3 shall apply.

Duration of Study

19.49.72 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.73 The courses are available by full-time and part-time study.

Curriculum

19.49.74 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including a group

project

for the degree of MSc no fewer than 180 credits including an individual

project

Classes Level Credits

NM 967 Reliability-Based Structural Design and 5 10

Plated Structures

NM 958 Risers and Mooring Lines 5 10

NM 959 Dynamics of Floating Offshore Installations 5 10

NM 962 Advanced Marine Structures 5 10

NM 960 Finite Element Analysis of Floating Structures 5 10

NM 979 Computational Modelling of Problems in   
 Structural Mechanics 5 10

NM 981 Materials Engineering 5 20

Students for the Postgraduate Diploma and degree of MSc only

NM 964 Group Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Examination, Progress and Final Assessment

19.49.75 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.76 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

Award

19.49.77 **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 NM 965.

19.49.78 **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.

19.49.79 **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 classes of the course.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

SHIP AND OFFSHORE TECHNOLOGY

MSc in Ship and Offshore Technology

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

*The course 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 course regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.*

Admission

19.49.81 Candidates will be admitted in the first instance to the MSc, and shall normally:

1. Possess a bachelors degree or equivalent, at the equivalent of 2nd upper class level, in a marine or marine-related engineering subject
2. In particular, have sufficient knowledge on structural mechanics, hydrostatics, fluid dynamics, ship resistance and propulsion, ship design, etc.
3. Be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

19.49.82 The normal duration of study for the degree of MSc by full-time study will be 2 years (4 semesters).

Place of Study

19.49.83 The course will be taught at the University of Strathclyde in the first year, and Hamburg University of Technology for the second year.

Mode of Study

19.49.84 The course is available by full-time study only.

Curriculum

First Year

19.49.85 All students shall spend the first year at the University of Strathclyde and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows:

# Compulsory Classes Level Credits ECTS

NM 958 Risers and Mooring Lines 5 10 5

NM 966 Marine Pipelines 5 10 5

NM 959 Dynamics of Floating Offshore Inst. 5 10 5

NM 950 Maritime Safety and Risk 5 10 5

NM 960 Finite Element Analysis of Floating

Structures 5 10 5

NM 961 Design and Construction of FPSOs 5 10 5

NM 963 Theory and Practice of Marine CFD 5 10 5

NM 946 Inspection and Survey 5 10 5

NM 983 MSc Group Project – NAME (Ship and

Offshore Technology) 5 20 10

NM 982 Research Project – Ship and Offshore

Technology 5 20 10

Students may be permitted to substitute one approved class from other postgraduate courses offered, including modern languages subject to approval by the Course Director at University of Strathclyde or the Examination Board at Hamburg University of Technology.

**Between First and Second Year, (optional, no credits)**

Intensive German language course

**Second Year**

Students shall spend their second year at Hamburg University of Technology and undertake classes amounting to no fewer than 60 ECTS (120 credits) as follows:

# Compulsory Classes Level Credits ECTS

NM 811 Structural Analysis of Ships & Offshore 5 12 6

Structures

NM 810 Ship Design 5 12 6

NM 815 Ship Vibration 5 12 6

NM 989 Master Thesis 5 60 30

Optional Classes

#### No fewer than 24 credits (12 ECTS) chosen from

NM 809 Nonlinear Structural Analysis 5 12 6

NM 812 Fatigue Strength of Ships and Offshore 5 12 6

Structures

NM 808 Innovative CFD Approaches 5 12 6

NM 807 Arctic Technology 5 12 6

NM 813 Manoeuvrability and Shallow Water Ship

Hydrodynamics 5 12 6

NM 814 Sea-keeping of Ships and Laboratory

On Naval Architecture 5 12 6

With the approval of the Course Director, students may be permitted to substitute one approved class from other postgraduate courses offered.

**Examination, Progress and Final Assessment**

19.49.86 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 course work and in the Master Thesis.

19.49.87 In order to progress to the second year of the course, a student must normally have accumulated no fewer than 120 credits from the agreed curriculum in the first year.

19.49.88 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) 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.

19.49.89 The final assessment and degree award will be based 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

19.49.90 **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

19.49.91 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.

19.49.92

To 19.49.100 (Numbers not used)

**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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.49.101 Students will have been admitted in the first instance to the degree of MSc in Ship and Offshore Technology.

Nature of Study

19.49.102 The course is available by full-time study only.

Curriculum

19.49.103 See Regulation 19.49.85, First Year Curriculum.

Examination, Progress and Final Assessment

19.49.104 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.105 The final assessment will be based on performance in the examinations and and coursework.

Award

19.49.106 **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 course curriculum.

19.49.107 **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 course curriculum.

19.49.108 to

19.49.138 (numbers not used)

**FACULTY OF ENGINEERING**

**DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

ADVANCED NAVAL ARCHITECTURE

MSc in Advanced Naval Architecture

Postgraduate Diploma in Advanced Naval Architecture

Postgraduate Certificate in Advanced Naval Architecture

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.49.139 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply

Duration of Study

19.49.140 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.49.141 The courses are available by full-time and part-time study.

Curriculum

19.49.142 All students shall undertake an approved curriculum as detailed below.

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits,including *NM 839 Group Design Project*

for the degree of MSc – no fewer than 180 credits, including the Individual Project *NM 965 Individual Project*

Compulsory Classes

Level Credits

NM 835 Ship Operability and Control 5 10

NM 962 Advanced Marine Structures 5 10

NM 838 Ship Powering in Service 5 10

NM 950 Maritime Safety and Risk 5 10

NM 973 Maritime Regulatory Framework 5 10

NM 840 Advanced Marine Design 5 10

NM 963 Theory and Practice of Marine CFD 5 10

Students for the Postgraduate Diploma and degree of MSc only

NM 839 Group Design Project 5 40

Students for the degree of MSc only

NM 965 Individual Project 5 60

Optional Classes

10 credits chosen from

NM 946 Inspection and Survey 5 10

NM 949 Maritime Transport and Economics 5 10

NM 836 Data Analysis for Engineering 5 10

Exceptionally, such other classes totalling no more than 10 credits, as approved by the Course Director. Students who have previously completed any class from the list of compulsory classes will be required to undertake an appropriate alternative as approved by the Course Director.

Examination, Progress and Final Assessment

19.49.112 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.113 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

Award

19.49.114 **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 classes, 40 from the Group Design Project NM839 and 60 from the Individual Project NM 965.

19.49.115 **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 classes and 40 from the Group Design Project NM839.

19.49.116 **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 classes of the course.

STRATHCLYDE BUSINESS SCHOOL

FACULTY COURSES

**RESEARCH METHODOLOGY IN BUSINESS AND MANAGEMENT**

Postgraduate Diploma in Research Methodology in Business and Management

Postgraduate Diploma in Research Methodology in Business and Management with Specialisation in Risk and Reliability

Postgraduate Certificate in Research Methodology in Business and Management

Postgraduate Certificate in Research Methodology in Business and Management with Specialisation in Risk and Reliability

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.80.60 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.80.61 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.80.62 The courses are available by full-time and part-time study.

Curriculum

19.80.63 All students shall undertake an approved curriculum as follows

***Research Methodology in Business and Management***

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

Compulsory Classes Level Credits

BF 991 Research Philosophy 5 20

BF 992 Research Methods 5 20

Optional Classes

No fewer than 20 credits chosen from the approved list of optional classes in Regulation 19.80.64.

Students for the Postgraduate Diploma in addition shall undertake

Compulsory Classes Level Credits

BF 984 Research Colloquium 5 10

Either

BF 994 Introduction to Quantitative Methods: Survey

Design and Analysis 5 10

and

BF 998 Advanced Quantitative Methods 5 10

Or

BF 995 Advanced Qualitative Methods 5 20

Optional Classes

No fewer than 50 credits chosen from the approved list of optional classes in Regulation 19.80.64.

***Research Methodology in Business and Management with Specialisation in Risk and Reliability***

for the Postgraduate Certificate no fewer than 60 credits including those for all the classes in List A and 20 credits chosen from List B

for the Postgraduate Diploma no fewer than 120 credits including those for all the classes in Lists A and B and no fewer than 40 credits chosen from Regulation 19.80.64

Classes Level Credits

**List A**

BF 991 Research Philosophy 5 20

BF 992 Research Methods 5 20

**List B**

MS 502 Basic Reliability Theory and Techniques 5 5

MS 503 Advanced System Reliability Modelling 5 10

MS 507 Modelling within Reliability and Maintainability 5 10

MS 927 Risk Analysis and Management 5 10

MS 962 Foundations of Risk 5 10

MS 963 Risk Governance 5 10

19.80.64 Approved List of Optional Classes

BF 977 Special Topics 1 5 20

BF 978 Special Topics 2 5 20

BF 979 Special Topics 3 5 20

BF 993 Research Colloquium\* 5 20

BF 995 Advanced Qualitative Methods\* 5 20

BF 996 Writing and Presenting Research 5 10

BF 997 Interdisciplinary Collaborative Research 5 10

BF 998 Advanced Quantitative Methods\* 5 10

BF 994 Introduction to Advanced Quantitative Methods:

Survey Design and Analysis\* 5 10

Z1 937 Entrepreneurship Research 5 10

Subject-specific classes from other Master’s courses in the Business School at the discretion of the Course Organiser.

\*If not already taken.

Examination, Progress and Final Assessment

19.80.65 Regulations 19.1.25 – 19.1.33 shall apply.

19.80.66 The final assessment will be based on performance in the examinations, and coursework.

Award

19.80.67  **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma 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 120 credits from the course curriculum .

19.80.68 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate 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 60 credits from the course curriculum.

19.80.69

to 19.80.99 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

FINANCE

MSc in Finance

Postgraduate Diploma in Finance

Postgraduate Certificate in Finance

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.81.1 Notwithstanding Regulations 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.81.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.81.3 The courses are available by full-time or part-time study or by open-learning.

Curriculum

19.81.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including all the compulsory classes and a dissertation or project

Compulsory Classes Level Credits

AG 909 Quantitative Methods for Finance 5 20

AG 910 Principles of Finance 5 20

AG 911 Accounting & Financial Analysis 5 20

AG 912 International Financial Markets & Banking 5 20

AG 915 Advanced Corporate Finance & Applications 5 20

AG 925 Derivatives and Treasury Management 5 20

Students for the degree of MSc only\*

AG 942 Research Project 1 5 20

AG 943 Research Project 2 5 20

OR [in exceptional circumstances and at the Course Director’s discretion]

AG 913 Dissertation 5 40

Optional Classes

20 credits chosen from

AG 916 Behavioural Finance 5 10

AG 918 Security Analysis 5 10

AG 920 Management Accounting 5 10

AG 923 Empirical Methods in Finance 5 10

AG 924 Portfolio Theory & Management 5 10

MS 988 Financial Modelling for Excel 5 10

Such other Level 5 classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.81.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.6 The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

19.81.7 **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 40 must have been awarded in respect of the research projects AG942 & AG943 or in exceptional circumstances the dissertation AG913.

19.81.8 **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 course.

19.81.9 **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 classes of the course.

19.81.10

to 19.81.19 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

INTERNATIONAL ACCOUNTING AND FINANCE

MSc in International Accounting and Finance

Postgraduate Diploma in International Accounting and Finance

Postgraduate Certificate in International Accounting and Finance

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.81.20 Notwithstanding Regulation 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

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

19.81.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.81.22 The courses are available by full-time study.

Curriculum

19.81.23 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the compulsory classes

for the degree of MSc no fewer than 180 credits including a dissertation or project

Compulsory Classes 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

AG914 Advanced Accounting 5 20

AG915 Advanced Corporate Finance & Applications 5 20

AG920 Management Accounting 5 10

Students for the degree of MSc only

AG 942 Research Project 1 5 20

AG 943 Research Project 2 5 20

OR [in exceptional circumstances and at the Course Director’s discretion]

AG 913 Dissertation 5 40

Optional Classes

10 credits chosen from

AG918 Security Analysis 5 10

AG921 International Accounting 5 10

AG923 Empirical Methods in Finance 5 10

AG924 Portfolio Theory and Management 5 10

MS 988 Financial Modelling for Excel 5 10

Such other classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.81.24 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.25 The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

19.81.26 **Degree of MS**c: In order to qualify for the award of the degree of the MSc in International Accounting 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 research projects AG942 & AG943 or in exceptional circumstances the dissertation AG913.

19.81.27 **Postgraduate Diplom**a: In order to qualify for the award of the Postgraduate Diploma in International Accounting and Finance, a candidate must have accumulated no fewer than 120 credits from the course.

19.81.28 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in International Accounting and Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.81.29

to 19.81.30 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

INTERNATIONAL BANKING AND FINANCE

MSc in International Banking and Finance

Postgraduate Diploma in International Banking and Finance

**Postgraduate Certificate in International Banking and Finance**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.81.31 Notwithstanding Regulations 19.1.1, 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 Course Director acting on behalf of

Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.81.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.81.33 The courses are available by full-time study.

Curriculum

19.81.34 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the compulsory classes

for the degree of MSc no fewer than 180 credits including a

dissertation or project

Level Credits

AG 909 Quantitative Methods for Finance 5 20

AG 910 Principles of Finance 5 20

AG 911 Accounting & Financial Analysis 5 20

AG 912 International Financial Markets & Banking 5 20

AG 917 Topics in Corporate Finance 5 10

AG 919 Risk Management of Banks 5 10

AG 922 Financial Management of Banks 5 10

AG 925 Derivatives and Treasury Management 5 20

Students for the degree of MSc only

AG 942 Research Project 1 5 20

AG 943 Research Project 2 5 20

OR [in exceptional circumstances and at the Course Director’s discretion]

AG 913 Dissertation 5 40

Optional Classes

10 credits chosen from

AG 916 Behavioural Finance 5 10

AG 918 Security Analysis 5 10

AG 920 Management Accounting 5 10

AG 923 Empirical Methods in Finance 5 10

AG 924 Portfolio Theory and Management 5 10

MS 988 Financial Modelling for Excel 5 10

Such other Level 5 classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.81.35 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.36 The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

19.81.37 **Degree of MSc:** In order to qualify for the award of the degree of the MSc in International Banking 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 research projects AG942 & AG943 or in exceptional circumstances the dissertation AG913.

19.81.38 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Banking and Finance, a candidate must have accumulated no fewer than 120 credits from the course.

19.81.39 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in International Banking and Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

INVESTMENT AND FINANCE

MSc in Investment and Finance

Postgraduate Diploma in Investment and Finance

**Postgraduate Certificate in Investment and Finance**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.81.41 Notwithstanding Regulations 19.1.1, 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 Course Director acting on behalf of

Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.81.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.81.43 The courses are available by full-time study.

Curriculum

19.81.44 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the compulsory classes

for the degree of MSc no fewer than 180 credits including a

dissertation or project

Compulsory Classes Level Credits

AG 909 Quantitative Methods for Finance 5 20

AG 910 Principles of Finance 5 20

AG 911 Accounting & Financial Analysis 5 20

AG 912 International Financial Markets & Banking 5 20

AG 917 Topics in Corporate Finance 5 10

AG 918 Security Analysis 5 10

AG 924 Portfolio Theory & Management 5 10

AG 925 Derivatives & Treasury Management 5 20

Students for the degree of MSc only

AG 942 Research Project 1 5 20

AG 943 Research Project 2 5 20

OR [in exceptional circumstances and at the Course Director’s discretion]

AG 913 Dissertation 5 40

Optional Classes

10 credits chosen from

AG 923 Empirical Methods in Finance 5 10

AG 916 Behavioural Finance 5 10

MS 988 Financial Modelling for Excel 5 10

Such other Level 5 classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

19.81.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.46 The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

Award

19.81.47 **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 40 must have been awarded in respect of the research projects AG942 & AG943 or in exceptional circumstances the dissertation AG913.

19.81.48 **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 course.

19.81.49 **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 classes of the course.

19.81.50

to 19.81.69 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

**FINANCE AND MANAGEMENT**

**MSc in Finance and Management**

**Postgraduate Diploma in Finance and Management**

**Postgraduate Certificate in Finance and Management**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

**Admission**

19.81.70 Regulations 19.1.1 and 19.1.2, shall apply

**Duration of Study**

19.81.71 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.81.72 The course is available by full-time study.

**Curriculum**

19.81.73 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits including all the compulsory classes and a dissertation or project

Compulsory Classes Level Credits

AG 910 Principles of Finance 5 20

AG 911 Accounting and Financial Analysis 5 20

AG 912 International Financial

Markets & Banking 5 20

MG 931 Business Strategy 5 10

MG 934 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**

AG 917 Topics in Corporate Finance 5 10

AG 918 Security Analysis 5 10

AG 916 Behavioural Finance 5 10

AG 929 Derivatives 5 10

**List B**

MG 821 Leadership 5 10

MG 928 Analytical Support for Decision Making 5 10

MG 961 Global Business Environment 5 20

MG 937 Programme and Project Management 5 10

MG 925 Marketing Management 5 10

MG 955 Managing in Europe (Toulouse) 5 10

Students for the degree of MSc only

AG 941 Finance Project 5 20

MG 841 Management Project 5 20

**Examination, Progress and Final Assessment**

19.81.74 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.75 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken.

**Award**

19.81.76 **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.

19.81.77 **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 classes of the course.

19.81.78 **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 classes of the course.

19.81.79

to 19.81.99 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ACCOUNTING AND FINANCE

**FINANCIAL TECHNOLOGY (FINTECH)**

**MSc in Financial Technology (FinTech)**

**Postgraduate Diploma in Financial Technology (FinTech)**

**Postgraduate Certificate in Financial Technology (FinTech)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

19.81.139 **Admission**

Regulations 19.1.1 and 19.1.2 shall apply.

19.81.140 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.81.141 **Mode of Study**

The courses are available by full-time or part-time study.

19.81.142 **Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Degree of MSc no fewer than 180 credits including a dissertation

Students for the Postgraduate Certificate shall undertake

Compulsory Classes Level Credits

AG 910 Principals of Finance 5 20

MS 922 Quantitative Business Analysis 5 10

MS 815 Programming for Financial Technology 5 10

CS 989 Big Data Fundamentals 5 10

Students for the Postgraduate Diploma shall undertake

Compulsory Classes Level Credits

AG910 Principles of Finance 5 20

AG918 Security Analysis 5 10

AG919 Risk Management for Banks 5 10

MS922 Quantitative Business Analysis 5 10

MS980 Business Analytics 5 10

MS928 Business Information Systems 5 10

MS815 Programming for Financial Technology 5 10

MS994 Becoming an Effective Technology Analyst 5 20

CS989 Big Data Fundamentals 5 10

Optional Classes

No fewer than 10 credits chosen from

CS988 Big Data Tools and Techniques 5 10

CS986 Fundamentals of Machine Learning for

Data Analytics 5 10

No fewer than 10 credits chosen from

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

AG924 Portfolio Theory and Management 5 10

AG929 Derivatives 5 10

AG922 Financial Management for Banks 5 10

Students for the degree of MSc only

AG 940 Finance Project 5 20

MS 996 Management Science Project 5 20

OR [in exceptional circumstances and at the Course Director’s discretion]

AG932 Dissertation 5 40

19.81.143 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment 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**

19.81.144 **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.

19.81.145 **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 classes of the course.

19.81.146 **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 classes of the course.

19.81.147 to

19.81.177 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

APPLIED ECONOMICS

MSc in Applied Economics

MSc in Applied Economics – On-line

Postgraduate Diploma in Applied Economics

Postgraduate Certificate in Applied Economics

Postgraduate Certificate in Applied Economics – On-line

Postgraduate Diploma in Applied Economics

Postgraduate Diploma in Applied Economics – On-line

Postgraduate Certificate in Economic Policy Development

Postgraduate Diploma in Economic Policy Development

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.82.40 Notwithstanding Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to the above: or

1. demonstrated competence in Economics obtained at a level of performance acceptable to the Course Director.

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

19.82.41 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.82.42 The courses are available by full-time, part-time study and by distance learning.

Curriculum

19.82.43 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate in Applied Economics no fewer than 60 credits from the compulsory classes listed below.

for the Postgraduate Certificate in Economic Policy Development no fewer than 60 credits of taught classes; which must include the 1 compulsory modules listed below.

for the Postgraduate Diploma in Applied Economics or Economic Policy Development no fewer than 120 credits including all the appropriate compulsory classes listed below.

for the degree of MSc no fewer than 180 credits.

Compulsory Classes Level Credits

EC 947 Topics in Public Economics 5 10

EC 948 Fundamentals of Macroeconomics 5 10

EC 949 International Macroeconomics 5 10

EC 951 Analysis of Economic Data 5 20

EC 952 Professional Development for Economists 5 20

EC 953 Fundamentals of Microeconomics 5 10

EC 954 Economic Appraisal and Modelling 5 20

Postgraduate Certificate in Economic Policy Development

Compulsory Classes Level Credits

EC TBC Regional Development Policy 5 10

Optional Classes

No fewer than 40 credits chosen from the list below, and any other deemed appropriate by the Course Director

EC 915 Games of Strategy 5 10

EC 927 Environmental Economics 5 10

EC 928 Energy Economics 5 10

EC 955 International Trade 5 10

EC 956 International Development 5 10

EC 961 Economic Inequality and Inclusive Growth 5 10

Students for the degree of MSc only

Level Credits

EC 930 Summer Project 5 40

Examination, Progress and Final Assessment

19.82.44 Regulations 19.1.25 – 19.1.33 shall apply.

19.82.45 As permitted by Regulation 19.1.30, a candidate for the degree of Master may be re-assessed in no more than one failed taught class. Candidates studying on a part-time or distance learning basis will normally take examinations and/or assignments in the same years as the classes for which they are being examined and will be permitted to resit no more than four classes 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.

19.82.46 The final assessment will be based on performance in the examinations, the coursework and the Dissertation where undertaken.

Award

19.82.47 **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 EC930 Summer Project.

19.82.48 **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 course.

19.82.49 **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, including from the taught compulsory classes of the course.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

GLOBAL ENERGY MANAGEMENT

MSc in Global Energy Management

Postgraduate Diploma in Global Energy Management

Postgraduate Certificate in Global Energy Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.82.51 Notwithstanding Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to the above: or

1. demonstrated competence in a relevant discipline obtained at a level of performance acceptable to the Course Director.

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

19.82.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.82.53 The courses are available by full-time and part-time study.

Curriculum

19.82.54 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the compulsory classes

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes

for the degree of MSc no fewer than 180 credits, including the project.

Compulsory Classes Level Credits

EC 928 Energy Economics 5 10

EC 931 Energy Policy, Politics, Business

Structures and Finance 5 20

EC 932 Global Energy Forum 5 20

EC 933 Global Energy Issues, Industries and Markets 5 20

EC 934 Global Energy Technologies,

Impacts and Implementation 5 20

Optional Classes

10 credits chosen from

EC 953 Fundamentals of Microeconomics 5 10

OR

EC 947 Topics in Public Economics 5 10

EC 949 International Macroeconomics 5 10

OR

EC 948 Fundamentals of Macroeconomics 5 10

Students for the degree of MSc only

EC 930 Summer Project 5 40

Examination, Progress and Final Assessment

19.82.55 Regulations 19.1.25 – 19.1.33 shall apply.

19.82.56 As permitted by Regulation 19.1.27, a candidate for the degree of Master may be re-assessed in no more than four taught classes normally in the same academic year. The Board will determine whether the resit in the relevant class(es) should take the form of an examination or an assignment.

Candidates studying on a part-time basis will normally take examinations and/or assignments in the same years as the classes for which they are being examined and will be permitted to resit no more than four classes 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.

19.82.57 The final assessment will be based on performance in the examinations, the coursework and the project report where undertaken.

Award

19.82.58 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Global Energy 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 Project EC930 Summer Project.

19.82.59 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Energy Management a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.82.60 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Global Energy Management, a candidate must have accumulated no fewer than 60 credits from the taught compulsory classes of the course.

19.82.61 to

19.82.81 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

**ECONOMICS AND FINANCE**

**MSc in Economics and Finance**

**Postgraduate Diploma in Economics and Finance**

**Postgraduate Certificate in Economics and Finance**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

**Admission**

19.82.102 Notwithstanding Regulations 19.1.1, 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.82.103 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.82.104 The courses are available by full-time or part-time study.

**Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including all the compulsory classes and a dissertation or project

Compulsory Classes Level Credits

AG 910 Principles of Finance 5 20

AG 911 Accounting & Financial Analysis 5 20

EC 948 Fundamentals of Macroeconomics 5 10

EC 949 International Macroeconomics 5 10

EC 951 Analysis of Economic Data 5 20

EC 952 Professional Development for Economists 5 20

EC 953 Fundamentals of Microeconomics 5 10

And no fewer than 20 credits from:

AG 915 Advanced Corporate Finance & Applications 5 20

AG 925 Derivatives and Treasury Management 5 20

AG 917 Topics in Corporate Finance 5 10

AG 929 Derivatives 5 10

Students for the degree of MSc only

Optional Classes

10 credits chosen from

AG 916 Behavioural Finance 5 10

AG 918 Security Analysis 5 10

AG 920 Management Accounting 5 10

AG 921 International Accounting 5 10

AG 924 Portfolio Theory and Management 5 10

EC 947 Topics in Public Economics 5 10

EC 927 Environmental Economics 5 10

EC 928 Energy Economics 5 10

EC 956 International Development 5 10

EC 915 Games of Strategy 5 10

OR Such other Level 5 classes as may be approved by the Course Director.

Either

EC 930 Summer Project 5 40

OR

AG 942 Research Project 1 5 20

AG 943 Research Project 2 5 20

**Examination, Progress and Final Assessment**

19.82.106 Regulations 19.1.25 – 19.1.33 shall apply.

19.82.107 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken.

**Award**

19.82.108 **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

19.82.109 **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 taught classes of the course.

19.82.110 **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 classes of the course.

19.82.110 to

19.82.199 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**HUNTER CENTRE FOR ENTREPRENEURSHIP**

**ENTREPRENEURSHIP, INNOVATION AND TECHNOLOGY**

MSc in Entrepreneurship, Innovation and Technology

**Postgraduate Diploma in Entrepreneurship, Innovation and Technology**

**Postgraduate Certificate in Entrepreneurship, Innovation and Technology**

19.83.1 Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.83.2 Admission

Regulations 19.1.1 shall apply.

19.83.3 Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

19.83.4 Mode of Study

The course is available by full-time study only.

19.83.5 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits from the curriculum

including a dissertation

Compulsory Classes Level Credits

Z1 952 Creativity and Opportunity Recognition 5 10

Z1 951 Issues and Trends 5 10

Z1 949 Entrepreneurial Capital and Resources 5 10

Z1 961 Strategic Innovation Management 5 10

MS 981 Data Lab 5 10

Z1 950 Sales Lab 5 10

Z1 945 Internationalisation Lab 5 10

Z1 953 New Venture Creation 5 10

Z1954 Introduction to Entrepreneurial   
Finance 5 10

Z1955 Advanced Entrepreneurial Finance 5 10

Optional Classes

20 credits from the following

Z1948 Family Business 5 10

Z1960 Enterprise Lab 5 10

Z1931 Entrepreneurship, Innovation

and Commercialisation 5 10

MK990 Destination Marketing and Management 5 10

CL994 Circular Economy and

Transformations Towards Sustainability 5 10

EC955 International Trade Theory and Policy 5 10

HR952 Managing Talent and Succession Planning 5 10

MK983 Brand Management and Strategy 5 10

Such other Level 5 classes as may be approved by the Course Director or nominee.

Students for the degree of MSc only

Z1 947 Virtual Incubator Project 5 60

Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework and the Virtual Incubator Project where undertaken.

Award

19.83.5 **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 180credits, of which 40must have been awarded in respect of the Virtual Incubator Project Z1947.

19.83.6 **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 course.

19.83.7 **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 the course.

19.83.8

to 19.83.38 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**HUNTER CENTRE FOR ENTREPRENEURSHIP**

ENTREPRENEURIAL FINANCE

MSc in Entrepreneurial Finance

Postgraduate Diploma in Entrepreneurial Finance

Postgraduate Certificate in Entrepreneurial Finance

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.83.39 Admission

Regulations 19.1.1 shall apply.

19.83.40 Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

19.83.41 Mode of Study

The course is available by full-time study only.

Curriculum

19.83.42 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits from the curriculum

including a dissertation

Compulsory Classes Level Credits

AG 911 Accounting and Financial Analysis 5 20

AG 910 Principles of Finance 5 20

Z1 952 Creativity and Innovation Development 5 10

Z1 951 Issues and Trends in Entrepreneurship,

Innovation and Technology 5 10

Z1 953 New Venture Creation 5 10

Z1 949 Entrepreneurial Leadership and

Resource Management 5 10

Z1 956 Start up Selling 5 10

Z1 955 Advanced Entrepreneurial Finance 5 10

Optional Classes

20 credits to be chosen, as deemed appropriate by the programme director.

19.83.43 Students for the degree of MSc only

Compulsory Classes

Z1947Virtual Incubator Project 5 60

19.83.44 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, course work and the VIP where undertaken.

Award

19.83.45 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Entrepreneurial Finance, a candidate must have accumulated no fewer than 180credits, of which 60must have been awarded in respect of *Z1947 Virtual Incubator Project.*

19.83.46 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Entrepreneurial Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.83.47 **Postgraduate Certificate**: In order to qualify for the award of the postgraduate Certificate in Entrepreneurial Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.83.48 to

19.83.78 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**HUNTER CENTRE FOR ENTREPRENEURSHIP**

ENTREPRENEURIAL MANAGEMENT & LEADERSHIP

MSc in Entrepreneurial Management & Leadership

Postgraduate Diploma in Entrepreneurial Management & Leadership

Postgraduate Certificate in Entrepreneurial Management & Leadership

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.83.79 Admission

Regulations 19.1.1 shall apply.

19.83.80 Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

19.83.81 Mode of Study

The course is available by full-time study only.

19.83.82 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits from the curriculum

Including a dissertation

Compulsory Classes Level Credits

Z1 952 Creativity and Innovation Development 5 10

Z1 951 Issues and Trends in Entrepreneurship,

Innovation and Technology 5 10

MG 926 Managing People in Organisations 5 10

Z1 954 Introduction to Entrepreneurial Finance 5 10

Z1 955 Advanced Entrepreneurial Finance 5 10

Z1 953 New Venture Creation 5 10

HR 977 Leadership for Change and Innovation 5 10

Z1 957 Entrepreneurial Management and Leadership 5 10

Z1 950 Sales Lab 5 10

Z1 961 Strategic Innovation Management 5 10

Optional Classes

20 credits to be chosen from the following

Z1948 Family Business 5 10

Z1931 Entrepreneurship, Innovation and Commercialisation 5 10

MK990 Destination Marketing and Management 5 10

MK996 International Culture and Heritage Marketing 5 10

HR964 Managing Human Resources in Multinationals 5 10

EC955 International Trade Theory and Policy 5 10

HR952 Managing Talent and Succession Planning 5 10

MK983 Brand Management and Strategy 5 10

Such other Level 5 classes as may be approved by the Course Director or nominee.

Students for the degree of MSc only

Compulsory Classes

Z1947 Virtual Incubator Project 5 60

19.83.83 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.83.84 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Entrepreneurial Management & Leadership, a candidate must have accumulated no fewer than 180credits, of which 60must have been awarded in respect of *Z1947 Virtual Incubator Project.*

19.83.85 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Entrepreneurial Management & Leadership, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.83.86 **Postgraduate Certificate**: In order to qualify for the award of the postgraduate Certificate in Entrepreneurial Management & Leadership, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION**

HUMAN RESOURCE MANAGEMENT

**MSc in Human Resource Management**

**Postgraduate Diploma in Human Resource Management**

**Postgraduate Certificate in Human Resource Management**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.84.1 Regulations 19.1.1 - 19.1.3 shall apply.

Non-graduate applicants should normally have at least 3 years relevant experience at an appropriate level in Personnel/Human Resources or Management.

Duration of Study

19.84.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.84.3 The courses are available by full-time and part-time study.

Curriculum

19.84.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

HR 911 Employee Reward 5 10

HR 916 HRM in a Business Context 5 20

HR 922 Business Skills 5 10

HR 960 Leading, Managing and Developing People 5 20

HR 961 Contemporary Employment Relations 5 20

In addition, students will take 10 credits from the following

HR 958 People Resourcing 5 10

Or

HR 968 People Resourcing 5 10

In addition, students will take 20 credits from the following

|  |  |  |  |
| --- | --- | --- | --- |
| HR 923 | Management Research Report | 5 | 20 |
|  |  |  |  |
| Or |  |  |  |

HR 962 Critical Issues in Human Resource Management 5 10

HR 963 Research Methods 5 10

Optional Classes

No fewer than 10 credits chosen from

HR 918 Labour and Diversity in a Global Context 5 10

HR 952 Managing Talent and Succession Planning 5 10

HR 959 Employment Issues and the Law 5 10

HR 964 Managing Human Resources in Multinationals 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

Or such other level 5 classes as may be approved by the Course Director

Students for the degree of MSc only

|  |  |  |  |
| --- | --- | --- | --- |
| HR 945 | Research Methods and Dissertation | 5 | 60 |
| Or |  |  |  |
| HR 953 | Integrated Dissertation and Reflective Report | 5 | 60 |

Examination, Progress and Final Assessment

19.84.5 Regulations 19.1.25 – 19.1.33 shall apply.

Award

19.84.6 **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.

19.84.7 **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 classes of the course.

19.84.8 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 classes of the course.

19.84.9

to 19.84.20 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION**

INTERNATIONAL HUMAN RESOURCE MANAGEMENT

MSc in International Human Resource Management

Postgraduate Diploma in International Human Resource Management

Postgraduate Certificate in International Human Resource Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.84.21 Notwithstanding Regulation 19.1.1, applicants shall normally:

(i) possess a first or second class honours degree in any discipline from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or

1. be deemed, by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

Mode of Study

19.84.22 The courses are available by full-time study.

Curriculum

19.84.23 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

HR 916 HRM in a Business Context 5 20

HR 918 Labour and Diversity in a Global Context 5 10

HR 919 Comparative Employment Relations 5 20

HR 922 Business Skills 5 10

HR 960 Leading, Managing and Developing People 5 20

HR 962 Critical Issues in Human Resource Management 5 10

HR 963 Research Methods 5 10

HR 964 Managing Human Resources in Multinationals 5 10

Optional Classes

No fewer than 10 credits chosen from

HR 952 Managing Talent and Succession Planning 5 10

HR 958 People Resourcing 5 10

HR 959 Employment Issues and the Law 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

Or such other level 5 classes as may be approved by the Course Director

Students for the degree of MSc only

HR 953 Integrated Dissertation and Reflective

Research Report 5 60

Examination, Progress and Final Assessment

19.84.24 Regulations 19.1.25 – 19.1.33 shall apply.

19.84.25 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

**Award**

19.84.26 **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.

19.84.27 **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 course curriculum.

19.84.28 **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 course curriculum.

19.84.29

to 19.84.60 (Numbers not used.)

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION**

HOSPITALITY AND TOURISM LEADERSHIP

MSc in Hospitality and Tourism Leadership

Postgraduate Diploma in Hospitality and Tourism Leadership

Postgraduate Certificate in Hospitality and Tourism Leadership

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.84.61 Notwithstanding Regulations 19.1.1 candidates shall normally possess:

(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or

(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or

(iii) five years management experience and a satisfactory performance in an appropriate admissions test; or

1. be deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above

Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.84.62 Regulation 19.1.5 shall apply. Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 96 months.

Place of Study

19.84.63 The first six modules are delivered at the University’s campus in Glasgow. The subsequent six modules are delivered at the University’s campus in Glasgow and on the campuses of Cornell University, in Ithaca, New York, and Ecole Hôtelière de Lausanne (EHL) in Switzerland.

Mode of Study

19.84.64 The courses are available by part-time study.

Curriculum

19.84.65 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits for

for the degree of MSc no fewer than 180 credits including a leadership project

Level Credits

HR 932 Assessing the future and its impact on the

hospitality and tourism industry 5 10

HR 934 Strategic Thinking for Corporate Venturing 5 10

HR 933 Learning and the Management of Talent 5 10

HR 935 International Marketing and Brand Development 5 10

HR 936 Leadership For Competitive Strategy Delivery 5 10

HR 937 Leadership Skills Development 5 10

HR 941 Strategic Revenue Management

(Cornell Campus) 5 10

HR 940 Fundamentals Of Hotel Investment and Financing

Decisions (Cornell Campus) 5 10

HR 946 Value Creation And Innovation

(Lausanne Campus) 5 10

HR 947 Strategic Thinking in the Hospitality and Tourism

Industries 5 10

HR 949 A Business Approach to Hospitality and Tourism IT

(Lausanne Campus) 5 10

Xx Xxx Planning For Profits: Operations Decision Making

and Analysis 5 10

Such other classes, at level 5, as may be approved by the Course Director.

Students for the degree of MSc only

HR 940 Hospitality and Tourism Business Analysis 5 10

HR 951 Leadership Project 5 50

Examination, Progress and Final Assessment

19.84.66 Students are required to perform to the satisfaction of the Board of Examiners.

19.84.67 Students who fail to satisfy the Board of Examiners will be allowed one further attempt to pass the relevant class(es) and may, in the light of their overall performance, be permitted one further attempt to pass any one failed class normally as prescribed by the Board of Examiners.

19.84.68 The final assessment will be based on performance in all elements of the course.

Award

19.84.69 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Hospitality and Tourism Leadership a candidate must have accumulated no fewer than 180 credits, of which 50 must have been awarded in respect of the leadership project HR951.

19.84.70 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Hospitality and Tourism Leadership, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.84.71 **Postgraduate Certificate**: In order to qualify for the award of the postgraduate Certificate in Hospitality and Tourism Leadership, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.84.72 to

19.84.100 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF WORK, EMPLOYMENT AND ORGANISATION**

HUMAN RESOURCES AND INTERNATIONAL MANAGEMENT

**MSc in Human Resources and International Management**

**Postgraduate Diploma in Human Resources and International Management**

**Postgraduate Certificate in Human Resources and International Management**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.84.101 Regulations 19.1.1 - 19.1.3 shall apply.

Duration of Study

19.84.102 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.84.103 The courses are available by full-time.

Curriculum

19.84.104 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the project

Compulsory Classes Level Credits

HR 916 HRM in a Business Context 5 20

HR 918 Labour and Diversity in a Global Context 5 10

HR 919 Comparative Employment Relations 5 20

HR 964 Managing Human Resources in Multinationals 5 10

MG 934 Professional Management Practice 5 20

MG 961 Global Business Environment 5 20

MG 962 Managing Across Cultures 5 20

Optional Classes

No fewer than 20 credits chosen from

HR 911 Employee Reward 5 10

HR 952 Managing Talent & Succession Planning 5 10

HR 958 People Resourcing 5 10

HR 959 Employment Issues and the Law 5 10

HR 962 Critical Issues in HRM 5 10

HR 965 Work, Wellbeing and New Technologies 5 10

MG 931 Business Strategy 5 10

MG 821 Leadership for Change and Innovation 5 10

MG 955 Managing in Europe 5 10

Or such other level 5 classes as may be approved by the Course Director

Students for the degree of MSc

|  |  |  |  |
| --- | --- | --- | --- |
| MG 970 | Project | 5 | 40 |

Examination, Progress and Final Assessment

19.84.105 Regulations 19.1.25 – 19.1.33 shall apply.

19.84.106 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.84.107 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Human Resources and International 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 project MG970.

19.84.108 **Postgraduate Diploma**: In order to qualify for the award of Postgraduate Diploma in Human Resources and International Management a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.84.109 **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Human Resources and International Management a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF STRATEGY AND ORGANISATION

BUSINESS ADMINISTRATION

Master of Business Administration

Master of Business Administration with Specialisation

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.92.1 Notwithstanding Regulations 19.1.1 candidates shall normally:

(i) possess a degree from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i), above including the Postgraduate Diploma in Business or its equivalent; or

(iii) be deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

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 have a minimum of five years of relevant experience.

Applicants holding the MSc in Business and Management from the University of Strathclyde, and wishing to convert this degree to the MBA, must undertake a special curriculum detailed in below.

19.92.2 Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

Duration of Study

19.92.3 Regulation 19.1.5 shall apply. All students proceeding to Masters will be allowed one further year from the date of the final examination board for the dissertation.

Notwithstanding Regulation 19.1.6, the maximum duration of study for students will be 72 months for the taught element and one further year from the date of the final examination board for the MBA Project.

Mode of Study

19.92.4 The courses are available by full-time and part-time study and by distance learning.

Curriculum

19.92.5 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

MG 914 Managing People in Organizations 5 10

MG 915 Marketing Management 5 10

MG 916 Operations Management 5 10

MG 917 Financial and Management Accounting 5 10

MG 918 Finance and Financial Management 5 10

MG 919 Analytical Support for Decision Making 5 10

MS 982 Information and Technology Management 5 10

GB 879 Strategic Management for Sustainable Access 5 20

MG 923 Strategic Consulting in Practice 5 10

MG 924 MBA Project 5 40

MG 982 The Reflective Practitioner 5 20

together with classes appropriate to the chosen course

**MBA**

Optional Classes

No fewer than 20 credits chosen from the classes listed in Regulation 19.92.6

*Special curriculum for students wishing to convert the MSc in Business and Management to the Master of Business Administration*

Compulsory Classes

MG 920 Exploring the International Business Environment 5 10

MG 921 Strategy Analysis and Evaluation 5 10

MG 922 Making Strategy 5 10

MG 923 Strategic Consulting in Practice 5 10

MG 924 MBA Project 5 40

MG 982 The Reflective Practitioner 5 20

Optional Classes

No fewer than 20 credits chosen from the classes listed in Regulation 19.92.6

**Approved List of Optional Classes**

19.92.6

GB 810 Global Operations Strategy 5 10

GB 867 Programme and Project Management 5 10

GB 868 Understanding Change 5 10

GB 872 Change Agency 5 10

MG 905 Reflexive Management Practice 5 10

MG 935 Strategic Decision Making 5 10

MG 936 Strategic Financial Management 5 10

MG 938 New Venture Creation 5 10

MG 940 Business Process Management with SAP 5 10

MG 941 Strategic Risk Management and Accounting 5 10

MG 942 Leadership 5 10

MG 943 Business Marketing Relationships 5 10

MG 944 Managing for Shareholder Value 5 10

MG 946 Effective Measurement of Business Performance 5 10

MG 947 Entrepreneurial Finance 5 10

MG 949 Project Risk Analysis and Management 5 10

MG 953 International Business 5 10

MG 954 International Accounting and Finance 5 10

MG 959 Brand Development in Asia 5 10

MG 971 Marketing in a Digital and Cross-Cultural World 5 10

MG 974 Organisational Ethics 5 10

MG 975 Corporate Fraud 5 10

MG 976 E-Business Strategy 5 10

MG 977 International Financial Reporting 5 10

MG 978 International Supply Chain Management 5 10

MG 979 Security Analysis and Portfolio Management 5 10

MG 980 Treasury Management and International Finance 5 10

MG 981 Managing Integrated Marketing Communications 5 10

MG 986 Managing Inter-Organizational

Partnerships and Alliances 5 10

MG 958 Advanced Making Strategy 5 10

MK 804 Social Media Strategy & Management 5 10

MG 810 Managing in the Boardroom: Power, Politics 5 10

And

AG 926 Financial Markets and Corporate Strategy 5 10

MG 816 Sustainability Management 5 10

AG 927 Mergers and Acquisitions 5 10

Across Border Perspectives

HR 939 People and Performance 5 10

MG 941 Strategic Risk Management and Accounting 5 10

MK 810 Digital Leadership: Strategy and Management 5 10

MG 956 Brand Management and Strategy 5 10

MG 823 International Business 5 10

MS 976 Service Operations and Simulation 5 10

MG 821 Leadership for Change and Innovation 5 10

BF 985 Agile Management 5 10

MG 828 The CEO - Challenges and Choices in

Delivering Value 5 10

Z1 939 Social Entrepreneurship 5 10

MS 978 Organisational Cognition: SmArt Decisions

For the Knowledge Era 5 10

GB 880 Managing Talent and Succession Planning 5 10

MG 821 Leadership for Change and Innovation 5 10

MG 817 Leadership In Organisations 5 20

Such other Level 5 classes as may be approved by the Course Director of the relevant study route.

Examination, Progress and Final Assessment

19.92.7 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.8 The final assessment will be based on performance in all elements of the course.

19.92.9 **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 40 must have been awarded in respect of the MBA project MG 924.

19. 92.10 **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 classes of the course.

19.92.11 **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 classes of the course.

19.92.12 **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 MG924 MBA Project in an area related to the specialisation. In addition to the requirements of the Regulation 19.92.5, a candidate must have undertaken 20 credits of optional classes from 19.92.6 in subjects related to the specialisation.

19. 92.13 **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 classes of the course.

19.92.14 **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 classes of the course.

Transfer

19.92.15 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration the relevant parts of Regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.16 Applicants holding the MSc in Business and Management who wish to convert their degree to the MBA in accordance with Regulation 19.92.58 must do so within 5 years of qualifying for the MSc. On qualifying for the award of the MBA, candidates will be required to surrender the MSc degree (if conferred) before graduating with the MBA.

19.92.17 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 and award of the Postgraduate Diploma in Business. A student in this category will automatically be barred from re-enrolment on the MBA programme on the basis of this Diploma in Business.

19.92.18

to 19.92.20 (Numbers not used).

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF STRATEGY AND ORGANISATION

Postgraduate Diploma in Business

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.92.21 Notwithstanding Regulations 19.1.1 candidates shall normally possess:

(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or

(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or

(iv) five years management experience and a satisfactory performance in an appropriate admissions test; or

1. be deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.92.22 Regulation 19.1.5 shall apply. Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 72 months.

Mode of Study

19.92.23 The courses are available by full-time and part-time study and by distance learning.

Curriculum

19.92.24 All students shall undertake an approved curriculum as follows

Optional Classes Level Credits

No fewer than 120 credits chosen from

MG 915 Marketing Management 5 10

MG 916 Operations Management 5 10

MG 914 Managing People in Organizations 5 10

MG 917 Financial and Management Accounting 5 10

MG 918 Finance and Financial Management 5 10

MG 919 Analytical Support for Decision Making 5 10

MG 920 Exploring the International Business Environment 5 10

MG 921 Strategy Analysis and Evaluation 5 10

MG 922 Making Strategy 5 10

MG 923 Strategic Consulting in Practice 5 10

MG 982 The Reflective Practitioner 5 20

Such other classes as may be approved by the Course Director or nominee.

Examination, Progress and Final Assessment

19.92.25 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.26 The final assessment will be based on performance in all elements of the course.

Award

19.92.27 In order to qualify for the degree of Postgraduate Diploma in Business, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

Transfer

19.92.28 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration, the relevant parts of regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.29

to 19.92.30 (Numbers not used).

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF STRATEGY AND ORGANISATION

Postgraduate Certificate in Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.92.31 Notwithstanding Regulations 19.1.1 candidates shall normally possess:

(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or

(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or

(iv) five years management experience and a satisfactory performance in an appropriate admissions test; or

(v) be deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

19.92.32 Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

Duration of Study

19.92.33 Regulation 19.1.5 shall apply.

Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 72 months.

Mode of Study

19.92.34 The courses are available by full-time and part-time study and by distance learning.

Curriculum

19.92.35 All students shall undertake an approved curriculum as follows

Optional Classes\* Level Credits

No fewer than 60 credits chosen from

GB 962 Marketing Management 5 10

GB 963 Operations Management 5 10

GB 964 Managing People in Organizations 5 10

MG 917 Financial and Management Accounting 5 10

MG 918 Finance and Financial Management 5 10

MG 919 Analytical Support for Decision Making 5 10

MG 920 Exploring the International Business Environment 5 10

MG 921 Strategy Analysis and Evaluation 5 10

MG 922 Making Strategy 5 10

MG 923 Strategic Consulting in Practice 5 10

MG 982 The Reflective Practitioner 5 20

Such other classes as may be approved by the Course Director or nominee.

\* for certain pathways some of the above classes will be compulsory

Students enrolled on the Postgraduate Certificate (The Weir Group PLC) pathway shall undertake the following classes:

Compulsory Classes Level Credits

MG 918 Finance and Financial Management 5 10

MG 916 Operations Management 5 10

MG 914 Managing People in Organisations 5 10

MG 937 Programme and Project Management 5 10

Optional Classes

No fewer than 20 credits chosen from the classes listed below

MG 922 Making Strategy 5 10

MG 921 Strategy, Analysis and Evaluation 5 10

MG 919 Analytical Support for Decision Making 5 10

MG 920 Exploring the International Business Environment 5 10

MG 917 Financial and Management Accounting 5 10

MG 915 Marketing Management 5 10

MG 923 Strategic Consulting In Practice 5 10

BF999 Managing Innovation 5 10

M9 831 Commercial Law 5 10

Such other Level 5 classes as may be approved by the Course Director or nominee.

Examination, Progress and Final Assessment

19.92.36 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.37 The final assessment will be based on performance in all elements of the course.

Award

19.92.38 In order to qualify for the degree of Postgraduate Certificate in Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.92.39

to 19.92.40 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF STRATEGY AND ORGANISATION

BUSINESS AND MANAGEMENT

MSc in Business and Management

Postgraduate Diploma in Business and Management

Postgraduate Certificate in Business and Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.92.41 Regulations 19.1.1 shall apply.

Duration of Study

19.92.42 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.92.43 The course is available by full-time study only.

Curriculum

19.92.44 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits from the curriculum

including a dissertation

Compulsory Classes

MG 821 Leadership for Change and Innovation 5 10

MG 822 Managing Innovation 5 10

MG 836 Consulting in Practice 5 10

MG 925 Marketing Management 5 10

MG 926 Managing People in Organisations 5 10

MG 927 Business Operations 5 10

MG 928 Analytical Support for Decision Making 5 10

MG 929 Finance and Financial Management 5 10

MG 930 Managerial Accounting 5 10

MG 931 Business Strategy 5 10

MG 934 Professional Management Practice 5 20

Optional Classes

20 credits from the following

MG 819 Developing Skills for Effective Management

Consulting 5 10

MG 824 Improving Management Decision Making 5 10

MG 827 Exploring Resourceful Strategy Practice 5 10

MG 829 Digital Leadership: Strategy & Management 5 10

MG 831 Commercial Management in Projects 5 10

MG 955 Managing in Europe (Toulouse) 5 10

Such other Level 5 classes as may be approved by the Course Director or nominee.

Students for the degree of MSc only

Compulsory Classes

MG 970 Individual Dissertation 5 40

Examination, Progress and Final Assessment

19.92.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.46 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.92.47 **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 180credits, of which 40must have been awarded in respect of the dissertation MG 970.

19.92.48 **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 taught classes of the course.

19.92.49 **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 taught classes of the course.

19.92.50

to 19.92.65 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF STRATEGY AND ORGANISATION**

**PROJECT MANAGEMENT AND INNOVATION**

**MSc in Project Management and Innovation**

**Postgraduate Diploma in Project Management and Innovation**

**Postgraduate Certificate in Project Management and Innovation**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

**Admission**

19.92.41 Regulations 19.1.1, shall

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.92.66 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**

19.92.67 The course is available by full-time study.

**Curriculum**

19.92.68 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the curriculum

for the Postgraduate Diploma no fewer than 120 credits from the curriculum

for the degree of MSc no fewer than 180 credits including all the compulsory classes and a dissertation or project

Compulsory Classes Level Credits

MG 934 Professional Management Practice 5 20

MG 923 Consulting in Practice 5 10

MG 821 Leadership for Change and Innovation 5 10

MG 822 Managing Innovation 5 10

MG 927 Business Operations 5 10

MG 930 Managerial Accounting 5 10

MG 931 Business Strategy 5 10

MG 831 Commercial Management in Projects 5 10

MG 835 Project Portfolio Management 5 10

MG 937 Project and Programme Management 5 10

MG 833 Technology and Organisational Change 5 10

Students for the degree of MSc only

Optional Classes

20 credits chosen from

MG 819 Developing Skills for Effective Management

Consulting 5 10

MG 824 Improving Management Decision Making 5 10

MG 829 Digital Leadership: Strategy & Management 5 10

MG 831 Commercial Management in Projects 5 10

MG 955 Managing in Europe (Toulouse) 5 10

OR Such other Level 5 classes as may be approved by the Course Director.

MG 933 Dissertation 5 40

**Examination, Progress and Final Assessment**

19.92.69 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.70 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

**Award**

19.92.71 **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 40 must have been awarded in respect of the dissertation MG933.

19.92.72 **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 classes of the course.

19.92.73 **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 classes of the course.

19.92.74 to

19.92.90 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF STRATEGY AND ORGANISATION**

INTERNATIONAL MANAGEMENT

MSc in International Management

Postgraduate Diploma in International Management

**Postgraduate Certificate in International Management**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.92.91 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.92.92 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.92.93The courses are available by full-time study only.

Curriculum

19.92.94 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate - no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

MG 961 Global Business Environment 5 20

MG 962 Managing Across Cultures 5 20

MG 967 International Entrepreneurship 5 10

MG 934 Professional Management Practice 5 20

MG 926 Managing People in Organisations 5 10

MG 925 Marketing Management 5 10

MG 929 Finance and Financial Management 5 10

MG 931 Business Strategy 5 10

MG 836 Consulting in Practice 5 10

Optional Classes

20 credits from the following

MG 819 Developing Skills for Effective Management

Consulting 5 10

MG 824 Improving Management Decision Making 5 10

MG 829 Digital Leadership: Strategy & Management 5 10

MG 831 Commercial Management in Projects 5 10

MG 955 Managing in Europe (Toulouse) 5 10

Such other Level 5 classes as may be approved by the Course Director or nominee.

Students for the degree of MSc only

MG 970 Individual Dissertation 5 40

Examination, Progress and Final Assessment

19.92.95 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.96 The final assessment will be based on performance in the coursework, in the written examinations and the Dissertation.

Award

19.92.97 **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, of which 40 must have been awarded for the Dissertation MG 970.

19.92.98 **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 taught classes of the course.

**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 classes of the course.

19.92.99

to

19.92.110 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MANAGEMENT SCIENCE

OPERATIONAL RESEARCH

MSc in Operational Research

Postgraduate Diploma in Operational Research

Postgraduate Certificate in Operational Research

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.93.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.93.2 Regulations 19.1.5 and 19.1.6 shall apply. Notwithstanding Regulation 19.1.5, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study

19.93.3 The course is available by distance learning only.

Curriculum

19.93.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

MS 921 Foundations of Operational Research and

Business Analysis 5 10

MS 922 Quantitative Business Analysis 5 10

MS 923 Managing Business Operations 5 10

MS 924 Spreadsheet Modelling and Demand Forecasting 5 10

MS 932 Operational Research Methods 5 10

Optional Classes

No fewer than 10 credits chosen from

MS 926 Business Simulation Methods 5 10

MS 927 Risk Analysis and Management 5 10

MS 934 Advanced Operations Research Modeling

using Specialist Software Tools 5 10

MS 933 Decision Analysis 5 10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake

Compulsory Class

MS 935 Becoming an Effective OR Modeller 5 40

Optional Classes

No fewer than 20 credits chosen from the list of optional classes above.

Students for the degree of MSc only

MS 931 Dissertation 5 60

Examination, Progress and Final Assessment

19.93.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.93.6 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.93.7 **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 MS 931.

19.93.8 **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 classes of the course.

19.93.9 **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 classes of the course.

19.93.10

to 19.93.40 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

BUSINESS ANALYSIS AND CONSULTING

MSc in Business Analysis and Consulting

Postgraduate Diploma in Business Analysis and Consulting

Postgraduate Certificate in Business Analysis and Consulting

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.93.41 Regulation 19.1.1 shall apply.

Duration of Study

19.93.42 Regulations 19.1.5 and 19.1.6 shall apply.

Notwithstanding Regulation 19.1.5, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study

19.93.43 The courses are available by full-time and part-time study and by distance learning.

Curriculum

19.93.44 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

MS 921 Foundations of Operational Research and

Business Analysis 5 10

MS 922 Quantitative Business Analysis 5 10

MS 923 Managing Business Operations 5 10

MS 924 Spreadsheet Modelling and Demand Forecasting 5 10

MS 925 Strategy Modelling and Management 5 10

Optional Classes

No fewer than 10 credits chosen from

MS 926 Business Simulation Methods 5 10

MS 927 Risk Analysis and Management 5 10

MS 928 Business Information Systems 5 10

MS 929 Performance Measurement and Management 5 10

MS 980 Business Analytics 5 10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake

Compulsory Class

MS 930 Becoming an Effective Business Analyst 5 40

Optional Classes

No fewer than 20 credits chosen from the list of optional classes above

Students for the degree of MSc only

MS 931 Dissertation 5 60

Examination, Progress and Final Assessment

19.93.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.93.46 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.93.47 **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 MS 931.

19.93.48 **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 classes of the course.

19.93.49 **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 classes of the course.

19.93.50 to

19.93.80 (numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MANAGEMENT SCIENCE

PROJECT MANAGEMENT

MSc in Project Management (International)

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.93.81 Regulations 19.1.1 shall apply.

19.93.82 Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.93.83 The course is available by full-time study only.

Curriculum

19.93.84 All students shall undertake an approved curriculum as follows

for the degree of MSc no fewer than 240 credits from the curriculum including a dissertation

**Strathclyde**

Compulsory Classes

MG 835 Project Portfolio Management 5 10  
MG 821 Leadership for Change and Innovation 5 10   
Z1 951 Issues and Trends in Entrepreneurship,

Innovation and Technology 5 10  
MG 831 Commercial Management 5 10  
DM 992 Strategic Procurement Management 5 10  
MG 836 Consulting in Practise 5 10

**Classes taken at Politecnico di Milano**

Optional Classes

20 credits from 19.92.6

Such other Level 5 classes as may be approved by the Course Director or nominee.

BF 807 Semester 1 Study in Politecnico di Milano 75

BF 986 Extended dissertation 85

Examination, Progress and Final Assessment

19.93.85 Regulations 19.1.25 – 19.1.33 shall apply.

19.93.86 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.93.87 **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 80must have been awarded at Strathclyde.

19.93.88

to 19.93.128 (Numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MANAGEMENT SCIENCE

**DATA ANALYTICS**

**MSc in Data Analytics**

**Postgraduate Diploma in Data Analytics**

**Postgraduate Certificate in Data Analytics**

19.93.129 **Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

19.93.130 **Admission**

Regulations 19.1.1 and 19.1.2 shall apply.

19.93.131 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.93.132 **Mode of Study**

The course is available by full and part time study only.

19.93.133 **Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

CS 989 Big Data Fundamentals 5 10

CS 988 Big Data Tools and Techniques 5 10

MM 916 Data Analytics in R 5 20

MS 985 Business and Decision Modelling 5 10

MS 987 Optimisation for Analytics 5 10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake

Compulsory Class

MS 984 Data Analytics in Practice 5 20

Optional Classes

No fewer than 40 credits from the list below

CS 990 Database Fundamentals 5 10

CS 983 Evolutionary Computation for Finance 1 5 10

CS 984 Evolutionary Computation for Finance 2 5 10

CS 986 Fundamentals of Machine Learning for Data

Analytics 5 10

CS 987 Advanced Machine Learning for Data

Analytics 5 10

MM 905 Financial Econometrics 5 10

MM 915 Bayesian Spatial Statistics 5 10

MM 509 Mathematical Introduction to Networks 5 20

MS 986 Stochastic Modelling for Analytics 5 10

MS 926 Business Simulation Modelling 5 10

MS 927 Risk Analysis & Management 5 10

MS 928 Business Information Systems 5 10

Students for the MSc only

MS983 Dissertation in Data Analytics 5 60

19.93.134 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc) and, if required, in an oral examination.

19.93.135 **Award**

**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.

19.93.136 **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 classes of the course.

19.93.137 **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 classes of the course.

19.93.138

to 19.93.168 (numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MANAGEMENT SCIENCE

GLOBAL INDUSTRIAL MANAGEMENT

**MSc in Global Industrial Management**

**Postgraduate Diploma in Industrial Management (International)**

**Postgraduate Certificate in Industrial Management**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

*The course is offered jointly between the University of Strathclyde and Politecnico di Milano, and the awards are made separately by the two Universities. Students shall be subject to the course regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.*

19.93.169 Admission

Regulations 19.1.1 shall apply.

19.93.170 Duration of Study

The normal duration of study for the degree of MSc by full-time study will be 18 months.

19.93.171 Mode of Study

The course is available by full-time study only.

19.93.172 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the Degree of MSc no fewer than 240 credits including an integrating dissertation

19.93.173 First Year

All students shall spend the first year at the University of Strathclyde and Politecnico di Milano, respectively, undertaking classes as follows

Compulsory Classes Level Credits

AG 939 Accounting for Engineers 5 10

MG 925 Marketing Management 5 10

MG 914 Managing People in Organisations 5 10

MG 931 Business Strategy 5 10

MS 927 Risk Analysis and Management 5 10

MS 926 Business Simulation Methods 5 10

BF 812 Semester 2 Study in Politecnico

di Milano 5 80

No fewer than 20 credits, study online, chosen from

MS 922 Quantitative Business Analysis 5 10

MS 924 Spreadsheet Modelling and

Demand Forecasting 5 10

CS 989 Big Data Fundamental 5 10

19.93.174 **Second Year**

Students shall spend semester 1 of their second year at an approved partner institution completing international study, as defined in the course handbook.

Classes Level Credits

BF 813 Semester 3 International Study 5 75

All students must complete a final integrating dissertation

MS 995 Integrating Dissertation 5 25

With the approval of the Course Director, students may be permitted to substitute one approved class from other postgraduate courses offered.

19.93.175 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

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 course work and in the Master Thesis.

In order to progress to the second year of the course, a student must normally have accumulated no fewer than 140 credits from the agreed curriculum in the first year.

The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

The final assessment and degree award classification will be based the results of the first attempt in the examinations, coursework and the Integrating Dissertation. The results of resits are used for accumulation of credits only.

Award

19.93.176 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Management (International), a candidate must have accumulated no fewer than 240 credits.

19.93.177 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Industrial Management (International), a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.93.178 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Industrial Management, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.93.179 Transfer

Students who do not perform at MSc level may be considered for a Postgraduate Diploma or a Postgraduate Certificate in Industrial Management (International), to be awarded by the University of Strathclyde only.

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MARKETING

MARKETING

MSc in Marketing

Postgraduate Diploma in Marketing

Postgraduate Certificate in Marketing

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.94.1 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or Upper second class Honours degree in any discipline from a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

19.94.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.94.3 The courses are available by full-time study only.

Curriculum

19.94.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

MK 970 Strategic Marketing Management 5 20

MK 977 International Marketing Research 5 10

MK 972 Consumer Behaviour 5 20

MK 973 Marketing Works 5 20

MK 983 Brand Management and Strategy 5 10

MK 968 Key Skills 5 10

MK 969 Dissertation Skills 5 10

Optional Classes

40 credits chosen from

MK 800 Sector Studies 5 10

MK 803 Sports Marketing in a Global Context 5 10

MK 809 Managing Tourism Resources 5 10

MK 812 B2B Key Account Management 5 10

MK 985 Contemporary Consumers 5 10

MK 988 Customer Management 1 5 10

MK 989 Customer Management 2 5 10

MK 990 Destination Marketing and Management 5 10

MK 992 Export Marketing 5 10

MK 994 Integrated Marketing Communications 5 10

MK 996 International Culture and Heritage Marketing 5 10

MK 998 International Services Marketing 5 10

MK 999 Retail Marketing Management 5 10

Students for the degree of MSc only

MK 967 Dissertation 5 40

Examination, Progress and Final Assessment

19.94.5 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc).

19.94.6 Candidates for the degree of MSc who fail to satisfy the Board of Examiners in not more than 20 credits at the first diet of examinations may, at the discretion of the Board of Examiners, be permitted to proceed to the dissertation and have one further attempt to pass the relevant class(es) normally in the same academic year.

19.94.7 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.94.8 **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 40must have been awarded for the dissertation MK967 and 10 for Dissertation Skills MK 969.

19.94.9 **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.

**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 classes of the course.

19.94.10

to 19.94.20 (Numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MARKETING

INTERNATIONAL MARKETING

MSc in International Marketing

Postgraduate Diploma in International Marketing

Postgraduate Certificate in International Marketing

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

19.94.21 Notwithstanding Regulation 19.1.1, applicants shall possess:

(i) a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or

(ii) other qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.94.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.94.23 The courses are available by full-time study only.

Curriculum

19.94.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Classes Level Credit

MK 808 Strategic Global Marketing 5 20

MK 968 Key Skills 5 10

MK 969 Dissertation Skills 5 10

MK 975 Cross-Cultural Buyer Behaviour 5 20

MK 977 International Marketing Research 5 10

MK 978 Marketing Works International 5 20

MK 983 Brand Management and Strategy 5 10

Optional Classes

40 credits chosen from

MK 800 Sector Studies 5 10

MK 803 Sports Marketing in a Global Context 5 10

MK 809 Managing Tourism Resources 5 10

MK 812 B2B Key Account Management 5 10

MK 985 Contemporary Consumers 5 10

MK 988 Customer Management 1 5 10

MK 989 Customer Management 2 5 10

MK 990 Destination Marketing and Management 5 10

MK 992 Export Marketing 5 10

MK 994 Integrated Marketing Communications 5 10

MK 996 International Culture and Heritage Marketing 5 10

MK 998 International Services Marketing 5 10

MK 999 Retail Marketing Management

Specialisation in Customer Management 5 10

Students for the degree of MSc only

MK 967 Dissertation 5 40

Examination, Progress and Final Assessment

19.94.25 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc).

19.94.26 Notwithstanding Regulation 19.1.30, candidates who fail to satisfy the examiners in not more than two classes at the first diet of examinations may, at the discretion of the Board of Examiners, be allowed to proceed to the dissertation where appropriate and have one further attempt to pass the relevant class(es), normally in the same academic year.

19.94.27 The final assessment will be based on performance in the coursework, in the written examinations and the dissertation where undertaken.

Award

19.94.28 **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 MK 967.

19.94.29 **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 taught classes of the course.

19.94.30 **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 classes of the course.

19.94.31 to

19.94 50 (numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

DEPARTMENT OF MARKETING

TOURISM MARKETING MANAGEMENT

MSc in Tourism Marketing Management

Postgraduate Diploma Tourism Marketing Management

Postgraduate Certificate Tourism Marketing Management

Course Regulations

(These regulations are to be read in conjunction with Regulation 19.1)

Admission

19.94.51 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or Upper second class Honours degree in any discipline from a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

19.94.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.94.53 The courses are available by full-time study only.

Curriculum

19.94.54 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

and an Industry Project

Compulsory Classes Level Credits

MK 809 Managing Tourism Resources 5 10

MK 927 Consumer Behaviour 5 20

MK 968 Key Skills 5 10

MK 969 Dissertation Skills 5 10

MK 970 Strategic Marketing Management 5 20

MK 973 Marketing Works 5 20

MK 977 International Marketing Research 5 10

MK 983 Brand Management and Strategy 5 10

MK 990 Destination Marketing and Management 5 10

MK 998 International Services Marketing 5 10

Optional Classes

10 credits chosen from

MK 800 Sector Studies 5 10

MK 803 Sports Marketing in a Global Context 5 10

MK 812 B2B Key Account Management 5 10

MK 985 Contemporary Consumers 5 10

MK 988 Customer Management 1 5 10

MK 989 Customer Management 2 5 10

MK 992 Export Marketing 5 10

MK 994 Integrated Marketing Communications 5 10

MK 996 International Culture and Heritage Marketing 5 10

MK 999 Retail Marketing Management 5 10

MK 951 Food, Beverage & Society 5 10

Students for the degree of MSc only

MK 967 Dissertation 5 40

Examination, Progress and Final Assessment

19.94.55 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc).

**Award**

19.94.56 **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 MK 967.

19.94.57 **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 taught classes of the course.

19.94.58 **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 classes of the course.

19.94.59 to 19.94.119 (Numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MARKETING

INNOVATION & MARKETING MANAGEMENT

MSc in Innovation & Marketing Management

Postgraduate Diploma in Innovation & Marketing Management

Postgraduate Certificate in Innovation & Marketing Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.94.120 Admission

Regulations 19.1.1 shall apply.

19.94.121 Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

19.94.122 Mode of Study

The course is available by full-time study only.

19.94.123 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits from the curriculum

including a dissertation

Compulsory Classes Level Credits

MK 977 International Marketing Research 5 10

MK 983 Brand Management & Strategy 5 10

MK 970 Strategic Marketing Management 5 20

DM 920 Strategic Technology Management 5 10

DM 926 Supply Chain Operations 5 10

EF 927 Design Management 5 10

DM 944 Product Costing and Financial Management 5 10

DM 981 Management of Innovation 5 10

DM 992 Strategic Procurement Management 5 10

MK 973 Marketing Works 5 20

Optional Classes

20 credits to be chosen from the following ensuring that 10 credits come from List A and 10 credits from List B

**List A**

MK812 B2B Key Account Management 5 10

MK992 Export Marketing 5 10

MK998 International Services Marketing 5 10

**List B**

DM934 Design Methods 5 10

DM935 Management of Total Quality and

Continuous Improvement 5 10

EF 931 Project Management 5 10

19.94.124 Students for the degree of MSc only

MK967 Dissertation 40

19.94.125 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc).

Award

19.94.126 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Innovation and Marketing Management, a student must have accumulated no fewer than 180credits, of which 40 need to be accumulated through MK967 Dissertation*.*

19.94.127 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Innovation and Marketing Management, a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.94.127 **Postgraduate Certificate**: In order to qualify for the award of the postgraduate Certificate in Innovation and Marketing Management, a candidate must have accumulated no fewer than 60 credits from the core taught classes of the course.

19.94.128 to

19.94.158 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF EDUCATION COURSES

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3, applicants for Postgraduate Taught Programmes should usually be working in an appropriate professional context, have suitable access to an appropriate professional context or relevant experience upon which to draw.

Applicants will normally be registered for the highest qualification offered in the specific course. Progress to the next level of study is normally dependent on performance.

Notwithstanding Regulation 19.1.3 it may be possible for students to gain 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 11.

Duration of Study

19.121.2 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.121.3 As permitted by Regulation 19.1.8, all PGT courses make use of distance learning and blended learning as well as on campus delivery as appropriate.

Mode of Study

19.121.4 All courses are available on a part-time and/or distance learning basis only with the exception of

MSc in Autism

MSc in Education Studies

MSc in Education Studies (Blended Learning)

MSc in Educational Leadership

**Curriculum**

19.121.5 All students shall undertake classes, subject to the approval of the Course Leader, within one of the following pathways.

For the Postgraduate Certificate no fewer than 60 credits

For the Postgraduate Diploma no fewer than 120 credits.

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*

*Master of Science in Autism*

*Postgraduate Diploma in Autism*

*Postgraduate Certificate in Autism*

19.121.6All students for the Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X9 808 Theory and Practice 1: Conceptual 5 20

Frameworks in Autism

X7 798 Theory and Practice 2: The Spectrum 5 20

of Autism

X7 799 Theory and Practice 3: Responding to 5 20

the Impact of Autism

Or (distance learning)

X3 944 Theory and Practice 1: Conceptual 5 20

Frameworks in Autism

X3 945 Theory and Practice 2: The Spectrum 5 20

of Autism

X3 946 Theory and Practice 3: Responding to 5 20

the Impact of Autism

19.121.7 Students for the degree of MEd/MSc and Postgraduate Diploma will undertake

Compulsory Class

X3 962 Emotional Wellbeing in Autism 5 20

Or (distance learning)

X3 963 Emotional Wellbeing in Autism (Distance) 5 20

Optional Classes

No fewer than 40 credits chosen from

X3 833 Research Methodologies and Reasoning 5 20

X3 958 Counselling Skills in Autism 5 20

X3 960 Autism: Becoming a Trainer 5 20

Or (distance learning)

No fewer than 40 credits chosen from

X3 961 Autism: Becoming a Trainer (Distance) 5 20

X3 833 Research Methodologies and Reasoning 5 20

Students for the degree of MEd/MSc only

X3 815 Dissertation 5 60

***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***

19.121.8 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

No less than 60 credits from

Level Credits

X3 986 Environments for Learning Literacy,

Language and Literature: 5 20

X3 971 Literacy for Subject Disciplines in Schools 5 20

X3 988 Children’s Literature and Literary Theory 5 20

X3 990 Creativity, Literacies and Emotional-

Social Development 5 20

X3 970 Interactions Between Language and

Literacy Development in Childhood 5 20

X3 956 Digital Literacies 5 20

X3 801 Supporting Literacy Development 5 20

19.121.9 Students for the degree of Postgraduate Diploma will undertake no less than 60 credits from the classes listed in 19.120.10 and

X3 833 Research Methodologies and Reasoning 5 20

Students for the degree of MEd

X3 815 Dissertation 5 60

***Master of Education in Early Years Pedagogue***

***Postgraduate Diploma in Early Years Pedagogue***

***Postgraduate Certificate in Early Years Pedagogue***

19.121.10 All students for the Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X7 789 Taking Action: Child, Family and Community

Efficacy 5 20

X9 802 Listening to Children and Hearing Their Voices 5 20

X9 854 Creating Stimulating Learning Environments

Inside and Out 5 20

19.121.11 Students for the degree of MEd and Postgraduate Diploma in addition will undertake

X9 876 The Connected Child 5 20

X7 797 Leading in a Time of Change. 5 20

And no fewer than 20 credits from

X9 644 Child-Centred & Child- Focused Approaches

To Practitioner Research 5 20

X3 833 Research Methodologies and Reasoning 5 20

Students for the degree of M Ed only

X3 815 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 Classes | | Level | Credits |
|  |  |  |  |
| X3815 | Dissertation | 5 | 60 |
| X3839 | Thinking about Education | 5 | 20 |
| X3833 | Research Methodologies and Reasoning | 5 | 20 |
| X3952 | Frameworks for Understanding Learning | 5 | 20 |
| X9647 | Globalisation, Society and Education Policy  And either | 5 | 20 |
| X3838  X3999  X3842  X3841 | Philosophy of Technology and Education  And  Education and Self-Formation in Cultural Contexts  Or  Language Learning in a Multilingual World  And  Contemporary Issues in Language Teaching | 5  5  5  5 | 20  20  20  20 |

All students for the MEd Education Studies and MEd Education Studies (Blended Learning) shall undertake an approved curriculum as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Compulsory Classes | | Level | Credits |
|  |  |  |  |
| X3815 | Dissertation | 5 | 60 |
| X3833 | Research Methodologies and Reasoning | 5 | 20 |
|  |  |  |  |

Optional Classes

No fewer than 100 credits as approved by the course director

*Master of Education in Inclusive Education*

*Postgraduate Diploma in Inclusive Education*

*Postgraduate Certificate in Inclusive Education*

19.121.12 All students for the Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X9 743 Understanding Inclusive Education 1 5 20

X9 744 Providing Effective Educational Support 5 20

X9 701 Inclusive Pedagogy 5 20

19.121.13 Students for the degree of MEd and Postgraduate Diploma in addition will undertake

Optional Classes

No fewer than 60 credits as approved by the course director

Students for the degree of MEd only

X3 815 Dissertation 5 60

***Master of Education in Educational Leadership***

***Master of Science in Educational Leadership***

***Postgraduate Diploma in Educational Leadership***

***Postgraduate Certificate in Educational Leadership***

19.121.14 All students for the Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 820 Leadership for equity, inclusion and social justice 5 20

X3 830 Leadership for learning 5 20

X 3832 Conceptions of leadership 5 20

Or (distance learning)

X3 826 Leadership for Equity, Inclusion and

Social Justice (Distance) 5 20

X3 827 Leadership for learning (Distance) 5 20

X3 818 Conceptions of leadership (Distance) 5 20

19.121.15 Students for the degree of MSc/MEd and Postgraduate Diploma in addition will undertake

Compulsory Classes

X3 822 Contexts for Leadership 5 20

X3 821 Leadership for School Improvement 5 20

X3 833 Research Methodologies and Reasoning\* 5 20

Or (distance learning)

Compulsory Classes

X3 819 Contexts for Leadership (Distance) 5 20

X3 825 Leadership for School Improvement (Distance) 5 20

X3 833 Research Methodologies and Reasoning 5 20

X3 828 Strategic Leadership 5 20

Students for the degree of MEd only

X3 815 Dissertation\* 5 60

Or

X3 823 Strategic Leadership 5 20

X3 831 Work-based Project 5 40

Or (distance learning)

X3 815 Dissertation 5 60

Or

X3 828 Strategic Leadership (Distance) 5 20

X3 824 Work-based Project (Distance) 5 40

\* Compulsory for students on the full-time MSc Educational Leadership course.

***Master of Education in Professional Practice***

***Postgraduate Diploma in Professional Practice***

*Postgraduate Certificate in Professional Practice*

19.121.16 All students for the Postgraduate Certificate shall undertake an approved curriculum as follows

Optional classes

No fewer than 60 credits as approved by the course director

19.121.17 Students for the degree of MEd and Postgraduate Diploma in addition will undertake no fewer than 60 credits as approved by the course director.

Students for the degree of MEd only

X3 815 Dissertation 5 60

***Postgraduate Certificate ‘Specialist Qualification for Headship’ (Into Headship)***

19.121.18 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 993 Into Headship 1 5 20

X3 994 Into Headship 2 5 40

*Postgraduate Certificate in Philosophy with Children*

19.121.19 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 902 Introduction to Philosophy and Philosophical

Practice 5 20

X3 901 Philosophy with Children: Theory 5 20

X3 903 Philosophy with Children: Facilitation 5 20

*Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom*

19.121.20 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 941 Theory and Practice in Supporting Bilingual

Learners 5 20

X3 942 Policy and Practice in Supporting Bilingual

Learners 5 20

X3 943 Action Research to Support Bilingual

Learners 5 20

*Postgraduate Certificate in Supporting Teacher Learning*

19.121.21 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X9 797 How Teachers Learn 5 20

X9 798 Contemporary Contexts for Teacher Learning

and Teachers’ Work 5 20

X9 799 Supporting Professional Learning

in the Workplace 5 20

***Postgraduate Certificate in The Creative Child & The Creative Practitioner***

19.121.22 All students shall undertake an approved curriculum as follows

Compulsory classes

X3 812 Creative Practice and Pedagogy 5 20

X3 829 What is Creativity? Theory, Policy and

Curriculum 5 20

X3 817 Charting the Child’s Creative Journey:

Empowering Children’s Creativity 5 20

**Examination, Progress and Final Assessment**

19.121.23 Regulations 19.1.25 – 19.1.33 shall apply.

19.121.24 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.121.25 **Degree of 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.

19.121.26 **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 classes of the course.

19.121.27 **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 classes

19.121.28 to

19.121.29 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

**Postgraduate Certificate In Securing Children’s Futures**

19.121.68 **Admission**

Admission is by application. Applicants are normally qualified social workers or allied professional workers and are required, at the time of starting their course, 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. Applicants must have clearly agreed and defined access to experiences, which in the opinion of the Course Leaders provide the required practice-based learning. Applicants are required to hold a relevant degree and/or professional qualification. All applicants are required to be employed by a relevant agency or be working independently in a relevant field.

In exceptional circumstances, applicants without appropriate qualifications may be admitted on evidence that they can demonstrate their ability to work atpost graduate level**.**

19.121.69 **Duration of Study**

The normal duration of study is nine months.

19.121.70 **Mode of Study**

The Postgraduate Certificate in Securing Children’s Futures – Good Practice in Permanence Planning and Family Placement is available in part time study only. The course is modular in nature.

19.121.71 **Place of Study**

The course is delivered in accessible locations in Scotland. The Post Graduate Certificate in Securing Children’s Futures is delivered by the Adoption and Fostering Alliance (Scotland); the taught components of the course are delivered at locations which have agreements with A&FA Scotland

19.121.72 **Curriculum**

All students undertake a curriculum based on the accumulation of 60 credits, derived from the following compulsory modules

L5 979 Setting the Context 5 20

L5 977 Keeping the Child Central 5 20

L5 978 Assessing and Supporting Carers 5 20

19.121.73 **Assessment**

Candidates are required to pass written assessments for each module and to have their professional practice observed and verified by an appropriate person.

Candidates who fail to reach the required standard in any module are permitted one further attempt to pass that module.

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.

If a candidate fails to reach the required standard in any assignment they can continue on the course and be awarded fifteen credits for each module ‘passed’

19.121.74 **Award**

The final award is a Postgraduate Certificate for which the candidate must have accumulated 60 credits from the four assessed modules.

19.121.75 to

19.121.105 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

**Postgraduate Certificate In Engineering Stem Learning**

19.121.106 **Curriculum**

All students shall undertake an approved curriculum delivered by Primary Engineer Programmes as follows

Compulsory Classes Level Credits

X3 837 STEM Educational Landscape 5 20

X3 836 Professional Enquiry 5 40

**Examination, Progress and Final Assessment**

19.121.107 Regulations 19.1.25 – 19.1.33 shall apply.

19.121.108 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.121.109 **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 classes.

19.121.110 to

19.121.140 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

Postgraduate Certificate in Social Research Methods

19.121.141 Admission

Applicants are normally required to possess an MSc degree of a United Kingdom university or a qualification deemed to be equivalent by the Senate.

19.121.142 Duration of Study

The programme will normally be complete within 9 months (full-time) or 18 months (part-time)

19.121.143 Place of Study

The course will involve study time based at Strathclyde

19.121.144 Mode of Study

The course is available by full-time or part-time

19.121.145 Curriculum

All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes Level Credits

L5 981 Perspectives on Social Research 5 20

L2 905 - Quantitative Methods: Survey Methods 5 20

L2 909 - Qualitative Methods 5 20

19.121.146 Examination, Progress and Final Assessment

The final assessment will be based on performance in the examinations, coursework and the dissertation.

19.121.147 Award

**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 course curriculum.

19.121.148 to

19.121.178 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

APPLIED EDUCATIONAL AND SOCIAL RESEARCH

**MSc in Applied Educational and Social Research**

**Postgraduate Diploma in Applied Education and Social Research**

**Postgraduate Certificate in Applied Education and Social Research**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.179 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

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 course. Progress to the next level of study is normally dependent on performance (see Regulation 19.121.6).

Duration of Study

19.121.180 Regulations 19.1.5 and 19.1.6 shall apply.

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Place of Study

19.121.181 As permitted by Regulation 19.1.8, 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

19.121.182 The course in Applied Educational & Social Research is delivered in mixed-mode with full-time face to face study and part-time distance learning study.

**Curriculum**

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

19.121.183All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X7 805 Educational Research and Enquiry 5 20

X7 806 Design Strategies in Educational Research 5 20

X7 807 Data Collection in Educational Research 5 20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake

X7 808 Data Analysis in Educational Research 5 40

Either

X7 809 Advanced Quantitative Research Design   
and Data Analysis. 5 20

Or

X7 810 Advanced Qualitative Research Design and   
Data Analysis 5 20

Students for the degree of MSc only

X7 819 Dissertation 5 60

Examination, Progress and Final Assessment

19.121.184 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.121.185 Candidates will be permitted a maximum of 2 attempts at each assessment.

19.121.186 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.121.187 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.

19.121.188 **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 classes of the course.

19.121.189 **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 classes of the course.

19.121.190 to

19.121.220 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

CHARTERED TEACHER STUDIES

MSc in Chartered Teacher Studies

Postgraduate Diploma in Chartered Teacher Studies

Postgraduate Certificate in Chartered Teacher Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.221 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, successful applicants must normally be fully registered with the General Teaching Council for Scotland and must be at the top of the scale for main grade teachers. In addition, applicants must normally have maintained a Continuing Professional Development portfolio.

Notwithstanding Regulation 19.1.3, as this course is delivered to a nationally approved curriculum framework, it may be possible for students to gain APL of up to 67% on admission to the Master’s degree.

Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.121.17).

19.121.222 **Duration of Study**

Notwithstanding the provision of Regulation 19.1.6, the maximum duration of study shall be

(ii) for the degree of MSc in Chartered Teacher Studies by part-time study or distance learning - 108 months elapsed time,

for the Postgraduate Diploma in Chartered Teacher Studies by part-time study or distance learning - 72 months elapsed time,

for the Postgraduate Certificate in Chartered Teacher Studies by part-time study or distance learning - 36 months elapsed time

Place of Study

19.121.223 As permitted by Regulation 19.1.8,

(ii) some classes for the MSc, Postgraduate Diploma and Postgraduate Certificate in Chartered Teacher Studies may be delivered at campuses of the UHI Millennium Institute and by partner organisations other than this University.

Mode of Study

19.121.224 Chartered Teacher Studies may be undertaken by distance learning. Courses are available on a part-time basis only.

**Curriculum**

19.121.225All students shall undertake an approved curriculum as follows:

Compulsory Class Level Credits

X7 938 Professional Development: Review, Reflection   
and Planning (CT) 5 15

Optional Classes

No fewer than 45 credits chosen from

B1 904 Responsibility and Learning in the Outdoors 5 15

HS 922 Independent Study Module 5 15

HS 923 Raising Attainment in History 5 15

HS 933 E-Learning 5 15

HS 934 Learning to Think, Thinking to Learn: Implications   
for Learning, Teaching and Curriculum 5 15

HS 989 Buzan's 'Headstrong': a Buzan approach to   
Creative Thinking and Family Learning:   
Implications for Learning and Teaching and   
Parental Involvement 5 15

HS 990 Developing the Emotionally Literate Classroom 5 15

HS 991 Early Years: Translating Policy into Practice 5 15

HS 992 The Learning School 5 15

HS 993 Motivation, Communication and Self-  
Development/Awareness: Implications for   
Influencing Learning, Teaching and Self

Development/Awareness 5 15

HS 994 Inclusive Education: Access for all 5 15

HS 995 Teaching Giftedness: Developing Cognitive   
Abilities - The Vygotskian Approach to Early   
Years Education 5 15

PC 901 Education for Citizenship (CT) 5 15

X9 703 Health and Wellbeing for Today’s Young People 5 30

X9 704 Sustainable Development and Global Citizenship

Education 5 30

X9 705 Working Together with Multi-Disciplinary

Professionals 5 30

X9 706 Bilingualism in Scottish Education – Theory

And Practice 5 30

X9 941 Learning and Teaching with ICT (CT) 5 15

X9 986 Closing the Literary Gap (Infant Stages) (CT) 5 30

Students for the degree of MSc and Postgraduate Diploma in addition will undertake

Compulsory Classes

HS 927 Education for All 5 15

HS 928 Working Together 5 15

HS 931 Learning and Teaching 5 15

Optional Classes

No fewer than 15 credits chosen from the list of optional classes above.

Students for the degree of MSc only

Either

HS 924 Professional Enquiry and Development 1 5 30

And

HS 832 Professional Enquiry and Development 2 5 30

Or

HS 860 Professional Enquiry and Development 3 5 60

Examination, Progress and Final Assessment

19.121.226 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.121.227 Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

19.121.228 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.121.229 **Degree of MSc in Chartered Teacher Studies:** In order to qualify for the award of the degree of MSc in Chartered Teacher 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 either the dissertation Hs860 or the research projects HS924 and HS832.

19.121.230 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Chartered Teacher Studies a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.121.231 **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 classes of the course.

19.121.232 to

19.121.262 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

**GENEALOGICAL, PALAEOGRAPHIC AND HERALDIC STUDIES**

**MSc in Genealogical, Palaeographic and Heraldic Studies**

**Postgraduate Diploma in Genealogical, Palaeographic and Heraldic Studies**

**Postgraduate Certificate in Genealogical, Palaeographic and Heraldic Studies**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.121.263 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Progress to the next level of study is normally dependent on performance (see Regulation 19.121.28).

19.121.264 **Duration of Study**

For distance learning students who opt to take 180 credits over one year by full-time study the minimum period of study will be 18 monthsand the maximum period of study will be 36 monthsfrom the date of registration. For students taking the course on a part-time basis regulations 19.1.5 and 19.1.6 will apply.

19.121.265 **Place of Study**

As permitted by Regulation 19.1.8

19.121.266 **Mode of Study**

Regulation 19.1.7 shall apply

**Curriculum**

19.121.267 All students shall undertake an approved curriculum as follows

Students for the Postgraduate Certificate will undertake

Compulsory Classes Level Credits

LL 927 Professional Practice and Methodologies 1 5 10

LL 945 Repositories, Geography and Administration 1 5 10

LL 943 Civil and Church Records 1 5 10

LL 915 Family History Studies and

Overseas Records 1 5 10

LL 944 Property, Law and Inheritance 1 5 10

LL 942 Heraldry and Latin 1 5 10

Students for the Postgraduate Diploma and degree of MSc in addition will undertake

Compulsory Classes

LL 914 Methods of Professional Enquiry

and Project 2 5 20

LL 925 Genealogy, Heraldry and Social History 2 5 20

LL 946 Documents, Palaeography and

Research Studies 2 5 20

Students for the degree of MSc only

LL 953 Professional Enquiry and Development 5 60

**Examination, Progress and Final Assessment**

19.121.268 Regulations 19.1.25 –19.1.33 shall apply.

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.

19.121.269 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

**Award**

19.121.270 **Degree of MSc in Genealogical, Palaeographic and Heraldic Studies**: 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.

19.121.271 **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 classes of the course.

19.121.272 **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 classes of the course.

19.121.273 to

19.121.303 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

MSC IN SAFETY AND RISK MANAGEMENT

MSc in Safety and Risk Management

Postgraduate Diploma in Safety and Risk Management

Postgraduate Certificate in Safety and Risk Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.304 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study

19.121.305 Regulations 19.1.5 and 19.1.6 shall apply

19.121.306 Place of Study

As permitted by Regulation 19.1.8

Mode of Study

19.121.307 The course is available by part-time study only

Curriculum

19.121.308All students shall undertake an approved curriculum as follows

Students for the degree of Postgraduate Certificate will undertake the following compulsory classes

Level Credits

LL 948 Benchmarking Safety and Risk   
Management Activities 5 20

LL 947 Assessing Hazards, Risks and Dangers 5 20

LL 952 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 classes

LL 949 Corporate Risk Management 5 20

LL 954 Psychology of Workplace Activities 5 20

LL 950 Ergonomic Factors in Work Activities 5 10

LL 951 Methods of Professional Enquiry 5 10

Students for the degree of MSc only

LL 916 Research Project 5 60

Regulation 19.1.18 shall apply for students granted exemption from part of the programme through credit transfer or RPL.

Examination, Progress and Final Assessment

19.121.309 Regulations 19.1.25 – 19.1.33 shall apply. 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

19.121.310 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.121.311 Degree of MSc in Safety and Risk Management: 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.

19.121.312 **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 classes of the course.

19.121.313 **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 classes of the course.

19.121.314 to

19.121.344 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF EDUCATION COURSES

**SAFETY AND** **RISK MANAGEMENT LEADERSHIP**

**Postgraduate Certificate in Safety and** **Risk Management Leadership**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1 of General and Course Regulations for Graduates and Postgraduate Awards and Degrees]

**Admission**

19.121.345 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Progress to the next level of study is normally dependent on performance (see Regulation 19.121.39).

**Duration of Study**

19.121.346 Regulations 19.1.5 and 19.1.6 shall apply.

19.121.347 **Place of Study**

As permitted by Regulation 19.1.8.

**Mode of Study**

19.121.348 The course is available by part-time study only.

**Curriculum**

19.121.349 All students shall undertake an approved curriculum. For the Post Graduate Certificate in Safety and Risk Management Leadership all classes below are compulsory and should be taken in the order listed below.

LL 931 Safety and Risk Management – An Introduction

and Key Concepts 5 5

LL 934 Legislation and Safety Policy – International

and Local Perspective 5 5

LL 940 Accident and Incident Investigation 5 5

LL 938 Safety Culture, Behaviour and Human Factors 5 5

LL 941 Risk Assessment Methodologies 5 5

LL 933 Task Based Risk Assessment, Management

and Control 5 5

LL 932 Process Safety and High Risk Environments 5 5

LL 930 Emergency Planning, Public Safety

and Working with External Agencies 5 5

LL 939 Occupational Exposure and Health Hazards 5 5

LL 937 Risk Management in Various Situations 5 5

LL 936 Corporate Risk Management and Safety Audit 5 5

LL 935 Safety and Risk Management Case Study 5 5

\* Note: Individual classes 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**

19.121.350 Regulations 19.1.25 – 19.1.33 shall apply.

**Award**

19.121.351 **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 classes of the course.

19.121.352 to

19.121.382 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

SPARK (Strathclyde Programme In Academic Practice, Researcher Development And Knowledge Exchange)

MSc, Postgraduate Diplomas and Associated Postgraduate Certificates

**Learning and Teaching in Higher Education, Researcher Development , Knowledge Exchange or Advanced Academic Practice (Part-time)**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.383 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Applicants will normally be registered initially for the lowest level of qualification offered in the course (see Regulation 19.121.111).

Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3, applicants for the Postgraduate Certificate in Learning and Teaching in Higher Education, Researcher Development , Knowledge Exchange or Advanced Academic Practice must normally be employed in an organisation which has made a commitment agreed with the Course Director, to support the practice-based learning requirements.

Duration of Study

19.121.384 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.121.385 Regulation 19.1.8 shall apply.

Mode of Study

19.121.386 The MSc, Postgraduate Diplomas and Certificates in Learning and Teaching in Higher Education, Researcher Development , Knowledge Exchange or Advanced Academic Practice are available by part-time study only.

Curriculum

19.121.387 All students shall undertake an approved curriculum as follows

For the Postgraduate Certificate no fewer than 60 credits

***Learning and Teaching in Higher Education***

Compulsory Class Level Credits

X9 894 Teaching, Learning and Assessment within

the Disciplines 5 20

***Researcher Development***

Compulsory Class

X9 801 Building a Successful Research Career 5 20

***Knowledge Exchange***

Compulsory Class

X3 974 Understanding and Exploring Knowledge

Exchange 5 20

OR

X9 635 Knowledge Exchange and Innovation Training 5 20

***Academic Practice***

Compulsory Classes

X9 894 Teaching, Learning and Assessment within

the Disciplines 5 20

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X9 801 Building a Successful Research Career 5 20

AND

X3 974 Understanding and Exploring Knowlwdge

Exchange 5 20

OR

X9 635 Knowledge Exchange and Innovation Training 5 20

***Optional Classes Learning and Teaching in Higher Education***

No Fewer than 20 credits chosen from

X9 739 Independent Enquiry 5 20

X9 735 Teaching and Learning Online 5 20

X9 895 Course (Re)Design 5 20

X9 896 Academic Writing 5 20

X9 897 Developing an Inclusive Curriculum 5 20

X9 898 Supervising Postgraduate Research 5 20

X9 889 Leadership in Higher Education 5 20

X3 480 Research Bidding and Design – getting started 5 20

***Optional Classes Researcher Development***

No fewer than 20 Credits chosen from

X9 739 Independent Enquiry 5 20

X9 737 Research Bidding and Design 5 20

X9 741 Public Engagement for Researchers 5 20

X9 898 Supervising Postgraduate Research 5 20

X9 899 Leadership in Higher Education 5 20

X3 480 Research Bidding and Design – getting started 5 20

***Optional Classes Knowledge Exchange***

No fewer than 20 credits chosen from

X3 972 Understanding External Organisiations 5 20

X3 976 Engaging Different Audiences 5 20

X3 985 Enterprise, Commercialisation and

Intellectual Property 5 20

X3 973 The Knowledge Exchange Challenge 5 20

X3 975 Establishing and Managing Relationships 5 20

X9 739 Independent Enquiry 5 20

X3 480 Research Bidding and Design – getting started 5 20

Students in Knowledge Exchange, Researcher Development and Learning and Teaching in Higher Education are permitted to take the remaining 20 credits from any SPARK programme classes.

Students for the Postgraduate Diploma in addition will undertake

***Postgraduate Diploma Learning and Teaching In Higher Education***

No fewer than 40 credits chosen from

X9 739 Independent Enquiry 5 20

X9 735 Teaching and Learning Online 5 20

X9 895 Course (Re)Design 5 20

X9 896 Academic Writing 5 20

X9 897 Developing an Inclusive Curriculum 5 20

X9 898 Supervising Postgraduate Research 5 20

X9 889 Leadership in Higher Education 5 20

X3 480 Research Bidding and Design – getting started 5 20

Plus no fewer than 20 credits chosen from the any SPARK programme classes

***Postgraduate Diploma in Researcher Development***

No fewer than 40 credits chosen from

X9 739 Independent Enquiry 5 20

X9 737 Research Bidding and Design 5 20

X9 741 Public Engagement for Researchers 5 20

X9 898 Supervising Postgraduate Research 5 20

X9 899 Leadership in Higher Education 5 20

Plus no fewer than 20 credits chosen from any SPARK programme classes

***Postgraduate Diploma in Knowledge Exchange***

No Fewer than 40 credits chosen from

X3 972 Understanding External Organisations 5 20

X3 976 Engaging Different Audiences 5 20

X3 985 Enterprise, Commercialism and

Intellectual Property 5 20

X3 973 The Knowledge Exchange Challenge 5 20

X3 975 Establishing and Managing Relationships 5 20

X9 739 Independent Enquiry 5 20

Plus no fewer than 20 credits chosen from any SPARK programme Classes

***Postgraduate Diploma in Academic Practice***

No Fewer than 60 credits from any SPARK programme classes

Students for the MSc in any named degree course will also complete a 60 credit dissertation in their chosen subject area.

X3 800           Dissertation                                       5                    60

Examination, Progress and Final Assessment

19.121.388 Regulations 19.1.25 – 19.1.33 shall apply.

Progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners.

**Award**

19.121.389 MSc:In order to qualify for the award of MSc a candidate must have accumulated no fewer than 120 credits from the taught classes of their chosen named qualification and 60 credits from the dissertation X3800 in their chosen subject area.

19.121.390 **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 classes of the course in their chosen named qualification.

19.121.391 **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 classes of their chosen named qualification.

19.121.392 to

19.121.422 (not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

**TESOL AND INTERCULTURAL COMMUNICATION**

**MSc in TESOL and Intercultural Communication**

**Postgraduate Diploma in TESOL and Intercultural Communication**

**Postgraduate Certificate in TESOL and Intercultural Communication**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.423 Regulations 19.1.1 to 19.1.3 shall apply.

Duration of Study

19.121.424 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.121.425 In accordance with Regulation 19.1.8, some off-campus work may be required.

Mode of Study

19.121.426 The courses are available by full-time study and by part-time study.

**Curriculum**

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

19.121.427All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 842 Language Learning in a Multilingual World 5 20

QQ 976 Introduction to Intercultural Communication 5 20

Optional Classes

Either

X3 833 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 class

X3841 Contemporary Issues in Language Teaching 5 20

Optional classes

No fewer than 40 credits chosen from

X3 943 Action Research to Effect Change for Bilingual

Learners 5 20

X3 942 Practice and Policies in Supporting Bilingual

Learners 5 20

X3 927 Independent Study 1 5 20

QQ 901 Transcultural Fandom and British Popular Culture 5 20

QQ 903 Narrative Processing Across Languages, Cultures

And Media 5 20

QQ 988   Contemporary Scottish Cultural Studies       5   20

Any such other Level 5 classes chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Leader for this course.

Students for the degree of MSc only

either

X3 815 Dissertation 5 60

or

QQ 980 Dissertation in Interdisciplinary English Studies 5 60

Examination, Progress and Final Assessment

19.121.428 Regulations 19.1.25 – 19.1.33 shall apply.

19.121.429 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.121.430 Degree of MSc in TESOL and Intercultural Communication: 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.

19.121.431 **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 classes of the course.

19.121.432 **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 classes of the course.

19.121.433 to

19.121.463 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION COURSES

EDUCATIONAL ISSUES AND IMPACT

**Postgraduate Certificate in Educational Issues and Impact**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.464 Regulations 19.1.1 and 19.1.2 shall apply.

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

19.121.465 Regulations 19.1.5 and 19.1.6 shall apply.

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Place of Study

19.121.466 The course is delivered in Pakistan.

Mode of Study

19.121.467 The course is delivered by part-time study.

**Curriculum**

19.121.468

All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 848 Educational Perspectives and Policies 5 20

X3 849 Principles and Policy in Practice 5 20

X3 850 Professional Specialisation 5 10

X3 851 Professional Project 5 10

Examination, Progress and Final Assessment

19.121.469 Regulations 19.1.25 – 19.1.33 shall apply.

19.121.470 Candidates will be permitted a maximum of 2 attempts at each assessment.

19.121.471 The final assessment will be based on performance in the examinations where undertaken, and coursework.

Award

19.121.472 **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 classes of the course.

19.121.473 to

19.121.503 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION

EDUCATIONAL ISSUES, IMPACT AND IMMERSION

**Postgraduate Certificate in Educational Issues, Impact and Immersion**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.121.504 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.121.505 The course involves placement in schools for which a student must be a member of the Protecting Vulnerable Groups Scheme (PVG). If they are already a member they must apply for an update.

Mode of Study

19.121.506 The course is available by full-time study only.

19.121.507 **Curriculum**

All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 853 Educational Perspectives and Policies 5 20

X3 855 Principles and Policy in Practice 5 10

X3 852 Professional Specialisation (ELT) 5 10

X3 854 Professional Placement 5 20

Examination, Progress and Final Assessment

19.121.508 Regulations 19.1.25 – 19.1.33 shall apply.

19.121.509 Candidates will be permitted a maximum of 2 attempts at each assessment.

19.121.510 The final assessment will be based on performance in the examinations where undertaken, coursework, and the dissertation where undertaken.

Award

19.121.511 **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 course.

19.121.512 to

19.121.542 (numbners not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION

PSYCHOANALYTIC OBSERVATION AND REFLECTIVE PRACTICE: THERAPEUTIC WORK WITH CHILDREN AND YOUNG PEOPLE

MSc 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

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.543 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicantsshall possess one year's post

qualifying experience deemed appropriate by the Course Director. In

addition, applicants should have continuing professional contact with

children and/or young people, throughout the period of study;

Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.125.28).

Duration of Study

19.121.544 Regulations 19.1.5 and 19.1.6 shall apply.

Notwithstanding the provisions of Regulation 19.1.5, the minimum duration of study shall be

for the degree of MSc in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People by part-time study - 90 weeks

for the Postgraduate Diploma in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People by part-time study - 60 weeks

for the Postgraduate Certificate in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People by part-time study – 30 weeks

Place of Study

19.121.545 As permitted by Regulation 19.1.8, 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).

19.121.546 **Mode of Study**

The course is available by part-time study only

**Curriculum**

19.121.547 All students shall undertake an approved curriculum as follows

For the Postgraduate Certificate no fewer than 60 credits

For the Postgraduate Diploma no fewer than 120 credits

For the degree of MSc no fewer than 180 credits

Students undertaking the Postgraduate Certificate and Postgraduate Diploma should undertake the following compulsory classes

Level Credits

HS 951 Infant Observation 1 5 20

HS 952 Infant Observation 2 5 20

HS 953 Young Child Observation 5 20

HS 954 Work Discussion and Institutional  
Processes 5 20

HS 956 Personality Development 5 10

HS 957 A History of PsychoanalyticThinking 5 20

HS 958 Child Development Research 5 10

Students wishing to progress to the degree of MSc must undertake the following class

Students for the degree of MSc only

HS 902 Professional Enquiry and Development 5 60

Examination, Progress and Final Assessment

19.121.548 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.121.549 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

19.121.550 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.121.551 **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 either the dissertation HS902 or the research projects.

19.121.552 **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 classes of the course.

19.121.553 **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 classes of the course.

19.121.554 to

19.121.584 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**SCHOOL OF** **EDUCATION**

**GAELIC IMMERSION FOR TEACHERS**

**Postgraduate Diploma in Gaelic Immersion for Teachers**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.121.584 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. 19.1.4 shall not apply.

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**

19.121.586 The minimum period of study is 9 months. The maximum period is as set out in regulation 19.1.6.

**Mode of Study**

19.121.587 The Postgraduate Diploma in Gaelic Immersion for Teachersis available by full-time study only.

**Place of Study**

19.121.588 The course includes study at the University of Strathclyde and the University of Edinburgh, and placements in Gaelic-medium schools and other appropriate work settings.

**Curriculum**

19.121.589 All students shall undertake an approved curriculum as follows, each at Level 5 (20 Credits)

Level Credits

X3 959 Gaelic 1: Threshold (CEFR B1) 5 20

X3 966 Gaelic 2: Vantage (CEFR B2) 5 20

X3 967 Gaelic 3: Proficiency (CEFR C1) 5 20

X7 927 Pedagogy 1: Language Learning and

Teaching 5 20

X7 928 Pedagogy 2: Gaelic Medium Education:

Provision, Policy, Practice 5 20

X7 929 Pedagogy 3: Bilingualism 5 20

Regulation 19.1.15 shall not apply. Course delivery, materials, assessed work and oral examination shall be in Gaelic or English unless stated otherwise in individual course regulations and published in the Course Handbook.

**Examination, Progress and Final Assessment**

19.121.590 Regulations 19.1.25 – 19.1.27 and 19.1.29 – 19.1.33 shall apply.

Regulation 19.1.28 is amended as follows: Except where a course includes an integrative/reflective class that will draw on work in other classes, or where a task is dually assessed for both linguistic and pedagogical performance, each item of work may only be assessed in one class.

**Award**

19.121.591 **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 course curriculum.

19.121.592 to

19.121.622 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**SCHOOL OF** **EDUCATION**

**EDUCATION (INTERNATIONAL)**

**Postgraduate Certificate in Education (International)**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.623 Regulations 19.1.1 and 19.1.3 shall apply.

In addition, applicants for the programme must be working in an appropriate professional context or have suitable access to an appropriate professional context.

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

19.121.624 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19. 121.625 The course is delivered online.

**Curriculum**

19. 121.626

All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X9 651 Practitioner Enquiry for Professional Learning 5 20

X9 652 International Education: Issues, Debates

and Challenges 5 20

X9 653 Learning, Teaching and Professionalism

in International Contexts 5 20

Examination, Progress and Final Assessment

19. 121.627 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on academic performance in the assessments undertaken.

Award

19. 121.628 **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 classes of the course.

19.121.629 to

19.121.659 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

MEDIA AND COMMUNICATION

MLitt in Media and Communication

Postgraduate Diploma in Media and Communication

Postgraduate Certificate in Media and Communication

Course Regulations

[These regulations are to be read in conjunction with the General Postgraduate Regulations 19.1]

Admission

Notwithstanding Regulation 19.1.1, applicants shall normally 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 Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

19.123.1 Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

The course is available by both full-time and part-time study.

19.123.2 Curriculum

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MLitt. no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

P3 968 Communication and Media Theory in an

International Context 5 20

P3 967 From Broadcast to Participation:a History

Of Mediation 5 20

P3 970 Strategic Communication 5 20

QQ 939 Research Skills in Literature,Culture and

Place 5 20

Optional Classes Level Credits

No fewer than 40 credits chosen from

P3 952 Journalism and Society 5 20

P3 964 Digital Communication and Society (PGT) 5 20

P3 955 Media Ethics 5 20

P3 969 Media and Literary Publics 5 20

P3 965 Individual Project with Client 5 20

Such other Level 5 classes chosen from other courses offered by the School of Humanities or by another School or department in the University as may be approved by the Head of School offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only

P3 966 Communication and Media Dissertation 5 60

19.123.3 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the coursework together with the dissertation where undertaken.

19.123.4 Award

Degree of MLitt: In order to qualify for the degree of MLitt 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.

19.123.5 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 course curriculum.

19.123.6 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 course curriculum.

19.123.7 to

19.123.37 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

LITERATURE, CULTURE AND PLACE

MLitt in Literature, Culture and Place

Postgraduate Diploma in Literature, Culture and Place

Postgraduate Certificate in Literature, Culture and Place

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

* + 1. Applicants should possess

(i) a BA Honours degree (or in the case of direct entry to a Master’s programme, a first or second class honours degree) in English Literature or Cultural Studies from a United Kingdom university, or

(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be the equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.123.39 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.123.40 The course is available by full-time and part-time study.

Curriculum

19.123.41 All students shall undertake an approved curriculum as follow

for the Postgraduate Certificate no fewer than 60 credits, including 40 from the optional classes

for the Postgraduate Diploma no fewer than 120 credits, including 100 from the optional classes

for the degree of MLitt, no fewer than 180 credits, including a dissertation

Compulsory Classes Level Credits

QQ 939 Research Skills in Literature, Culture and

Communication 5 20

Optional Classes

QQ 958 British Places: Literature 1880-1950 5 20

QQ 934 Uncanny Places: the Victorian Occult 5 20

QQ 935 Discovery of Scotland 5 20

QQ 936 Visions of Suburbia 5 20

QQ 937 Post-Colonial Canadian Literature 5 20

QQ 946 Literary Linguistics 5 20

QQ 956 Travellin’ Blues: Literature, Politics and

Displacement 5 20

QQ 962 Writing the Void: Desert Literature 5 20

QQ 963 Romanticism and the South West 5 20

QQ 964 Women Writers of the Anglo- and Italospheres 5 20

in the Long Nineteenth Century, 1789-1914

QQ 975 The Wild and the Tame: The Place of Animals 5 20

QQ 902 Global Queers: Travel Writing and Sexual

Politics 5 20

QQ 976 Introduction to Intercultural Communication 5 20

QQ 903 Narrative Processing across Languages and

Cultures 5 20

QQ 901 Transcultural Fandom and British Popular

Culture 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by Department of English Studies or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only

QQ 950 Dissertation 5 60

Examination, Progress and Final Assessment

19.123.42 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.43 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.123.44 The final assessment will be based on performance in the coursework and the dissertation where undertaken.

Award

19.123.45 **Degree of MLitt:** In order to qualify for the degree of MLitt in Literature, Culture and Place, 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 QQ 950.

19.123.46 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Literature, Culture and Place, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.123.47 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Literature, Culture and Place, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.123.48

to 19.123.78 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

CREATIVE WRITING

MLitt in Creative Writing

Postgraduate Diploma in Creative Writing

Postgraduate Certificate in Creative Writing

Course Regulations

[These regulations are to be read in conjunction with 19.1]

Admission

19.123.79 Applicants shall

(i) possess 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) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed, by the Course 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

19.123.80 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

19.123.81 The courses are available by full-time and part-time study.

Curriculum

19.123.82 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

P3 961 Creative Writing Workshop 1 5 20

P3 960 Creative Writing Workshop 2 5 20

P3 963 Creative Writing Skills Workshop 5 20

P3 962 Creative Writing Skills Project 5 20

Optional Classes

No fewer than 40 credits chosen from

QQ 958 British Places: Literature 1880-1950 5 20

QQ 934 Uncanny Places: the Victorian Occult 5 20

QQ 935 Discovery of Scotland 5 20

QQ 936 Visions of Suburbia 5 20

QQ 937 Post-Colonial Canadian Literature 5 20

QQ 946 Literary Linguistics 5 20

QQ 956 Travellin’ Blues: Literature, Politics and

Displacement 5 20

QQ 962 Writing the Void: Desert Literature 5 20

QQ 963 Romanticism and the South West 5 20

Such other Level 5 classes chosen from other courses offered by the School of Humanities or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only

P3959Dissertation 5 60

Examination, Progress and Final Assessment

19.123.83 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the coursework together with the dissertation where undertaken.

Award

19.123.84 **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 P3959.

19.123.85 **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 course curriculum.

19.123.86 **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 course curriculum.

19.123.87 to

19.123.117 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

HEALTH HISTORY

MSc in Health History

Postgraduate Diploma in Health History

Postgraduate Certificate in Health History

The MSc, Postgraduate Diploma and Postgraduate Certificate in Health History are conferred jointly by the University of Strathclyde and Glasgow Caledonian University. The regulations are drawn up consequent upon a Collaborative Agreement, which has been approved by Senate. The University of Strathclyde is the administering University.

**Admissions**

19.123.118 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in History or a related discipline of a United Kingdom university; or

(ii) a qualification deemed by the Head of School acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of study**

19.123.119 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.123.120 The course is available by both full-time and part-time study.

**Curriculum**

19.123.121 All students shall undertake an approved curriculum, coming under the joint memorandum of agreement with Glasgow Caledonian University, as follows:

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits

Compulsory Classes Level Credits

Students must take the following 20 credit class

V1932 Research skills, sources and methods for 5 20

Historians

Optional Classes

Students must take a further 100 credits from the following

L5 501 Perspectives on social research 5 20

L2 905 Quantitative methods 5 20

L2 909 Qualitative methods 5 20

V1 910 Social Theory and Social History 5 20

V1 922 Work and Occupational Health in the Twentieth

Century 5 20

V1 929 Race, Ethnicity, and Health in 20th Century

America 5 20

V1 965 Palaeography, c.1500-c.1800 5 20

V1 971 Themes in the History of Health and Colonial

Medicine in South Asia 5 20

V1 972 Governing Highs and Health: History and the

Control of Drugs 5 20

V1 975 Pharmaceuticals, Ethics and Health 1800-1980 5 20

V1 979 Food And Health In The West During The C20 5 20

V1 981 Medicine and Warfare 1800-2000 5 20

V1 987 Advanced Oral History 5 20

V1 988 Gender, health and modern medicine 5 20

V1 991 Medicine, Health and the Moving Image 5 20

Such other Level 5 classes up to a maximum of 20 credits offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director

Students for the degree of MSc only

V1 919 Dissertation 5 60

**Examination, progress and final assessment**

19.123.122 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.123 Progress between semesters may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.123.124 The final assessment will be based on performance in all elements of the coursework and the dissertation.

**Award**

19.123.125 **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 22 900.

19.123.126 **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 classes of the course.

19.123.127 **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 classes of the course.

19.123.128 to

19.123.158 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

HISTORICAL STUDIES

MSc in Historical Studies

Postgraduate Diploma in Historical Studies

**Postgraduate Certificate in Historical Studies**

**Postgraduate Certificate in Social Research Methods**

Course regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admissions

19.123.159 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in History or a related discipline of 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.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

19.123.160 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.123.161 The course is available by both full-time and part-time study.

Curriculum

19.123.162 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits

Students taking the ESRC pathway to Doctoral level must take the following compulsory classes

Level Credits

L5 981 Perspectives on social research 5 20

L2 905 Quantitative methods 5 20

L2 909 Qualitative methods 5 20

Optional Classes

In addition they must take a further 60 credits from the following

V1 902 Nationalism and Nation-states in the Arab

Middle East: 1900-1945 5 20

V1 906 The Lordship of the Isles 5 20

V1 965 Palaeography, c.1500-c.1800 5 20

V1 966 Scotland and Ulster in the Early Modern North

Atlantic World 5 20

V1 912 Britain, France and the USA, 1945-1958:

Diplomacy, Strategy and Alliance 5 20

V1 961 Segregation, Migration and War: African

Americans 5 20

V1 968 Transatlantic Influences: The United States and

Europe after 1945 5 20

V1 920 Arab Societies in the Age of Nationalism:

1900-1945 5 20

V1 922 Work and Occupational Health in the Twentieth

Century 5 20

V1 929 Race, Ethnicity, and Health in 20th Century

America 5 20

V1 971 Themes in the History of Health and Colonial

Medicine in South Asia 5 20

V1 972 Governing Highs and Health: History and the

Control of Drugs 5 20

V1 973 The United States and Europe 1958-2001 5 20

V1 974 Nationalism and Nation-States in the Arab

Middle East 5 20

V1 975 Pharmaceuticals, Ethics and Health 1800-1980 5 20

V1 977 War, Sacrifice and the Nation in Europe, 1789-

1919 5 20

V1 979 Food and Health in the West During the

Twentieth Century 5 20

V1 981 Medicine and Warfare 1800-2000 5 20

V1 987 Advanced Oral History 5 20

V1 988 Gender, health and modern medicine 5 20

V1 989 Scotland and the Reformation 5 20

V1 932 Research skills, sources and methods for

Historians 5 20

V1 948 Major Themes in Twentieth-Century Canada 5 20

V1 943 Transnational Radicalism and the Irish World:

1845-1923 5 20

V1 990 The Working Man in Modern Britain: Gender,

Class and Health, 1800-2000 5 20

V1 991 Medicine, Health and the Moving Image 5 20

Students not taking the ESRC pathway to Doctoral level must take the following compulsory class

Level Credits

V1 932 Research skills, sources and methods for

Historians 5 20

Optional Classes

Students must take a further 100 credits from the following

L5 981 Perspectives on Social Research 5 20

L2 905 Quantitative methods 5 20

L2 909 Qualitative methods 5 20

V1 902 Nationalism and Nation-states in the Arab

Middle East: 1900-1945 5 20

V1 906 The Lordship of the Isles 5 20

V1 965 Palaeography, c.1500-c.1800 5 20

V1 966 Scotland and Ulster in the Early Modern North

Atlantic World 5 20

V1 912 Britain, France and the USA, 1945-1958:

Diplomacy, Strategy and Alliance 5 20

V1 961 Segregation, Migration and War: African

Americans 5 20

V1 965 Palaeography c.1500-c.1800 5 20

V1 968 Transatlantic Influences: The United States and

Europe after 1945 5 20

V1 920 Arab Societies in the Age of Nationalism:

1900-1945 5 20

V1 922 Work and Occupational Health in the Twentieth

Century 5 20

V1 971 Themes in the History of Health and Colonial

Medicine in South Asia 5 20

V1 972 Governing Highs and Health: History and the

Control of Drugs 5 20

V1 973 The United States and Europe 1958-2001 5 20

V1 974 Nationalism and Nation-States in the Arab

Middle East 5 20

V1 975 Pharmaceuticals, Ethics and Health 1800-1980 5 20

V1 977 War, Sacrifice and the Nation in Europe, 1789-

1919 5 20

V1 979 Food and Health in the West During the

Twentieth Century 5 20

V1 981 Medicine and Warfare 1800-2000 5 20

V1 987 Advanced Oral History 5 20

V1 988 Gender, health and modern medicine 5 20

V1 989 Scotland and the Reformation 5 20

V1 948 Major Themes in Twentieth-Century Canada 5 20

V1 943 Transnational Radicalism and the Irish World:

1845-1923 5 20

V1 990 The Working Man in Modern Britain: Gender,

Class and Health, 1800-2000 5 20

V1 929 Race, Ethnicity, and Health in 20th Century

America 5 20

V1 991 Medicine, Health and the Moving Image 5 20

Such other Level 5 classes up to a maximum of 20 credits as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

V1 919 Dissertation 5 60

Examination, progress and final assessment

19.123.163 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.164 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.123.165 The final assessment will be based on performance in all elements of the coursework and the dissertation.

Award

19.123.166 **Degree of MSc:** In order to quality 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 22 900.

19.123.167 **Postgraduate Diploma:** In order to quality for the award of the Postgraduate Diploma in Historical Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.123.168 **Postgraduate Certificate in Historical Studies**: In order to qualify for the award of the Postgraduate Certicate in Historical Studies, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course including V1 932 Research skills, sources and methods for

Historians.

19.123.169 **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 classes of the course including L5 501 Perspectives on Social Research, L2 905 Quantitative Methods and L2 909 Qualitative Methods

19.123.170 to

19.123.200 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

DIGITAL JOURNALISM

MLitt in Digital Journalism

Postgraduate Diploma in Digital Journalism

Postgraduate Certificate in Digital Journalism

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.123.201 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.123.202 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.123.203 The courses are available by full-time and part-time study.

Curriculum

19.123.204 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MLitt no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

P3 950 Producing Media 5 20

P3 954 Scots Law for Journalists 5 20

P3 955 Media Ethics 5 20

P3 958 Multimedia Journalism 5 20

P3 957 Entrepreneurial Journalism 5 20

Optional Classes

No fewer than 20 credits chosen from

L2 913 European Political Economy 5 20 L2 914 European Governance 5 20

L2 915 Contesting Global Governance 5 20

L2 916 Comparative Public Policy 5 20

P3 952 Journalism and Society 5 20

P3 968 Communication and Media Theory in an

International Context 5 20

P3 967 From Broadcast to Participation: a History of

Mediation 5 20

P3 970 Strategic Communication 5 20

P3 964 Digital Communication and Society 5 20

Such other Level 5 classes chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

Students for the degree of MLitt only

P3 928 Dissertation 5 60

or

P3 956 Production Dissertation 5 60

Examination, Progress and Final Assessment

19.123.205 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.206 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.123.207 **Degree of MLitt:** In order to qualify for the degree of MLitt 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 P3 928 or P3 956 .

19.123.208 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Digital Journalism, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.123.209 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Digital Journalism, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.123.210 to

19.123.240 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

BUSINESS TRANSLATION AND INTERPRETING

MSc in Business Translation and Interpreting

Postgraduate Diploma in Business Translation and Interpreting

Postgraduate Certificate in Business Translation and Interpreting

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.123.241 Notwithstanding Regulation 19.1.1, applicants shall

(i) possess 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 an overseas university with equivalent academic degree; or

(ii) possess a professional qualification deemed by the course leader to be equivalent to (i) above; or

(iii) be deemed by the course leader to have achieved an academic standard equivalent to (i) and (ii) above after successfully passed the timed translation task and oral interviews. In addition, applicants applying in terms of (iii) above should possess a strong interest in translation and interpreting profession and have good oral and written communication skills. Academic backgrounds are not necessarily in English or Translation. Knowledge in business and economics is desirable.

Duration of Study

19.123.242 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

19.123.243 The course is available by full-time study only.

Place of Study

19.123.244 In accordance with Regulation 19.1.8, some off-campus work may be required.

Curriculum

19.123.245 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation or a translation/interpreting project with self-reflectional commentary

Compulsory Classes Level Credits

R5 900 Professional Interpreting Practice 5 20

R5 902 Interpreting for Business and Commerce 5 20

R5 903 BusinessTranslation 5 20

R5 907 Translation and Interpreting Studies 5 20

Optional Classes

Choose 40 credits from the following classes

R5 901 Translation with Language Technology 5 20

R5 906 Text Typology and Translation 5 20

R5 908 Translating for the Travel and Tourism Sector 5 20

or any other class approved by the Course Leader

Students for the degree of MSc only

R5 904Dissertation/Translation Project 5 60

Examination, Progress and Final Assessment

19.123.246 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.247 The final assessment will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

19.123.248**Degree of MSc:** In order to qualify for the degree of MSc in Business 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.

19.123.249 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Translation and Interpreting, a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.123.250 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Diploma in Business Translation and Interpreting, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.123.251 to

19.123.281 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

**APPLIED GENDER STUDIES**

**MSc in Applied Gender Studies (Research methods)**

**MSc 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**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

19.123.282 **Admission**

Applicants should possess

(i) a first or upper second class Honours degree from a United Kingdom university, or

(ii) qualifications or professional experience deemed by the Head of Department acting on behalf of Senate to be the equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

19.123.283 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.123.284 **Mode of Study**

The course is available by full-time and part-time study.

19.123.285 **Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc, no fewer than 180 credits, including a dissertation

***Applied Gender Studies (Research methods)***

Compulsory Classes Level Credits

P3 973 Feminist Knowledge, Feminist Research 5 20

QQ 977 Advanced Topics in Gender Studies 5 20

L2 905 Quantitative methods 5 20

L2 909 Qualitative methods 5 20

L5 501 Perspectives on social research 5 20

Optional Classes

No fewer than 20 credits from

QQ 939 Research Skills in Literature, Culture and

Communication 5 20

V1 932 Research skills, sources and methods for

Historians 5 20

P3 974 Feminisms: Continuity and Change 5 20

P3 972 Gender Studies Research Placement 5 20

QQ 901 Transcultural Fandom and British Popular Culture 5 20

V1 988 Gender, Health and Modern Medicine 5 20

L2 965 Feminism and International Relations 5 20

X3 847 Diversity, Gender and Sexuality in Education 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the School of Humanities or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only will take one of the following options

QQ 980 Dissertation in Interdisciplinary English

Studies 5 60

V1 919 Dissertation 5 60

P3 928 Dissertation 5 60

P3 966 Media and Communication Dissertation 5 60

X7 819 Dissertation 5 60

X3 815 Dissertation 5 60

***Applied Gender Studies***

Compulsory Classes Level Credits

P3 973 Feminist Knowledge, Feminist Research 5 20

P3 974 Feminisms: Continuity and Change 5 20

P3 975 Understanding Gender 5 20

Optional Classes

No fewer than 60 credits chosen from

QQ 939 Research Skills in Literature, Culture and

Communication 5 20

V1 932 Research skills, sources and methods for

Historians 5 20

L5 501 Perspectives on social research 5 20

L2 905 Quantitative methods 5 20

L2 909 Qualitative methods 5 20

P3 972 Gender Studies Research Placement 5 20

QQ 977 Advanced Topics in Gender Studies 5 20

QQ 902 Global Queers: Travel Writing and

Sexual Politics 5 20

QQ 901 Transcultural Fandom and British

Popular Culture 5 20

V1 988 Gender, Health and Modern Medicine 5 20

V1 990 The Working Man in Modern Britain: Gender,

Class and Health, 1800-2000 5 20

L2 965 Feminism and International Relations 5 20

X3 847 Diversity, Gender and Sexuality in Education 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the School of Humanities or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only will take one of the following options

QQ 980 Dissertation in Interdisciplinary English

Studies 5 60

V1 919 Dissertation 5 60

P3 928 Dissertation 5 60

P3 966 Media and Communication Dissertation 5 60

X7 819 Dissertation 5 60

X3 815 Dissertation 5 60

19.123.286 **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.

19.123.287 **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 classes of the course.

19.123.288 **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 classes of the course.

19.123.289 to

19.123.319 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

INTERDISCIPLINARY ENGLISH STUDIES

**MLitt in Interdisciplinary English Studies**

**Postgraduate Diploma in Interdisciplinary English Studies**

**Postgraduate Certificate in Interdisciplinary English Studies**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.123.320 Regulations 19.1.1 to 19.1.3 shall apply.

Duration of Study

19.123.321 Regulations 19.1.5 and 19.1.6 shall apply.

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Place of Study

19.123.322 In accordance with Regulation 19.1.8, some off-campus work may be required.

Mode of Study

19.123.323 The courses are available by full-time study and by part-time study.

**Curriculum**

for the Postgraduate Certificate - no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MLitt – no fewer than 180 credits including a dissertation

19.123.324All students shall undertake an approved curriculum as follows:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | level | credits |
| QQ 986 | Research skills and methods in humanities | 5 | 20 |

Students for the degree of Postgraduate Certificate in addition will undertake two classes from the following list of optional classes.

Students for the degree of MSc and Postgraduate Diploma in addition will undertake five classes from the following list of optional classes. Students may choose freely from the available options, or may choose to focus primarily on classes from one of the three groups A, B and C listed below.

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 987 | Advanced Topics in Interdisciplinary English Studies | 5 | 20 |
| QQ 979 | English Studies Research Placement | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 976 | Introduction to Intercultural Communication | 5 | 20 |
| QQ 903 | Narrative processing across Languages and Cultures | 5 | 20 |
| QQ 988 | Contemporary Scottish Cultural Studies | 5 | 20 |
| QQ 990 | Making and Unmaking British Literature 1880-1950 | 5 | 20 |
| V1 995 | Exile, Memory and Literature in 20th Century Europe | 5 | 20 |
| QQ 989 | Children's Literature and the Four Nations | 5 | 20 |

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|  |  |  |  |
| --- | --- | --- | --- |
| QQ 902 | Global Queers: Travel Writing And Sexual Politics | 5 | 20 |
| QQ 901 | Transcultural Fandom and British Popular Culture | 5 | 20 |
| QQ 991 | Writers, Female Performers and Audiences in the Nineteenth Century | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| V1 990 | The Working Man in Modern Britain | 5 | 20 |
| QQ 984 | Civility in Early Modern Culture | 5 | 20 |
| QQ 985 | Visions of Suburbia | 5 | 20 |
| QQ 981 | Fleshy Histories: Meat Eating and Meat Avoidance, 1500 to the Present | 5 | 20 |
| QQ 982 | The Animal Turn in the Humanities | 5 | 20 |
| QQ 901 | Transcultural Fandom and British Popular Culture | 5 | 20 |
| QQ 903 | Narrative processing across Languages and Cultures | 5 | 20 |

Any such other Level 5 classes chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Leader for this course.

Students for the degree of MLitt only:

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 980 | Dissertation in Interdisciplinary English Studies | 5 | 60 |

Examination, Progress and Final Assessment

19.123.325 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.326 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.123.327 Degree of MLitt in Interdisciplinary English Studies: In order to qualify for the award of the degree of MLitt in Interdisciplinary English Studies the candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

19.123.328 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Interdisciplinary English Studies a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.123.329 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Interdisciplinary English Studies a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.123.330 to

19.123.331 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HUMANITIES

DIPLOMACY AND INTERNATIONAL SECURITY

MSc in Diplomacy and International Security with……

Postgraduate Diploma in Diplomacy and International Security

**Postgraduate Certificate in Diplomacy and International Security**

Course regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admissions

19.123.332 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or upper-second class Honours degree in History, Politics, Law, social sciences or a related discipline of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of study

19.123.333 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.123.334 The course is available by both full-time and part-time study.

Curriculum

19.123.335 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits

Students must take the following compulsory class

Level Credits

V1 993 Diplomacy: Evolution, Theory and Practice 5 20

**For the History pathway**

V1 932 Research skills, sources and methods for

Historians 5 20

V1 919 Dissertation (Students for the degree of MSc only) 5 60

**For the Politics pathway**

L2 941 Principles of Research Design 5 20

L2 933 Dissertation (Students for the degree of MSc only) 5 60

**For the Law pathway**

M9 930 Legal research 5 20

M9 812 Dissertation (Students for the degree of MSc only) 5 60

Optional Classes

No fewer than 80 credits to be chosen from the optional list below. At least 20 credits must be from each List A, List B and List C.

List A

L2 912 International Institutions and Regimes 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

L2 916 Comparative Public Policy 5 20

L2 963 Contemporary Security Challenges & Responses 5 20

L2 905 Quantitative methods

List B

M9 809 Conflict Resolution & the State 5 20

M9 862 International Migration Law 5 20

M9 989 Human Rights Protection in the UK 5 20

M9 990 International Human Rights Law5 20

M9 865 Terrorism and the Law

M8 913 International Investment Law &

Sustainable Development 5 20

M9 810 Mediation, Policy & the Law 5 20

M9 873 Oceans Governance & International Law 5 20

M9 939 Negotiation 5 20

List C

V1 902 Nationalism and Nation-states in the Arab

Middle East: 1900-1945 5 20

V1 912 Britain, France and the USA, 1945-1958:

Diplomacy, Strategy and Alliance 5 20

V1 968 Transatlantic Influences: The United States and

Europe after 1945 5 20

V1 994 Embassies in Crisis 5 20

Such other Level 5 classes 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 class and the Course Leader of the course on which the student is registered.

Examination, progress and final assessment

19.123.336 Regulations 19.1.25 – 19.1.33 shall apply.

19.123.337 The final assessment will be based on performance in all elements of the coursework and the dissertation.

Award

19.123.338 **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.

19.123.339 **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 taught classes of the course.

19.123.340 **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 taught classes of the course.

19.123.341 to

19.123.371 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

CONSTRUCTION LAW

LLM in Construction Law

Postgraduate Diploma in Construction Law

**Postgraduate Certificate in Construction Law**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study

19.128.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.3 The courses are available by full-time or part-time study.

Curriculum

19.128.4 All students shall undertake an approved curriculum as follows

for the postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

M9 965 The Law of the Construction Industry 5 20

M9 985 Law and Practice of Construction Management 5 20

M9 967 Dispute Resolution 5 20

Students for the Postgraduate Diploma and degree of LLM only

Compulsory Class

M9 930 Legal Research 5 20

and either of the following two modules dependent upon student circumstances:

For Candidates without a Law degree

M9 983 Legal Process and the Law of Contracts and other

Obligations 5 20

Or

For Candidates with a Law degree

M9902 The Context of Construction 5 20

Optional Classes

No fewer than 20 credits and no more than 40 credits chosen from

M9939 Negotiation 5 20

M9810 Mediation Policy and the Law 5 20

M9938 Mediation in Practice 5 20

M8902 Arbitration Law 5 20

Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the degree of LLM only

M9863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.6 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

19.128.7 **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 of which 60 must have been awarded in respect of the dissertation M9863.

19.128.8 **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 credits from the taught classes of the course.

19.128.9 **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 credits from the taught classes of the course.

19.128.10 to

19.128.40 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

INTERNET, LAW AND POLICY

LLM in Internet, Law and Policy

LLM in Internet, Law and Policy

Postgraduate Diploma in Internet, Law and Policy Postgraduate Certificate in Internet, Law and Policy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.41 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.43 The courses are available by full-time and part-time study and by distance learning.

19.128.44 Curriculum

All students on the attending pathway shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation

Optional Classes\* \*\*

M9 944 E-Commerce Law 5 20

M9 941 Intellectual Property Law 5 20

M9 907 Internet Governance 5 20

M9 859 Digital Copyright Law and Policymaking 5 20

M9 829 Privacy, Crime and Security 5 20

M9 975 Telecommunications Law 5 20

M9 808 International Intellectual Property 5 20

M9 950 Domain Name Regulation 5 20

M8 915 Cybercrime and Society 5 20

M9 868 Cybercrime and Society (DL) 5 20

M9 869 Intellectual Property Law (DL) 5 20

\*For students on the distance learning pathway regulation 19.1.17 will apply and not all optional classes will be available.

\*\* Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the Postgraduate Diploma and degree of LLM only

Compulsory Class

M9930: Legal Research 5 20

Students for the degree of LLM only

Compulsory Class

M9863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.45 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.46 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two

Award

19.128.47 **Degree of LLM:** In order to qualify for the award of LLM in Internet, Law and Policy, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation M9863.

19.128.48 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Internet, Law and Policy, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.128.49 **Postgraduate Certificate:** In order to qualify for the award of the Internet, Law and Policy, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.50 to

19.128.80 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

**INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS LAW**

**LLM in Information Technology and Telecommunications Law Postgraduate Diploma in Information Technology and Telecommunications Law**

**Postgraduate Certificate in Information Technology and**

**Telecommunications Law**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1].

**Admission**

19.128.81 Regulation 19.1.1 - 19.1.4 shall apply.

**Duration of Study**

19.128.82 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.128.83 The courses are available by full-time and part-time study and by distance learning.

**Curriculum**

19.128.84 All students on the attending pathway shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation

Compulsory Class

M9975: Telecommunications Law 5 20

Optional Classes\* \*\*

M9 944 E-Commerce Law 5 20

M9 941 Intellectual Property Law 5 20

M9 907 Internet Governance 5 20

M9 859 Digital Copyright Law and Policymaking 5 20

M9 829 Privacy, Crime and Security 5 20

M9 808 International Intellectual Property 5 20

M9 950 Domain Name Regulation 5 20

M8 915 Cybercrime and Society 5 20

M9 868 Cybercrime and Society (DL) 5 20

M9 869 Intellectual Property Law (DL) 5 20

\*For students on the distance learning pathway regulation 19.1.17 will apply and not all optional classes will be available.

\*\* Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the Postgraduate Diploma and degree of LLM only

Compulsory Class

M9 930 Legal Research 5 20

Students for degree of LLM only

Compulsory Class

M9 863 Dissertation (LLM) 5 60

**Examination, Progress and Final Assessment**

19.128.85 Regulations 19.1.18 and 19.1.19 shall apply.

19.128.86 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

**Award**

19.128.87 **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 of which 60 must have been awarded in respect of the dissertation M9863.

19.128.88 **Postgraduate Diploma:** 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 credits from the taught classes of the course.

19.128.89 **Postgraduate Certificate:** 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 classes of the course.

19.128.90 to

19.128.120 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

HUMAN RIGHTS LAW

LLM in Human Rights Law

Postgraduate Diploma in Human Rights Law

Postgraduate Certificate in Human Rights Law

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.121 Regulations 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.122 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.123 The courses are available by full-time or part-time study.

19.128.124 **Place of Study**

As permitted by Regulation 19.1.8, some off-campus work may be required.

Curriculum

19.128.125 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation or field dissertation, and the compulsory class

Compulsory class Level Credits

M9930 Legal Research 5 20

Law Core Options

Please select 80 credits from the list below

M9 990 International Human Rights Law 5 20

M9 986 European Human Rights Law 5 20

M9 989 Human Rights Protection in the UK 5 20

M9 862 International Migration Law 5 20

M9 922 Business and Human Rights 5 20

Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the degree of LLM only

Compulsory Class

M9930 Legal Research 5 20

And Either

M9 863 Dissertation (LLM) 5 60

Or

M9 849 Field Dissertation 5 60

Examination, Progress and Final Assessment

19.128.126

Regulations 19.1.25 – 19.1.33 shall apply.

19.128.127 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to Year Two.

Award

19.128.128 **Degree of LLM:** In order to qualify for the award of LLM in Human Rights Law, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation M9 863 or M9 849.

19.128.129 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Human Rights Law, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.128.130 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Human Rights Law, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.131 to

19.128.161 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

MEDIATION AND CONFLICT RESOLUTION

LLM in Mediation and Conflict Resolution

MSc in Mediation and Conflict Resolution

Postgraduate Diploma in Mediation and Conflict Resolution

Postgraduate Certificate in Mediation and Conflict Resolution

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.128.162 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.128.163 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.164 The course is available by both full time and part-time study.

Curriculum

19.128.165 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

M9 937 Theory and Principles of Conflict Resolution 5 20

M9 938 Mediation in Practice 5 20

Optional Classes

20 credits chosen from

M9 810 Mediation, Policy and the Law 5 20

M9 811 Employment Mediation 5 20

M9 939 Negotiation 5 20

M9 983 Legal Process and the Law of Contract and 5 20

Other Obligations

M8 902 Arbitration 5 20

M9 875 Advanced Mediation 5 20

Students for the Postgraduate Diploma and degrees of LLM and MSc in addition will undertake

Compulsory Class Level Credits

M9930 Legal Research 5 20

Optional Classes

Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the degree of LLM only

M9 863 Dissertation (LLM) 5 60

Students for the degree of MSc only

M9 812 Dissertation (MSc) 5 60

Examination, Progress and Final Assessment

19.128.166 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.167 **Progress of Part-time Students**

Part-time students for the degree of LLM, MSc or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

19.128.168 **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 from the course curriculum of which 60 credits must have been awarded in respect of the appropriate Dissertation M9 863 or M9 812 .

19.128.169 **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 credits from the course curriculum.

19.128. 170 **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 credits from the course curriculum.

19.128.171 to

19.128.201 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

PROFESSIONAL LEGAL PRACTICE

Postgraduate Diploma in Professional Legal Practice

19.128.202 Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

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).

Admission

19.128.203 Notwithstanding Regulation 19.1.1, applicants shall possess

1. an LLB of a Scottish university, or
2. a qualification deemed by the Course Director acting on behalf of Senate to be the equivalent to (i) above.

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).

19.128.204 In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.128.205 Notwithstanding Regulation 19.1.5 the duration of study will normally be 9 months for full time study with the expected duration of study to normally be 18 months for part-time study (attended as two periods of 9 months).

Mode of Study

19.128.206 The course is available by full-time and part-time study.

Curriculum

19.128.207 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

M9 801 Business and Financial Awareness 5 10

M9 802 Civil Litigation 5 10

M9 814 Personal Injury Claim Handling 5 10

M9 815 Professional Practice and Ethics 5 10

M9 817 Private Client 5 10

M9 819 Conveyancing 5 10

M9 820 Criminal Litigation 5 10

Optional Classes

No fewer than 50 credits chosen from

M9 800 Advanced Private Client 5 10

M9 803 Advanced Criminal Advocacy 5 10

M9 804 Commercial Conveyancing 5 10

M9 805 Company Law 5 10

M9 806 Commercial Contracts and IP 5 10

M9 807 Family Business 5 10

M9 813 Family Law 5 10

M9 816 Practical Public Administration 5 10

M9 818 Work-Based Learning in a Legal Environment 5 10

M9 817 Employment Law 5 10

M9 827 Business Accounting for Legal Professionals 5 10

M9 828 Mediation and Meditation Advocacy 5 10

M9 861 Tomorrow’s Legal Industry 5 10

Examination, Progress and Final Assessment

19.128.208 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.128.209 Progress to the second year of part-time study will be permitted if a student obtains at least 40 credits.

19.128.210 Notwithstanding Regulation 19.1.29, 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 class a maximum of two further attempts at passing the class. The attempt shall normally be made at the next available diet of examinations. The Board of Examiners may additionally require a student to reattend a class.

19.128.211 The final assessment will be based on performance in the examinations, and coursework.

Award

19.128.212 **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 course curriculum.

19.128.213

to 19.128.243 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

CRIMINAL JUSTICE & PENAL CHANGE

LLM in Criminal Justice & Penal Change

**MSc in Criminal Justice & Penal Change**

**Postgraduate Diploma in Criminal Justice & Penal Change**

**Postgraduate Certificate in Criminal Justice & Penal Change**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.128.244 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.128.245 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.128.246 The course is available by both part-time and full-time study.

**Curriculum**

19.128.247 All students shall undertake an approved curriculum as follows

For the Postgraduate Certificate no fewer than 60 credits

For the Postgraduate Diploma no fewer than 120 credits

For the LLM or MSc no fewer than 180 credits from the appropriate

pathway including a dissertation

Compulsory Classes Level Credits

M9 843 Justice and Penal Decision-Making 5 20

M9 845 Punishment and Processes of Penal

Change 5 20

Optional Classes

No fewer than 60 credits and no more than 80 credits including at least 40 credits from either List A (LLM pathway) or List B (MSc pathway)

**List A**

M9 838 Childhood and Crime 5 20

M9 842 Restorative Justice 5 20

M9 846 Homicide 5 20

**List B**

M9 840 Offender Supervision & Management 5 20

M9 842 Restorative Justice 5 20

M9 839 Surveillance, Technology and

Crime Control 5 20

Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the Postgraduate Diploma and degree of LLM or MSc only

M9930 Legal Research 5 20

Students for the degree of LLM only

M9 863 Dissertation (LLM) 5 60

Students for the degree of MSc only

M9 812 Dissertation (MSc) 5 60

**Examination, Progress and Final Assessment**

19.128.248 Regulations 19.1.25 to19.1.33 shall apply.

19.128.249 **Progress of Part-time Students**

Part-time students for the degree of LLM or MSc or Postgraduate Diploma shall normally require 40 credits to progress to year two.

**Award**

19.128.250 **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 60 credits in respect of the Dissertation M9 863 or M9 812.

19.128.251 **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 from the taught classes.

19.128.252 **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 classes.

19.128.253

to 19.128.283 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

PROFESSIONAL LEGAL PRACTICE

LLM in Professional Legal Practice

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.128.284 Notwithstanding Regulation 19.1.1, applicants for the LLM shall possess

1. a Postgraduate Diploma in Professional Legal Practice, or
2. a qualification deemed by the Course Director acting on behalf of Senate to be the equivalent to (i) above.

19.128.285 In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.128.286 Notwithstanding Regulations 19.1.5 and 19.1.6 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**

19.128.287 The LLM course is available by distance learning only.

**Curriculum**

19.128.288 All students shall undertake an approved curriculum as follows

Level Credits

M9 847 Legal Research (Professional Legal Practice) 5 20

M9 848 Dissertation in Professional Legal Practice 5 60

**Examination, Progress and Final Assessment**

19.128.289 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.128.290 Progress to the Dissertation on the LLM is dependent on a student successfully completing the class M9847 Legal Research.

19.128.291 Notwithstanding Regulation, 19.1.29, the Board of Examiners may exceptionally, in the light of their overall performance, permit a student who satisfies the attendance and performance requirements of the class M9847 Legal Research a maximum of one further attempt at passing the class. The attempt shall normally be made at the next available diet of examinations. The Board of Examiners may additionally require a student to reattend the class.

19.128.292 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

**Award**

19.128.293Degree 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 60 must have been awarded in respect of the dissertation M9 848 and 20 credits from the class M9847 Legal Research and the remainder of the credits will be awarded through credit transfer and recognition of prior learning.

19.128.294

to 19.128.324 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

LAW AND FINANCE

**LLM in Law and Finance**

**Postgraduate Diploma in Law and Finance**

**Postgraduate Certificate in Law and Finance**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1.]

**Admission**

19.128.325 Regulations 19.1.1 and 19.1.2, shall apply.

**Duration of Study**

19.128.326 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.128.327 The course is available by full-time study.

**Curriculum**

19.128.328 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including project M9 863

Compulsory Classes

M9 884 Financial Crime and Sanctions 5 20

M8 910 International Banking Law 5 20

M8 912 Financial Regulation and Compliance 5 20

M9 930 Legal Research 5 20

Optional Classes

No more than 40 credits chosen from

M9 852 Contemporary Employment Relations 5 20

M9 853 Labour Law in the Global Economy 5 20

M9 932 Comparative Company Law 5 20

M9 920 World Trade Law 5 20

M9 991 UK & EU Environmental Law 5 20

M9 921 International Environment Law 5 20

M8 909 Law of International Business 5 20

M8 913 International Investment Law 5 20

M9 944 E-Commerce 5 20

M8 902 Arbitration Law 5 20

M9 941 Intellectual Property Law 5 20

Or any other class as approved by the course director.

Students on LLM only

M9 863 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.128.329 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.330 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken.

**Award**

19.128.331 **Degree of LLM:** In order to qualify for the award of the degree of the LLM in Law 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 60 must have been awarded in respect of the project M9863.

19.128.332 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Law and Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.128.333 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Law and Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.334

to 19.128.364 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

GLOBAL ENVIRONMENTAL LAW AND GOVERNANCE

**LLM in Global Environmental Law and Governance**

**Postgraduate Diploma in Global Environmental Law and Governance**

**Postgraduate Certificate in Global Environmental Law and Governance**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.365 Regulations 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.366 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.367 The courses are available by full-time or part-time study.

Place of Study

19.128.368 As permitted by Regulation 19.1.8, some off-campus work may be required.

Curriculum

19.128.369 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including those for all the compulsory classes

for the degree of LLM no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

M9 921 International Environmental Law I 5 20

M9 871 International Environmental Law II 5 20

M9 867 Global Environmental Law 5 20

M9 930 Legal Research 5 20

Optional Classes

No fewer than 40 credits chosen from

M9 862 International Migration Law 5 20

M9 873 Oceans Governance and International Law 5 20  
M8 914 International Climate Change Law 5 20

CL 960 Fumdamentals of Environmental Forensics 5 10

CL 946 Global Water Policy 5 10

ME 927 Energy Resources and Policy 5 20

M9 864 Global Health, Rights and Development 5 20

M9 941 Intellectual Property Law 5 20

M9 922 Business and Human Rights 5 20

M9 920 The Law of the World Trade Organisation 5 20

M9 990 International Human Rights Law 5 20

M8 913 International Investment Law 5 20

M9 986 European Human Rights Law 5 20

Students for the degree of LLM only

M9 863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.370 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.371 **Progress of Part-time Students**

Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

19.128.372 **Degree of LLM:** 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 from the course curriculum of which 60 credits must have been awarded in respect of the appropriate Dissertation M9863.

19.128.373 **Postgraduate Diploma:** 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 classes.

19.128.374 **Postgraduate Certificate**: 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 classes.

19.128.375 to

19.128.405 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

INTERNATIONAL COMMERCIAL LAW

LLM in International Commercial Law

Postgraduate Diploma in International Commercial Law

Postgraduate Certificate in International Commercial Law

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.406 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.407 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.408 This course are available by full-time and part-time study.

19.128.409 Curriculum

All students on the attending pathway shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation

for the Postgraduate Certificate

Compulsory Classes

M9 920 Law of the World Trade Organisation 5 20

M8 908 The Law of International Business 5 20

Optional Classes \*\*

M9 922 Business and Human Rights 5 20  
M9 920 Law of the World Trade Organisation 5 20  
M9 853 Labour Law in the Global Economy 5 20

M9 941 Intellectual Property Law 5 20  
M9 944 E-Commerce 5 20  
M8 913 International Investment Law 5 20  
M8 908 The Law of International Business 5 20  
M8 910 International Banking Law 5 20  
M8 912 Financial Regulation and Compliance 5 20  
M9 932 Comparative Company Law 5 20  
M9 924 Comparative Law of Obligations 5 20  
M8 902 Arbitration Law 5 20  
M8 915 Cybercrime and Society 5 20

M9 868 Cybercrime and Society (DL) 5 20  
M9 923 Competition Law of the UK and EU 5 20  
M9 862 International Migration Law 5 20

M9 884 Financial Crime and Sanctions 5 20

\* Students who have previously studied Legal Aspects of International Trade (M9417) may, at the discretion of the Course Director, substitute M9920 for another 20 credit class within the Optional Classes list.

\*\* For students on the LLM or Postgraduate Diploma, any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered. Students on the PG Cert must choose their remaining 20 credits from the Optional Classes List above.

Students for the Postgraduate Diploma and degree of LLM only

Compulsory Class

M9 930 Legal Research 5 20

Students for the degree of LLM only

Compulsory Class

M9 863 Dissertation (LLM) 5 60

Or

M9 849 Field Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.410 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.411 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two

Award

19.128.412 **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 of which 60 must have been awarded in respect of the dissertation as appropriate.

19.128.413 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Commercial Law, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.128.414 **Postgraduate Certificate:** In order to qualify for the award of the International Commercial Law, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.415 to

19.128.445 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

LAW

LLM in Law

Postgraduate Diploma in Law

Postgraduate Certificate in Law

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.446 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.447 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.448 This course are available by full-time and part-time study.

19.128.449 Curriculum

All students on the attending pathway shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of LLM no fewer than 180 credits including a dissertation

Students on the Postgraduate Certificate must take 60 credits from List A.

Students on the Postgraduate Diploma and LLM must take 100 credits from List A.\*\*

**List A**

M9 944 E-Commerce 5 20

M9 945 Equality Law 5 20

M9 853 Labour Law In The Global Economy 5 20

M9 983 Legal Process And The Law Of Contracts

And Other Obligations 5 20

M9 975 Telecommunications Law (DL) 5 20

M9 902 The Context Of Construction 5 20

M9 922 Business And Human Rights 5 20

M9 923 Competition Law And Policy In The EU 5 20

M9 809 Conflict Resolution And The State 5 20

M9 970 Context Of Construction 5 20

M9 811 Employment Mediation 5 20

M8 908 Equity And Adaptation 5 20

M9 986 European Human Rights Law 5 20

M9 987 Human Rights And Immigration Legislation 5 20

M9 990 International Human Rights Law 5 20

M9 843 Justice And Penal Decision Making 5 20

M9 985 Law And Practice Of Construction Management 5 20

M9 931 Legal Process & The Law Of Contract &

Other Obligations 5 20

M9 938 Mediation In Practice 5 20

M9 845 Punishment & Processes Of Penal Change 5 20

M9 920 The World Trading System: Law And Policy 5 20

M9 877 Theory And Principles Of Conflict

Resolution (online) 5 20

M8 902 Arbitration Law 5 20

M9 838 Childhood And Crime 5 20

M9 932 Comparative Company Law And Regulation 5 20

M9 924 Comparative Law Of Obligations 5 20

M9 859 Digital Copyright Law And Policy-Making 5 20

M9 967 Dispute Resolution 5 20

M9 950 Domain Name Regulation (DL only) 5 20

M9 989 Human Rights Protection In The Uk 5 20

M9 808 International Intellectual Property 5 20

M9 907 Internet Governance (DL only) 5 20

M9 965 Law Of The Construction Industry 5 20

M9 810 Mediation, Policy And The Law 5 20

M9 939 Negotiation 5 20

M9 840 Offending Supervision And Management 5 20

M9 829 Privacy, Crime And Security 5 20

M9 842 Restorative Justice 5 20

M9 839 Surveillance, Technology And Crime Control 5 20

M9 862 International Migration Law 5 20

\*\* For students on the LLM or Postgraduate Diploma, may take any Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University and as approved by the Course Director offering the class and the Course Director of the course on which the student is registered in lieu of one of the classes listed in List A above.

Compulsory Classes for Postgraduate Diploma and LLM

M9 930 Legal Research 5 20

Students for the degree of LLM only

Compulsory Class

M9 863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.450 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.451 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two

Award

19.128.452 **Degree of LLM:** In order to qualify for the award of LLM in Law, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation as appropriate.

19.128.453 **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 classes of the course.

19.128.454 **Postgraduate Certificate:** In order to qualify for the award of the International Commercial Law, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.455 **Transfer between courses**: With the permission of the respective course leaders and subject to satisfying the curriculum requirements of the applicable course, students enrolled on the PGcert/PG Dip/LLM in Law may transfer onto one of the specialised LLM degrees listed at 19.128 to 19.128.250.

19.128.456 to

19.128.486 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

**LAW OF THE SEA, SUSTAINABLE DEVELOPMENT AND INTERNATIONAL LAW**

**LLM in Law of the Sea, Sustainable Development and International Law**

**Postgraduate Diploma in Law of the Sea, Sustainable Development and International Law**

**Postgraduate Certificate in Law of the Sea, Sustainable Development and International Law**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.487 Regulations 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.488 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.489 The courses are available by full-time or part-time study.

Place of Study

19.128.490 As permitted by Regulation 19.1.8, off-campus work will be required through distance learning modules for this course upon approval by Senate.

Curriculum

19.128.491 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits including those for all the compulsory classes

for the degree of LLM no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

M8 924 Oceans Governance and other areas

of International law 5 20

M8 923 Developments and Challenges in the Law of the

Sea 5 20

M8 922 International Dispute Resolution and Oceans

Governance 5 20

M8 921 Blue Growth & Maritime Law 5 20

M8 920 Fisheries Law & Sustainability 5 20

M8 919 The Protection of the Marine Environment 5 20

Students for the degree of LLM only

M9 863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.492 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.493 **Progress of Part-time Students**

Part-time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

Award

19.128.494 **Degree of LLM:** In order to qualify for the award of LLM in the Law of the Sea, Sustainable Development and International Law, a candidate must normally have accumulated no fewer than 180 credits from the course curriculum of which 60 credits must have been awarded in respect of the appropriate Dissertation.

19.128.495 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in the Law of the Sea, Sustainable Development and International Law, a candidate must have accumulated no fewer than 120 credits from the taught classes.

19.128.496 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in the Law of the Sea, Sustainable Development and International Law, a candidate must have accumulated no fewer than 60 credits from the taught classes.

19.128.497 to

19.128.527 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

LEGAL RESEARCH SKILLS AND METHODS

LLM in Legal Research Skills and Methods

MSc in Legal Research Skills and Methods

Postgraduate Diploma in Legal Research Skills and Methods

Postgraduate Certificate in Legal Research Skills and Methods

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1].

Admission

19.128.528 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.529 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.128.530 This course are available by full-time and part-time study.

19.128.531 Curriculum

All students on the attending pathway shall undertake an approved curriculum as follows

for the degree of LLM or MSc no fewer than 180 credits including a dissertation

for the degree of Postgraduate Diploma no fewer than 120 credits

for the degree of Postgraduate Certificate no fewer than 60 credits

Students must take 40 credits from the list of classes below

Level Credits

M8 917 Researching law using doctrinal and

philosophical approaches 5 20

M8 916 Researching law and society 5 20

M8 925 The Contexts of Criminal Justice Research 5 20

M8 926 Contemporary issues in criminology 5 20

Compulsory Classes for LLM or MSc

L5 981 Perspectives on social research 5 20

L2 905 Quantitative Methods: Survey

Methods 5 20

L2 909 Qualitative Methods 5

M8 918 Engaging with materials used 5 20

in legal research

M9 863 Dissertation (LLM) 60

M9 812 Dissertation (MSc) 60

Examination, Progress and Final Assessment

19.128.532 Regulations 19.1.25 – 19.1.33 shall apply.

19.128.533 **Progress of Part-time students**

Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two

Award

19.128.534 **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.

19.128.535 **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.

19.128.536 **Postgraduate Diploma in Legal Research Skills and Methods**, a candidate must have accumulated no fewer than 120 credits

19.128.537 **Postgraduate Certificate in Legal Research Skills and Methods**, a candidate must have accumulated no fewer than 60 credits

19.128.538 to

19.128.568 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF LAW

CLIMATE AND ENERGY LAW

LLM in Climate and Energy Law

Postgraduate Diploma in Climate and Energy Law

Postgraduate Certificate in Climate and Energy Law

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.128.569 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.128.570 Distance Learning with a duration between one and two years.

Mode of Study

19.128.571 The course is available by distance learning study.

Curriculum

19.128.572 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

M9 878 Climate, Energy and International Law 5 20

M9 882 Comparative Climate and Energy Law 5 20

Optional Classes

No fewer than 60 credits chosen from

M9 883 Climate and Energy Finance 5 20

M9 881 Sustainable Energy Governance 5 20

M9 879 Climate, Energy and Litigation 5 20

M9 880 Climate, Energy and the Global Economy 5 20

Students for the Postgraduate Diploma and degree of LLM in addition will undertake

Compulsory Class Level Credits

M9 930 Research Methods 5 20

Students for the degree of LLM only

M9 863 Dissertation (LLM) 5 60

Examination, Progress and Final Assessment

19.128.573 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide

Award

19.128.574 **Degree of LLM**: In order to qualify for the award of the degree of LLM in Climate and Energy Law, a candidate must normally have accumulated no fewer than 180 credits from the course curriculum of which 60 must have been awarded in respect of the Dissertation.

19.128.575 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Climate and Energy Law, a candidate must normally have accumulated no fewer than 60 credits from the course curriculum.

19.128.576 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Climate and Energy Law, a candidate must normally have accumulated no fewer than 60 credits from the course curriculum.

19.128.577 to

19.128.607 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

**INTERNATIONAL RELATIONS, LAW AND SECURITY**

**LLM in International Relations, Law and Security**

**MSc in International Relations, Law and Security**

**Postgraduate Diploma in International Relations, Law and Security**

**Postgraduate Certificate in International Relations, Law and Security**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1].

**Admission**

19.130.1 Regulations 19.1.1 to 19.1.4 shall apply.

**Duration of Study**

19.130.2 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.130.3 The courses are available by full-time or part-time study.

**Curriculum**

19.130.4 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc/LLM no fewer than 180 credits

Compulsory Classes Level Credits

L2 963 Contemporary Security Challenges and

Responses 5 20

And either

MSc

L2 941 Principles of Research Design 5 20

Or

LLM

M9 930 Legal Research 5 20

In addition students will undertake a further 20 credits from List B.

Optional Classes

No fewer than 60 credits to be chosen from the optional list below. At least 20 credits must be from List A

Optional Classes Level Credit

**List A – School of Law**

M9 986 European Human Rights Law 5 20

M9 989 Human Rights Protection in the UK 5 20

M9 990 International Human Rights 5 20

M9 865 Terrorism and the Law 5 20

M9 862 International Migration Law 5 20

M9 857 Climate Change And International Law 5 20

M9 829 Privacy, Crime And Security 5 20

M9 839 Surveillance, Technology and Crime Control 5 20

**List B – School of Government and Public Policy**

L2 962 Contemporary International Relations 5 20

L2 916 Comparative Public Policy 5 20

L2 912 International Institutions and Regimes 5 20

L2 905 Quantitative Methods 1 5 20

L2 909 Qualitative Methods 5 20

Any such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Course Director offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L2 933 Dissertation 5 60

Students for the degree of LLM only

M9 863 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.130.5 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.6 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

**Award**

19.130.7 **Degree of LLM:** In order to qualify for the award of LLM in International Relations, Law and Security, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the M9 863 dissertation.

19.130.8 **Degree of MSc:** In order to qualify for the award of MSc in International Relations, Law and Security, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the L2 933 Dissertation.

19.130.9 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Relations, Law and Security, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course including the two compulsory classes.

19.130.10 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Relations, Law and Security, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course including the compulsory class L2963 Contemporary Security Challenges and Responses.

19.130.11 to

19.130.41 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

PUBLIC POLICY

MSc in Public Policy

Postgraduate Diploma in Public Policy

Postgraduate Certificate in Public Policy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.130.42 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.43 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.130.44 The courses are available by full-time and part-time study.

Curriculum

19.130.45 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes\* Level Credits

L2 916 Comparative Public Policy 5 20

L2 917 Policy Analysis 5 20

*and two of the following*

L2 909 Qualitative Methods 5 20

L2 941 Principles of Research Design 5 20

L2 905 Quantitative Methods 1 5 20

L2 908 Quantitative Methods 2 5 20

Optional Classes

No fewer than 40 credits chosen from

L2 912 International Institutions and Regimes 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

L2 909 Qualitiative Methods\* 5 20

L2 941 Principles of Research Design\* 5 20

L2 905 Quantitative Methods 1\* 5 20

L2 908 Quantitative Methods 2\* 5 20

*\* if not taken as core*

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L2 933 Dissertation 5 60

Examination, Progress and Final Assessment

19.130.46 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.47 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.48 The final assessment will be based on performance in all elements of the coursework an the dissertation.

Award

19.130.49 **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 L2 933.

19.130.50 **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 classes of the course curriculum.

19.130.51 **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 course curriculum.

19.130.52 to

19.130.82 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

POLITICAL RESEARCH

MSc in Political Research

Postgraduate Diploma in Political Research

Postgraduate Certificate in Political Research

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.130.83 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.84 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.130.85 The courses are available by full-time and part-time study.

Curriculum

19.130.86 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L5 981 Perspectives on Social Research 5 20

L2 905 Quantitative Methods Survey Methods 5 20

L2 908 Quantitative Methods Statistics and Analysis 5 20

L2 909 Qualitative Methods 5 20

Optional Classes

No fewer than 40 credits chosen from

L2 912 International Institutions and Regimes 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

L2 916 Comparative Public Policy 5 20

L2 917 Policy Analysis 5 20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L2 933 Dissertation 5 60

Examination, Progress and Final Assessment

19.130.87 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.88 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.89 The final assessment will be based on performance in the examinations, the coursework and the dissertation.

Award

19.130.90 **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 L2 933.

19.130.91 **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 classes of the course curriculum.

19.130.92 **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 course curriculum.

19.130.93 to

19.130.123 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

**INTERNATIONAL RELATIONS**

**MSc International Relations**

**Postgraduate Diploma International Relations**

**Postgraduate Certificate International Relations**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.130.124 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.125 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.130.126 The course is available by full-time and part-time study.

Curriculum

19.130.127 All full-time students shall undertake an approved curriculum as follows

for the Postgraduate Certificate - no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L2 912 International Institutions and Regimes 5 20

L2 941 Principles of Research Design 5 20

L2 962 Contemporary International Relations 5 20

L2 964 Debating International Relations Theory 5 20

Optional Classes

No fewer than 40 credits chosen from

L2 905 Quantitative Methods I 5 20  
L2 908 Quantitative Methods II 5 20

L2 909 Qualitative Methods 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

L2 916 Comparative Public Policy 5 20

L2 917 Policy Analysis 5 20

L2 965 Feminism and International Relations 5 20

M9 920 Law of the World Trade Organisations 5 20

M9 921 International Environmental Law 5 20

M9 864 Global Health, Rights and Development 5 20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

For the degree of MSc no fewer than 180 credits including a dissertation

Upon successful completion of the taught element

L2933 Dissertation 5 60

Examination, Progress and Final Assessment

19.130.128 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.129 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.130 The final assessment will be based on performance in the examinations, the coursework and the dissertation.

Award

19.130.131 **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 the dissertation L2933.

19.130.132 **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 classes of the course curriculum.

19.130.133 **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 classes of the course curriculum.

19.130.134 to

19.130.164 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

EUROPEAN POLITICS

MSc in European Politics

Postgraduate Diploma in European Politics

Postgraduate Certificate in European Politics

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.130.165 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.166 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.130.167 The courses are available by full-time and part-time study.

Curriculum

19.130.168 All students shall undertake an approved curriculum as follows

For the Postgraduate Certificate no fewer than 60 credits

For the Postgraduate Diploma no fewer than 120 credits

For the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes~~\*~~ Level Credits

L2 941 Principles of Research Design 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

*and one of the following*

L2 909 Qualitative Methods 5 20

L2 905 Quantitative Methods: Survey Methods 5 20

Students Must Designate 40 Credits Chosen from Classes Listed Below as Optional

L2 912 International Institutions and Regimes 5 20

L2 909 Qualitative Methods\* 5 20

L2 964 Debating International Relations Theory 5 20

L2 905 Quantitative Methods: Survey Methods\* 5 20

L2 908 Quantitative Methods: Statistics and Analysis 5 20

L2 962 Contemporary International Relations 5 20

L2 916 Comparative Public Policy 5 20

L2 917 Policy Analysis 5 20

L2 963 Contemporary Security Challenges 5 20

L2 965 Feminism and International Relations 5 20

*\* if not taken as required methods module*

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L2 933 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.130.169 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.170 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.171 The final assessment will be based on performance in all elements of the coursework and the dissertation.

**Award**

19.130.172 **Degree of MSc**: In order to qualify for the award of the degree of MSc in European Politics, 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.

19.130.173 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in European Politics, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.

19.130.174 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in European Politics, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.130.175 to

19.130.205 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

POLITICS

MSc in Politics

Postgraduate Diploma in Politics

Postgraduate Certificate in Politics

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.130.206 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.207 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.130.208 The courses are available by full-time and part-time study.

Curriculum

19.130.209 All students shall undertake an approved curriculum as follows

For the Postgraduate Certificate no fewer than 60 credits

For the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes\* Level Credits

L2 941 Principles of Research Design 5 20

*and one of the following*

L2 909 Qualitative Methods 5 20

L2 905 Quantitative Methods: Survey Methods 5 20

Students must choose 80 credits from the classes below

L2 912 International Institutions and Regimes 5 20

L2 913 European Political Economy 5 20

L2 914 European Governance 5 20

L2 909 Qualitiative Methods\* 5 20

L2 964 Debating International Relations Theory 5 20

L2 905 Quantitative Methods: Survey Methods\* 5 20

L2 908 Quantitative Methods: Statistics and Analysis 5 20

L2 962 Contemporary International Relations 5 20

L2 916 Comparative Public Policy 5 20

L2 917 Policy Analysis 5 20

L2 963 Contemporary Security Challenges 5 20

L2 965 Feminism and International Relations 5 20

*\* if not taken as required methods module*

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L2 933 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.130.210 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.211 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.212 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

**Award**

19.130.213 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Politics, 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.

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

19.130.215 **Postgraduate Certificate:** In order to qualify for the award of the

Postgraduate Certificate in Politics, a

candidate must have accumulated no fewer than 60 credits

from the course curriculum.

19.130.216 to

19.130.246 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

**PUBLIC ADMINISTRATION**

**MPA in Public Administration**

**MSc Data Science for Politics and Policy Making**

**Postgraduate Diploma in Data Science for Politics and Policy Making**

**Postgraduate Certificate in Data Science for Politics and Policy Making**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.130.247 Admission

Regulations 19.1.1 and 19.1.2 shall apply

19.130.248 Duration of Study

Regulations 19.1.5 shall apply.

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows

MPA by full-time study 12 months

Masters by full-time study 12 months

PG Diploma in Data Science for Politics

and Policy Making by full-time study 9 months

PG Certificate in Data Science for Politics

and Policy Making By full-time study 6 months

*For part-time study*

MPA by part-time study 24 months elapsed time

Masters by part-time study 24 months elapsed time

PG Diploma in Data Science for Politics

and Policy Making by part-time study 18 months elapsed time

PG Certificate in Data Science for Politics

and Policy Making by part-time study 12 months elapsed time

19.130.249 Mode of Study

The MPA/MSc course is available by full-time and part time study. Students pursing the MPA part-time should be aware of the expectation of the period of intensive study in the late spring/early summer that all MPA students must undertake.

19.130.250 **Curriculum**

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate in Data Science

for Politics and Policy Making no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including the dissertation

for the degree of MPA no fewer than 180 credits including the applied leadership programmet

Compulsory Classes Level Credits

L2 909 Qualitative Methods 5 20

CS 978 Legal, Ethical and Professional Issues for the

Information Society 5 10

CS 982 Big Data Technologies 5 20

CS 990 Database Fundamentals 5 10

CS 985 Machine Learning for Data Analytics 5 20

**For the MPA**

L2 901 Applied Leadership Programme 5 60

**For the MSc**

L2 933 Dissertation 5 60

Optional Classes

L5501 Perspectives on Social Research 5 20

OR

L2941 Principles of Research Design 5 20

L2955 Public Policy 5 20\*

OR

L5976 Welfare Concepts and Ideas 5 20\*

\* Schools and Departments within HaSS or Strathclyde Business School may substitute another policy-oriented class to tailor the MSc or MPA course to a specific policy area

19.130.251 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the written examinations and the coursework.

**Award**

19.130.252 **Degree of MPA**: In order to qualify for the award of the degree of MPA in Public Administration, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Applied Leadership Programme.

19.130.253 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Data Science for Politics and Policy Making, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation.

19.130.254 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Data Science for Politics and Policy Making, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.130.255 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Data Science for Politics and Policy Making, a candidate must have accumulated no fewer than 60 credits.

19.130.256 to

19.130.286 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

APPLIED PUBLIC POLICY

MSc in Applied Public Policy

Postgraduate Diploma in Applied Public Policy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.130.287 Notwithstanding Regulation 19.1.1, applicants shall normally possess

(i) a first or second class Honours degree in Social Science of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.130.288 Pursuant to regulation 19.1.4, the School of Government and Public Policy will offer a credit transfer 80 credits if successfully completed at Koc University and only through this approved articulation route. The period of study in residence at Strathclyde will not exceed 6 months of the 12 month degree programme.

Mode of Study

19.130.289 The courses are available by full-time study only.

Place of Study

19.130.290 All students shall undertake one semester of study at Koç and another semester at Strathclyde.

**Curriculum**

19.130.291 All students shall undertake an approved curriculum as follows:

**Compulsory classes**

Level Credits

L2 916 Comparative Public Policy 5 20

And either

L2 908 Quantitative Methods II 5 20

*Or*

L2 909 Qualitative Methods 5 20

**Optional classes**

One 20 credit class from the following list:

L2 914 European Governance 5 20

L2 912 International Institutions and Regimes 5 20

L2 965 Feminism and International Relations 5 20

L2 962 Contemporary International Relations 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other classes offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of School offering the class and the Course Director.

Students for the degree of MSc only

L2 966 Academic Policy Related Paper 5 40

**Examination, Progress and Final Assessment**

19.130.292 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.293 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.294 The final assessment will be based on performance in all elements of the coursework, the policy related paper and, if required, in an oral examination.

**Award**

19.130.295 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Applied Public Policy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits.

19.130.296 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Public Policy, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.

19.130.297 to

19.130.337 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF GOVERNMENT AND PUBLIC POLICY

**GLOBAL SUSTAINABLE CITIES**

**MSc in Global Sustainable Cities**

**Postgraduate Diploma in Global Sustainable Cities**

**Postgraduate Certificate in Global Sustainable Cities**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.130.338 Notwithstanding Regulation 19.1.1 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 Course Director acting on behalf of Senate to be equivalent to the above: or

1. demonstrated competence in a relevant discipline obtained at a level of performance acceptable to the Course Director.

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**

19.130.339 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.130.340 The courses are available by full-time and part-time study.

**Curriculum**

19.130.341 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the compulsory classes

for the Postgraduate Diploma no fewer than 120 credits including all the compulsory classes

for the degree of MSc no fewer than 180 credits, including the project.

|  |  |  |  |
| --- | --- | --- | --- |
| Compulsory Classes | | Level | Credits |
|  | |  |  |
| L2967 | City Systems and Infrastructure | 5 | 10 |
| L2968 | Global cities: society and sustainability | 5 | 10 |
| L2972 | Understanding and modelling Cities | 5 | 10 |
| L2971 | Business Models, Financing and Urban Business Case Analysis | 5 | 10 |
| L2970 | Public Policy, Governance and Strategic Change in Cities | 5 | 10 |
| L2969 | Leadership Skills for Urban Change | 5 | 20 |
| AB939 | Urban Theory | 5 | 10 |

Optional Classes

40 credits from such other classes as approved by the Course Director.

Students for the degree of MSc only

|  |  |  |  |
| --- | --- | --- | --- |
| L2973 | Transformative Projects | 5 | 60 |

**Examination, Progress and Final Assessment**

19.130.342 Regulations 19.1.25 – 19.1.33 shall apply.

19.130.343 The final assessment will be based on performance in the examinations, the coursework and the project reports where undertaken.

**Award**

19.130.344 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Global Sustainable Cities, 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 L2973.

19.130.345 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Sustainable Cities a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.130.346 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Global Sustainable Cities, a candidate must have accumulated no fewer than 60 credits from the taught compulsory classes of the course.

19.130.347 to

19.130.377 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

EDUCATIONAL PSYCHOLOGY

MSc in Educational Psychology

Course Regulations

[These regulations are to be read in conjunction with Regulation 20.1]

Admission

19.132.1 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or upper second class Honours degree in Psychology of a United Kingdom university; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration

19.132.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.132.3 The course is available by full-time study only and is offered over six consecutive school terms.

Curriculum

19.132.4 Notwithstanding Regulation 19.1.12, all students shall undertake an approved curriculum as follows

for the Postgraduate Certificate in Applied Psychology no fewer than 60 credits

for the Postgraduate Diploma in Applied Psychology no fewer than 120 credits

for the degree of MSc in Applied Psychology no fewer than 180 credits

for the degree of MSc in Educational Psychology no fewer than 360 credits

**First Year**

Compulsory Classes Level Credits

C8 976 Frameworks for Professional Practice I 5 15

C8 972 Development in Context I 5 15 C8 970 Facilitating Change: Assessment and

Intervention I 5 30

C8 968 Effective Communication and Interpersonal

Skills I 5 15

C8 966 Research and Evaluation I 5 15

C8 964 Professional Practice: Communication I 5 15

C8 962 Professional Practice: Service Delivery I 5 15

C8 974 Professional Practice: Self-Management

and Organisational Skill I 5 15

C8 978 Professional Practice: Short Placements 5 15

C8 960 Professional Practice: Reflective Practice I 5 30

**Second Year**

Compulsory Classes

C8 977 Frameworks for Professional Practice II 5 15

C8 973 Development in Context II 5 15

C8 971 Facilitating Change: Assessment and

Intervention II 5 30

C8 969 Effective Communication and Interpersonal

Skills II 5 15

C8 967 Research and Evaluation II 5 15

C8 965 Professional Practice: Communication II 5 15

C8 963 Professional Practice: Service Delivery II 5 15

C8 975 Professional Practice: Self-Management and

Organisational Skill II 5 15

C8961 Professional Practice: Reflective Practice II 5 30

C8979 Professional Practice: Matrix Pieces 5 15

Examination, Progress and Final Assessment

19.132.5 Students are required to perform to the satisfaction of the Board of Examiners in the course work and in the Professional Practice.

19.132.6 Students who fail to satisfy the examiners in respect of any submitted written work while judged to be satisfactory in the practical work shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

19.132.7 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

19.132.8 The final assessment will be based on performance in all elements of the coursework and the Professional Practice.

**Award**

19.132.9 **Degree of MSc in Educational Psychology:** In order to qualify for the award of the degree of MSc in Educational Psychology a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 360 credits of which 180 credits must have been awarded in respect of Professional Practice.

19.132.10 **Degree of MSc in Applied Psychology**: In order to qualify for the award of the degree of MSc in Applied 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 90 credits must have been awarded in respect of Professional Practice.

19.132.11 **Postgraduate Diploma in Applied Psychology**:  In order to qualify for the award of the Postgraduate Diploma in Applied Psychology, a candidate must have accumulated no fewer than 120 credits of which 30 credits must have been awarded in respect of Professional Practice.

19.132.12 **Postgraduate Certificate in Applied Psychology**:  In order to qualify for the award of the Postgraduate Certificate in Applied Psychology, a candidate must have accumulated no fewer than 90 credits from the taught classes of the course.

19.132.13

to 19.132.43 (Numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

RESEARCH METHODS IN PSYCHOLOGY

MSc 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

**Course Regulations**

[These regulations are to be read in conjunction with Regulations 19.1]

**Admission**

19.132.44 Notwithstanding Regulation 19.1.1 & 19.1.2 , applicants shall possess

(i) a first or upper second class Honours degree in Psychology of a United Kingdom university; or

1. a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.132.45 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.132.46 The course is available by full-time study only.

19.132.47 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits

Students taking the ESRC pathway to Doctoral level must take the following compulsory Classes

Level Credits

C8 939 Quantitative Research Methods 5 20

C8 985 Qualitative Research Methods 5 20 L5 501 Perspectives on Social Research 5 20

C8 928 Research Design 5 60

C8 986 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.132.48 Regulations 19.1.52 to 19.31.33 shall apply.

19.132.49 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

**Award**

19.132.50 **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 C8 986.

19.132.51 **Postgraduate** **Diploma of 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 classes of the course.

19.132.52 **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 classes of the course.

19.132.53 **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 classes of the course including C8 939 Quantitative Research Methods, C8 985 Qualitative Research Methods, and L5 501 Perspectives on Social Research.

19.132.54 to

19.132.84 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

CLINICAL HEALTH PSYCHOLOGY

**MSc Clinical Health Psychology**

**Postgraduate Diploma Clinical Health Psychology**

**Postgraduate Certificate Clinical Health Psychology**

**Course Regulations**

[These regulations are to be read in conjunction with Regulations

19.1] 19.132.49

19.132.85 **Admission**

Notwithstanding Regulation 19.1.1 & 19.1.2, candidates shall possess

1. a first or upper second class Honours degree in Psychology of 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.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.132.86 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.132.87 The course is available by full-time or part-time study only.

**Curriculum**

19.132.88 All students studying shall undertake an approved curriculum

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

C8 985 Qualitative Research Methods 5 20

C8 939 Quantitative Research Methods 5 20

C8 954 Health Psychology related to Medical Conditions 5 20

C8 953 Clinical Psychology related to Medical Conditions 5 20

C8 955 Neuro Psychology related to Medical Conditions 5 20

C8 959 Professional Practice and Placement 5 20

For the Degree of MSc only

C8 957 Dissertation 5 60

**Examination, Progress and Final Assessment**

19.132.89 Regulations 19.1.52 to 19.31.33 shall apply.

19.132.90 The final assessment will be based on performance in all elements of

the coursework and the dissertation where undertaken.

**Award**

19.132.91 **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 C8 957.

19.132.92 **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 classes of the course curriculum.

19.132.93 **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 classes of the course curriculum.

19.132.94

to 19.132.124 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

**PSYCHOLOGY WITH A SPECIALISATION**

**MSc Psychology with a specialisation in \***

**Postgraduate Diploma Psychology with a specialisation in \* Postgraduate Certificate Psychology with a specialisation in \***

**Specialisations**

**\*Business**

**\* Clinical and Health**

**Course Regulations**

[These regulations are to be read in conjunction with Regulations

19.1]

19.132.125 **Admission**

Notwithstanding Regulation 19.1.1 & 19.1.2, candidates shall possess

1. a first or upper second class Honours degree in any subject from a United Kingdom university; or
2. A Masters degree from a UK university; or
3. An undergraduate psychology degree of at least a lower second award which does not confer GBC; or

(iv) a qualification deemed by the Head of School or nominee acting on behalf of Senate to be equivalent to (i) or (ii) above.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.132.126 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.132.127 The course is available by full-time or part-time study only.

**Mode of Delivery**

19.132.128 The course is available by distance learning only.

**Curriculum**

19.132.129 for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

C8 982 Research Design and Analyses in Psychology 5 20

C8 984 Psychobiology and Cognitive Psychology 5 20

C8 981 Social and Developmental Psychology 5 20

C8 980 Conceptual and Historical Issues in Psychology

and Individual Differences 5 20

For Specialisation in Business

HR 954 Organisational Psychology 5 10

HR 955 Leadership in Organisations 5 10

HR 956 Psychometrics in Organisations 5 10

MS 962 Foundations of Risk 5 10

For Specialisation in Clinical and Health

C8987 Psychology and Health 5 20

C8988 Clinical Psychology 5 20

For the degree of MSc only

C8 983 Empirical Project 5 60

**Curriculum (Part-time Study)**

19.132.130 Students studying on a part-time basis will normally take classes amounting

to at least 90 credits in each year.

**Examination, Progress and Final Assessment**

19.132.131 Regulations 19.1.25 to 19.1.33 shall apply.

19.132.132 The final assessment will be based on performance in all elements of

the coursework and the dissertation.

**Award**

19.132.133 **Degree of MSc**: In order to qualify for the award of the degree of MSc Psychology with a specialisation in \* 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 C8 983.

19.132.134 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Psychology with a specialisation in \* a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.

19.132.135 **Postgraduate Certificate**: In order to qualify for the award of Postgraduate Certificate in Psychology with a specialisation in \* a candidate must have accumulated no fewer than 60 credits from the taught classes of the course curriculum.

19.132.136

to 19.132.166 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

**PHYSICAL ACTIVITY IN NCD PREVENTION AND CONTROL**

MSc 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**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.132.167 **Admission**

Regulations 19.1.1 to 19.1.4 shall apply.

Duration of Study

19.132.168 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.132.169 The course is available by full-time study only.

Curriculum

19.132.170 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a project

Compulsory Classes Level Credits

B1 908 Introduction to Physical Activity for Health 5 20

C8 393 Quantitative Research Methods 5 20

B1 907 Mind, Body, and Physical Activity 5 20

B1 909 Contemporary Debates in Physical Activity for

Health 5 20

B1 911 Physical Activity and Mental Health 5 20

B1 910 Physical Activity with Specialist Population

Groups 5 20

For the degree of MSc only

B1 912 Research Project in Physical Activity for Health 5 60

Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

19.132.171 The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

Award

19.132.172 **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.

19.132.173 **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 classes of the course.

19.132.174 **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 classes of the course.

19.132.175

to 19.132.205 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

COUNSELLING AND PSYCHOTHERAPY

MSc in Counselling and Psychotherapy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.132.206 Admission

Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will be normally required to have a COSCA Certificate in Counselling Skills or the equivalent.

Duration of Study

19.132.207 Regulations 19.1.5 and 19.1.6 shall apply

Place of Study

19.132.208 As permitted by Regulation 19.1.8

Mode of Study

19.132.209 The course in Counselling and Psychotherapy is available by full-time study only.

**Curriculum**

19.132.210All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

B9 903 The Therapeutic Relationship 5 20

B9 904 Therapeutic Process 5 20

B9 907 Personality Theory 5 20

B9 906 Counselling Case Formulation 5 20

B9 902 Counselling Practicum 5 20

B9 908 Personal and Professional Development 5 20

B9 901 Counselling Research Dissertation 5 60

Examination, Progress and Final Assessment

19.132.211 Regulations 19.1.25 – 19.1.33 shall apply.

19.132.212 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.132.213 **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.

19.132.214 **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 .

19.132.215 **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.

19.132.216 to

19.132.246 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

COUNSELLING

MSc in Counselling

Postgraduate Diploma in Counselling

Postgraduate Certificate in Counselling

Postgraduate Diploma in Counselling and Psychotherapy

Postgraduate Certificate in Counselling and Psychotherapy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

19.132.247 Admission

Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

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 Postgraduate Diploma. Progress to the next level of study is normally dependent on performance (see Regulation 19.125.6).

Duration of Study

19.132.248 Regulations 19.1.5 and 19.1.6 shall apply

Place of Study

19.132.249 As permitted by Regulation 19.1.8

Mode of Study

19.132.250 The courses in Counselling and Counselling and Psychotherapy, may be undertaken by full-time or part-time study and by distance learning.

**Curriculum**

19.132.251All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

B9 980 The Therapeutic Relationship 5 20

B9 981 Therapeutic Process 5 20

B9 982 Personality Theory 5 20

B9 983 Counselling Case Analysis 5 20

B9 984 Counselling Practicum 5 20

B9 985 Personal and Professional Development 5 20

Students for the degree of MSc only

B9 991 Research Methods and Ethics Proposal 5 20

B9 992 Research Dissertation 5 20

B9 993 Advanced Professional Development in

Counselling 5 20

Examination, Progress and Final Assessment

19.132.252 Regulations 19.1.25 – 19.1.33 shall apply.

19.132.253 The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

Award

19.132.254 **Degree of MSc in Counselling:** In order to qualify for the award of the degree of MSc in Counselling 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 or the research projects .

19.132.255 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Counselling or the Postgraduate Diploma in Counselling and Psychotherapy a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.132.256 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Counselling or Postgraduate Certificate in Counselling and Psychotherapy a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.132.257 to

19.132.287 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

**PERSON-CENTRED COUNSELLING & PSYCHOTHERAPY**

MSc in Person-Centred Counselling & Psychotherapy

Postgraduate Diploma in Person-Centred Counselling & Psychotherapy

Postgraduate Certificate in Person-Centred Counselling & Psychotherapy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.132.288 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

All applicants will normally be admitted to the MSc.

All applicants to the MSc, Postgraduate Diploma and Postgraduate Certificate in Person-Centred Counselling & Psychotherapy must have a period of post-qualifying professional experience deemed appropriate by the Course Director and a satisfactory performance at interview.

19.132.289 Duration of Study

Notwithstanding regulation 19.1.5 the minimum period of study shall be as follows:

*For full-time study*

Masters by full-time study 24 months

*For part-time study*

Masters by part-time study 36 months elapsed time

Notwithstanding regulation 19.1.6 the maximum period of study shall be as follows:

*For full-time study*

Masters by full-time study 48 months

*For part-time study*

Masters by part-time study 60 months elapsed time

Place of Study

19.132.290 As permitted by Regulation 19.1.8,

the MSc, Postgraduate Diploma and Postgraduate Certificate in Person-Centred Counselling & Psychotherapy are delivered at the Institute of Psychological and Counselling Studies (IPCS) in Greece.

**Mode of Study**

19.132.291 The course is available by full-time and part-time study.

Students proceeding to the degree of Master shall undertake a report or dissertation as specified in Regulation 19.1.13.

**Curriculum**

19.132.292 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

B9 998 Theoretical Foundations in the Person   
 Centred Approach in Counselling

& Psychotherapy 5 30

B9 997 Practice and Self Development: Becoming a   
 Person Centred Counsellor & Psychotherapist 5 30

Students for the degree of MSc and Postgraduate Diploma in addition will undertake

B9 999 Theoretical Issues in Person Centred

Counselling & Psychotherapy 5 30

B9 996 Professional Development in Person Centred   
 Counselling & Psychotherapy 5 30

Students for the degree of MSc only

B9 989 Research Planning for an MSc 5 20

B9 995 Research Enquiry and Development in

Counselling and Psychotherapy 5 40

Examination, Progress and Final Assessment

19.132.293 Regulations 19.1.25 – 19.1.33 shall apply.

19.132.294 Candidates will be permitted a maximum of 2 attempts at each assessment.

19.132.295 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

19.132.296 **Degree of MSc in** Person-Centred Counselling & Psychotherapy**:** In order to qualify for the award of the degree of MSc in Person-Centred Counselling & Psychotherapy the candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits.

19.132.297 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma in Person-Centred Counselling & Psychotherapy a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.132.298 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Person-Centred Counselling & Psychotherapy a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.132.299 to

19.132.329 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL WORK AND SOCIAL POLICY

SOCIAL WORK

Master of Social Work

Postgraduate Diploma in Social Work

Postgraduate Certificate in Social Studies

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

The degree of Master of Social Work is conferred by the University of Strathclyde. The regulations which have been approved by Senate are as follows.

Admission

19.133.1 Regulation 19.1.1 shall apply.

In addition, all successful applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

Duration of Study

19.133.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.133.3 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

19.133.4 The courses include study at the University of Strathclyde and placement outwith the University campus.

Curriculum

19.133.5 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of Master no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L5 936 Theory and Practice 1 5 15

L5 937 Practice 1 5 15

L5 953 Understanding Society in a Social, Policy and

Legislative Context 5 30

**Year 2**

L5 938 Organising Social Work Services 5 15

L5 939 Harm, Risk, and Protection 5 15

L5 940 Theory and Practice 2 5 15

L5 941 Practice 2 5 15

**Year 3**

Students for the degree of Master only

L5 944 Dissertation 5 60

Examination, Progress and Final Assessment

19.133.6 Regulations 19.1.29 and 19.1.30 shall apply.

19.133.7 In order to progress to the Postgraduate Diploma in Social Work, a student must have successfully accumulated at least 60 credits from the course curriculum.

19.133.8 In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the course curriculum and have submitted a satisfactory proposal for a dissertation.

19.133.9 The final assessment will be based on performance in the assessments, coursework, and the dissertation where undertaken.

Award

19.133.10 **Degree of Master**: 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 60 must have been awarded in respect of the dissertation L5 944.

19.133.11 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Social Work, a student must have accumulated no fewer than 120 credits from the course curriculum.

19.133.12 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Social Studies, a student must have accumulated no fewer than 60 credits at Level 5 from the course curriculum.

19.133.13

to 19.133.43 (Numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

MENTAL HEALTH SOCIAL WORK

Postgraduate Certificate in Mental Health Social Work (Mental Health Officer Award)

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

*The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is conferred jointly by the University of Strathclyde and Glasgow Caledonian University. The regulations are drawn up consequent upon a Collaborative Agreement which has been approved by Senate. The University of Strathclyde is the administering university.*

Admission

19.133.44 Regulation 19.1.1 shall apply.

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

19.133.45 Regulations 19.1.5 and 19.1.6 shall apply.

Notwithstanding the provisions of Regulation 19.1.5, the normal duration of study shall be 12 months. For those in part time employment it is possible to undertake the course of study over 24 months.

Mode of Study

19.133.46 The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is available by part-time study only.

Place of Study

As permitted by regulation 19.1.8

19.133.47 The course is delivered at the University of Strathclyde, Glasgow and at Glasgow Caledonian University. The practice learning component of the course takes place within the student’s employing agency.

Curriculum

19.133.48 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

L5 962 Mental Health Officer Theory and Practice I 5 30

L5 963 Mental Health Officer Theory and Practice II 5 30

Assessment

19.133.49 Regulations 19.1.18 – 19.1.19 shall apply.

**Progress**

19.133.50 The assessment for class L5 962 Mental Health Officer Theory and Practice I incorporates an assessment of the student’s practice. This practice must be assessed as a pass before the student can progress to class L5 963, Mental Health Officer Theory and Practice II.

19.133.51 The final assessment will be based on performance in the assessments, and coursework.

Award

19.133.52 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) a student must have accumulated 60 credits at Level 11 from the course curriculum.

19.133.53 to

19.133.83 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

SOCIAL POLICY

MSc in Social Policy

Postgraduate Diploma in Social Policy

Postgraduate Certificate in Social Policy

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.133.84 Admission

Regulation 19.1.1 shall apply

19.133.85 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.133.86 Mode of Study

The courses are available by full-time and part-time study.

19.133.87 Curriculum (all programmes)

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diploma no fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes

Level Credits

Either

L5981 Perspectives on Social Research 5 20

L5976 Welfare concepts and ideas 5 20

L5975 Approaches to welfare: past, present and future 5 20

and one from

Either

L2 909 Qualitative Methods 5 20

OR

L2 905 Quantitative Methods I: Survey Methods 5 20

Optional Classes

No fewer than 40 credits chosen from the approved option list below.

L5974 Advanced Project Module 5 20

L2908 Quantitative Methods II 5 20

L2916 Comparative Public Policy 5 20

L2917 Policy Analysis 5 20

L2912 International Institutions and Régimes 5 20

L2915 Contesting Global Governance 5 20

L5983 Evaluation and Policy Research 5 20

Or any other class approved by the Course Leader

Students for the degree of MSc only

L5980 Dissertation in Social Policy 5 60

19.133.88 Examination, Progress and Final Assessment

Regulations 19.1.29 and 19.1.30 shall apply.

The final assessment will be based on performance in the assessments, coursework, the dissertation where undertaken.

Award

19.133.89 **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.

19.133.90 **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 classes of the course.

19.133.91 **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 classes of the course.

19.133.92

to 19.133.122 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

SOCIAL POLICY (RESEARCH METHODS)

MSc in Social Policy (Research Methods)

Postgraduate Diploma in Social Policy (Research Methods)

Postgraduate Certificate in Social Policy (Research Methods)

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

19.133.123 Admission

Regulation 19.1.1 shall apply

19.133.124 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.133.125 Mode of Study

The courses are available by full-time and part-time study.

Curriculum (all programmes)

All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits

for the Postgraduate Diplomano fewer than 120 credits

for the degree of MSc no fewer than 180 credits including a dissertation

19.133.126 **Curriculum**

Compulsory Classes Level Credits

L5981 Perspectives on Social Research 5 20

L2909 Qualitative Methods 5 20

L2905 Quantitative Methods I 5 20

L5976 Welfare concepts and ideas 5 20

L5975 Approaches to welfare: past, present and future 5 20

Optional Classes

No fewer than 20 credits chosen from the approved option list below.

L5974 Advanced Project Module 5 20

L2908 Quantitative Methods II 5 20

L2916 Comparative Public Policy 5 20

L2917 Policy Analysis 5 20

L2912 International Institutions and Régimes 5 20

L2915 Contesting Global Governance 5 20

L5983 Evaluation and Policy Research 5 20

Or another class approved by the Course Leader.

Students for the degree of MSc only

L5980 Dissertation in Social Policy 5 60

19.133.127 Examination, Progress and Final Assessment

Regulations 19.1.29 and 19.1.30 shall apply.

The final assessment will be based on performance in the assessments, coursework, the dissertation where undertaken.

Award

19.133.128 **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.

19.133.129 **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 classes of the course.

19.133.130 **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 classes of the course.

19.133.131

to 19.133.161 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

**CHILD AND YOUTH CARE STUDIES**

**MSc in Child and Youth Care Studies by Distance Learning**

**Postgraduate Diploma in Child and Youth Care Studies by Distance Learning**

**Postgraduate Certificate in Child and Youth Care Studies by Distance Learning**

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.133.162 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will be required to have had at least two years of appropriate, post-qualifying professional experience.

Duration of Study

19.133.163 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.133.164 The course is available by part-time study only.

Curriculum

19.133.165 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

L5 905 Child and Youth Care Studies: Child

Development in the Lifespace 5 20

L5 912 Child and Youth Care Studies: Theoretical

Contexts 5 20

L5 914 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

L5 904 Child and Youth Care Studies: Intervention 5 20

L5 906 Child and Youth Care Studies: Management

and Leadership 5 20

L5 915 Child and Youth Care Studies: Research

Methods 5 20

Students for the degree of MSc only

L5 917 Child and Youth Care Studies: Research

Project leading to a dissertation 5 60

Examination, Progress and Final Assessment

19.133.166 Regulations 19.1.25 – 19.1.33 shall apply.

19.133.167 In order to progress to the degree of MSc, a student must have accumulated at least 120 credits from the course curriculum and have submitted a satisfactory proposal for a dissertation.

19.133.168 The final assessment will be based on performance in the coursework, examinations and the dissertation, where undertaken.

Award

19.133.169 **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 L5 917.

19.133.170 **Postgraduate Diploma :** In order to qualify for the award of Postgraduate Diploma in Child and Youth Care Studiesby Distance Learning, a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.133.171 **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Child and Youth Care Studiesby Distance Learning, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.133.172

to 19.133.202 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

SOCIAL WORK (RESEARCH METHODS)

MSc in Social Work (Research Methods)

Course Regulations

Admission

19.133.203 Notwithstanding Regulation 19.1, applicants shall normally:

(i) possess a first or second class honours degree in any discipline from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or

(iii) be deemed, by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

**Duration of Study**

The course shall run for 12 months full time and 24 months part time. Regulations 19.1.5and 19.1.6 shall apply

Mode of Study

19.133.204 The course is available by full-time and part-time study.

**Place of Study**

19.133.205 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

19.133.206 All students shall undertake an approved curriculum as follows

for the degree of MSc no fewer than 180 credits including a dissertation

for the Postgraduate Diploma no fewer than 120 credits

for the Postgraduate Certificate no fewer than 60 credits

19.133.207 Students taking the ESRC pathway to Doctoral level must take the following compulsory classes.

Compulsory Classes Level Credits

L5981 Perspectives on social research 5 20

L2905 Quantitative Methods 5 20

L2909 Qualitative Methods 5 20

L5 985 The Use of Evidence in Social Work

Research 5 20

L5 984 The Context of Social Work Research 5 20

L5 983 Evaluation and Policy Research 5 20

For the Degree of MSc

L5 982 Masters Dissertation in Social Work 5 60

**Examination, progress and final assessment**

19.133.208 Regulation 19.1.29 – 19.1.30 shall apply.

19.133.209 The final assessment will be based on performance in all elements of the coursework and the dissertation.

**Award**

19.133.210 **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 classes on the course and a 60 credit Social Work Dissertation L5 982.

19.133.211

To 19.133.241 (number not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

CRIMINOLOGY (RESEARCH METHODS)

MSc in Criminology (Research Methods)

Postgraduate Diploma in Criminology (Research Methods)

Postgraduate Certificate in Criminology (Research Methods)

Course Regulations

Admission

19.133.242 Notwithstanding Regulation 19.1, applicants shall normally:

(i) possess a first or second class honours degree in any discipline from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or

(iii) be deemed, by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

**Duration of Study**

The course shall run for 12 months full time and 24 months part time. Regulations 19.15 and 19.16 shall apply

Mode of Study

19.133.243 The course is available by full-time and part-time study. At the discretion of the relevant Board of Study on the recommendation of the relevant Course Director (or nominee), a student may transfer from full-time to part-time study and vice-versa where an appropriate course is available, at which time the relevant minimum and maximum periods of study will be reviewed.

**Place of Study**

19.133.244 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

19.133.245 All students shall undertake an approved curriculum as follows

for the degree of MSc no fewer than 180 credits including a dissertation

for the degree of Postgraduate Diploma no fewer than 120 credits

for the degree of Postgraduate Certificate no fewer than 60 credits

19.133.246 Students taking the ESRC pathway to Doctoral level must take the following compulsory classes.

Compulsory Classes Level Credits

L5 981 Perspectives on social research 5 20

L2 905 Quantitative Methods 5 20

L2 909 Qualitative Methods 5 20

Postgraduate Diploma Students must take the following classes

M8 926 Contemporary Issues in Criminology 5 20

M8 925 The Contexts of Criminal Justice Research 5 20

L5 983 Evaluation and Policy Research 5 20

MSc students must take the following class

L5 986 Dissertation 5 60

**Examination, progress and final assessment**

19.133.247 Regulation 19.1.29 – 19.1.30 shall apply

19.133.248 Notwithstanding regulations 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment

19.133.249 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, a spoken examination.

**Award**

19.133.250 **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 classes on the course and a 60 credit Dissertation L5986.

19.133.251 **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 classes on the course.

19.133.252 **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 classes on the course.

19.133.253 to

19.133.283 (number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF SOCIAL WORK AND SOCIAL POLICY

FAMILY THERAPY AND SYSTEMIC PRACTICE

MSc in Family Therapy and Systemic Practice

Postgraduate Diploma in Family Therapy and Systemic Practice

Postgraduate Certificate in in Family Therapy and Systemic Practice

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.122.284 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will normally be required

to have had at least two years of appropriate, post-qualifying

professional experience. MSc, Postgraduate Diploma and

Postgraduate Certificate in Studies in Family Therapy and Systemic

Practice must hold a professional qualification in nursing, psychology,

counselling medicine, social work or occupational therapy deemed

appropriate by the Course Director. In addition, applicants are

normally required to maintain professional contact with families

throughout the period of study. Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.120.30).

19.122.285 Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply

19.122.286 Place of Study

As permitted by Regulation 19.1.8

the MSc, Postgraduate Diploma and Postgraduate Certificate in Studies in Family Therapy and Systemic Practice are delivered at the Family Therapy Training Network

19.122.287 **Mode of Study**

The course is available by part-time study only

**Curriculum**

19.122.288 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

L5 918 Research and Reflexivity  5 10

L5 958 Theory Development in Family Therapy  5 10

L5 913 Diversity and Anti-Discriminatory Practice

within a Systemic Framework  5 10

L5 956 Clinical Placement 1 and 2 5 40

L5 957 Models of Change 5 10

L5 921 Systemic Psychotherapy and Context   5 10

L5 954 Systemic Supervision  5 10

L5 955 Personal and Professional Development in

Family therapy and Systemic practice 5 10

L5 961 Systemic Practice in a Work Context 5 10

L5 959 Dissertation 5 60

In addition, students for the degree of MSc and Postgraduate Diploma in addition will undertake a further 60 credits from the list of classes above

Students for the degree of MSc only

HS 810 Professional Enquiry and Development Study 5 60

Examination, Progress and Final Assessment

19.122.289 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.122.290 Notwithstanding Regulation 19.1.30,Candidates will be permitted a maximum of 2 attempts at each assessment.

19.122.291 The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken.

Award

19.122.292 **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 L5 959 or the research projects.

19.122.293 **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 classes of the course.

19.122.294 **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 classes of the course.

19.122.295 to

19.122.325 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

ADVANCED RESIDENTIAL CHILD CARE

**MSc in Advanced** **Residential Child Care**

**Postgraduate Diploma in Advanced** **Residential Child Care**

**Postgraduate Certificate in Advanced** **Residential Child Care**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.133.326 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

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 course. Progress to the next level of study is normally dependent on performance (see Regulation 19.126.83).

19.133.327 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.133.328 **Place of Study**

As permitted by regulation 19.1.8

19.133.329 **Mode of Study**

The courses are available by part-time study only

**Curriculum**

19.133.330 All students shall undertake an approved curriculum as follows

for the Certificate no fewer than 60 credits,

for the Postgraduate Diploma no fewer than 120 credits,

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L5 971 Critical Perspectives on Residential Child Care 5 20

L5 966 Understanding and Assessing in Children’s

Life-Spaces 5 20

L5 965 Ethical Leadership and Management in

Residential Child Care 5 20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake

L5 967 Skilled and Reflective Use of Self in Residential

Child Care 5 20

L5 970 Intervening Effectively in Residential

Child Care 5 20

L5 968 Research Methods: Effective &

Ethical Research In Residential Child Care 5 20

Students for the degree of MSc only

L5 969 Professional Enquiry in Residential Child Care:

Dissertation 5 60

**Examination, Progress and Final Assessment**

19.133.331 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.133.332 Notwithstanding regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

19.133.333 The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken.

**Award**

19.133.334 **Degree of MSc in Advanced Residential Child Care:** In order to qualify for the award of the degree of MSc in Advanced Residential Child Carethe 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 L5 969 or the research projects.

19.133.335 **Postgraduate Diploma**: 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 classes of the course.

19.133.336 **Postgraduate Certificate:** 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 classes of the course.

19.133.337 to

19.133.367 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIAL WORK AND SOCIAL POLICY

SOCIAL SERVICES MANAGEMENT

MSc in Social Services Management

Postgraduate Diploma in Social Services Management

Postgraduate Certificate in Social Services Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.133.368 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

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 course. Progress to the next level of study is normally dependent on performance (see Regulation 19.126.95).

19.133.369 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply

19.133.370 **Place of Study**

As permitted by Regulation 19.1.8

19.133.371 **Mode of Study**

The courses are available by part-time study only.

**Curriculum**

19.133.372All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate no fewer than 60 credits,

for the Postgraduate Diploma no fewer than 120 credits,

for the degree of MSc no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L5 932 Effective Learning for Social Services

Management 5 20

L5 907 Managing Service Delivery 5 20

Optional Classes

No fewer than 20 credits chosen from

L5 964 Managing Partnership and Integrated Services 5 20

L5 911 Leading and Managing Change and   
Organisational Learning 5 20

L5 932 People Management in Social Services

Services 5 20

Students for the degree of MSc and Postgraduate Diploma in addition will undertake

Compulsory Class

L5 908 Methods of Professional Enquiry in Social   
Services 5 20

Students for the degree of MSc only

HS 902 Professional Enquiry and Development   
leading to a Dissertation 5 60

Examination, Progress and Final Assessment

19.133.373 Regulations 19.1.25 – 19.1.33 shall apply.

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.

19.133.374 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

19.133.375 The final assessment will be based on performance in the examinations where undertaken, coursework, and the dissertation where undertaken.

Award

19.133.376 Degree of MSc in Social Services Management: In order to qualify for the award of the degree of MSc in Social Services Management 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 the dissertation HS 902.

19.133.377 **Postgraduate Diploma**:In order to qualify for the award of the Postgraduate Diploma a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.133.378 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.133.379 to

19.133.409 (numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SOCIAL WORK AND SOCIAL POLICY

INTERNATIONAL SOCIAL WELFARE

MSc in International Social Welfare

Postgraduate Diploma in International Social Welfare

Postgraduate Certificate in International Social Welfare

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

**19.133.410** Admission

Notwithstanding Regulation 19.1.1, applicants shall normally possess

1. 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
2. qualifications or professional experience deemed by the Head of Department acting on behalf of Senate to be the equivalent to (i) above; or
3. be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

**19.133.411** Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

**19.133.412** The courses are available by full-time and part-time study.

Place of Study

**19.133.413** In accordance with Regulation 19.1.8, some off-campus work may be required.

Curriculum

**19.133.414** All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

for the degree of MSc – no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

L5 976 Welfare, Concepts and Ideas 5 20

L5 975 Approaches to Welfare: Past,  
Present and Future 5 20

L5 977 International Social Work:  
Themes and Perspectives 5 20

And Either

L2 905 Quantitative Methods: Survey  
Methods 5 20

Or

L2 909 Qualitative Methods 5 20

Optional Classes Level Credits

No fewer than 40 credits chosen from

L5 999 International Social Welfare Project 5 20

L5 983 Evaluation and Policy Research 5 20

L5984 The Context of Social Work 5 20

L5 985 The Use of Evidence in Social  
Work Research 5 20

M8 926 Contemporary Issues in Criminology 5 20

M8 925 The Contexts of Criminal Justice  
Research 5 20

M9 439 Global Health, Rights and  
Developments 5 20

L2 962 Contemporary International Relations 5 20

L2 905 Quantitative Methods: Survey  
Methods 5 20

L2 909 Qualitative Methods 5 20

Students for the degree of MSc only

L5 944 Masters Dissertation in Social Work 5 60

Or

L5 980 Masters Dissertation in Social Policy 5 60

Or another class approved by the Course Leader.

Examination, Progress and Final Assessment

**19.133.415** Regulations 19.1.25 – 19.1.33 shall apply.

**19.133.416** In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the course curriculum and have submitted a satisfactory proposal for a dissertation.

The final assessment will be based on performance in the assessments, coursework and the dissertation where undertaken.

Award

**19.133.417Degree 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.

**19.133.418** **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 course curriculum.

**19.133.419** **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 course curriculum.

**19.133.420**

**to 19.133.450(Numbers not used.)**

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**SOCIOLOGY**

**REFUGEE AND MIGRATION STUDIES (SOCIAL RESEARCH)**

MSc in Refugee and Migration Studies (Social Research)

Postgraduate Diploma in Refugee and Migration Studies (Social Research)

Postgraduate Certificate in Refugee and Migration Studies (Social Research)

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1.]

Admission

**19.134.1** Notwithstanding Regulation 19.1.1, 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 Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

**19.134.2** Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study

**19.134.3** The courses are available by full-time and part-time study.

Curriculum

**19.134.4** All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits for the Postgraduate Diploma no fewer than 120 credits including at least 20 credits from the optional classes in List A

for the degree of MSc no fewer than 180 credits, including a dissertation

Compulsory Classes Level Credits

L3 927 Designing Research 5 20

L7 923 Governing Cities of Difference 5 20

M9 987 Human Rights and Immigration Legislation 5 20

Students for the Postgraduate Diploma and degree of MSc in addition shall undertake

Optional Classes

No fewer than 60 credits including at least 20 credits from List A

**List A**

L3 929 Qualitative Methods 5 20

L3 930 Social Research Today 5 20

**List B**

L2 904 Philosophy of Social Science 5 20

L2 905 Quantitative Methods 1 5 20

L3 917 Action Research 5 20

L3 922 Investigative Research 5 20

P3 926 Manufacture of Consent 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

L3 919 Dissertation 5 60

Examination, Progress and Final Assessment

**19.134.5** Regulations 19.1.25 – 19.1.33 shall apply.

**19.134.6** Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

**19.134.7** The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

**19.134.8** **Degree of MSc**: In order to qualify for the award of the degree of MSc in Refugee and Migration Studies (Social Research), a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation L3 919.

**19.134.9** **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma In Refugee and Migration Studies (Social Research) a candidate must normally have accumulated no fewer than 120 credits from the taught classes of the course.

**19.134.10** **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Refugee and Migration Studies (Social Research), a candidate must normally have accumulated no fewer than 60 credits from the taught classes of the course.

**19.134.411.to**

**19.134.420 (numbers not used)**

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**SOCIOLOGY**

**MEDIA AND COMMUNICATION RESEARCH**

MSc in Media and Communication Research

Postgraduate Diploma in Media and Communication Research

Postgraduate Certificate in Media and Communication Research

Course Regulations

[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.134.21 Notwithstanding Regulation 19.1.1, 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 Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.134.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.134.23 The course is available by full-time and part-time study.

Curriculum

19.134.24 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate no fewer than 60 credits from the compulsory classes

for the Postgraduate Diploma no fewer than 120 credits, of which 80 credits from the compulsory classes

for the degree of MSc no fewer than 180 credits of which 80 credits from compulsory classes and including a dissertation

Compulsory Classes Level Credits

L3 916 Designing Research 5 20

L3 922 Investigative Research 5 20

L3 929 Qualitative Methods 5 20

P3 926 Manufacture of Consent 5 20

Students for the Postgraduate Diploma and degree of MSc in addition shall undertake

Optional Classes

L2 904 Philosophy of Social Science 5 20

L2 905 Quantitative Methods 1 5 20

P3 925 Investigative Journalism: History and Theory 5 20

P3 952 Journalism and Society 5 20

P3 955 Media Ethics 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only

P3 932 Dissertation 5 60

Examination, Progress and Final Assessment

19.134.25 Regulations 19.1.25 – 19.1.33 shall apply.

19.134.26 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.134.27 The final assessment will be based on performance in the examinations, coursework and the dissertation.

Award

19.134.28 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Media and Communication Research, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation P3 932.

19.134.29 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Media and Communication Research, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.134.30 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Media and Communication Research, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.134.31 to

19.134.99 (numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**RESEARCHER PROFESSIONAL DEVELOPMENT**

**Postgraduate Certificate in Researcher Professional Development**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 19.1]

**Admission**

19.150.1 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.150.2 Regulation 19.1.4 and 19.1.5 shall apply. The normal duration of study will be 36 months.

19.150.3 The course is available by full-time and part-time study.

**Curriculum**

19.150.4 All students shall undertake an approved curriculum as follows

Compulsory classes Level Credits

RD 901 Researcher Knowledge and

Intellectual Abilities 5 20

RD 902 Researcher Personal Effectiveness 5 10

RD 903 Research Governance and Organisation 5 10

RD 904 Researcher Engagement, Influence

and Impact 5 10

RD 905 Researcher Professional Development

Elective 5 10

**Examination, Progress and Final Assessment**

19.150.5 Regulations 19.1.25-19.1.33 shall apply.

19.150.6 The final assessment will be based on performance in the examinations and coursework.

**Award**

19.150.7 **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 course curriculum.

Postgraduate Study and Research

20 Regulations for Higher Degrees

The following awards are conferred by the University by the authority of the Senate under Ordinances 3 and 4 in accordance with the following Regulations 20.1, 20.2, 20.3 and 20.4.

Research Degrees [Degrees with a predominant or significant research content]

Master of Research (MRes)

Master of Philosophy (MPhil)

Doctor of Business Administration (DBA)

Doctor of Education (EdD)

Doctor of Educational Psychology (DEdPsy)

Doctor of Engineering (EngD)

Doctor of Philosophy (PhD)

*Notes*

*1 Throughout these regulations, part-time study includes part-time study and open learning.*

*2 Where the phrase “Course Director (or nominees)” is used in these regulations, the Head of Department shall nominate appropriate Officers (e.g. Selector or Course Director) or relevant Faculty Committee in each case in accordance with any Departmental or Faculty procedures.*

*3 In the Faculty of Humanities and Social Sciences, research students are based in the Graduate School and the Vice Dean (PG) undertakes the role carried out by the Head of Department in the other three faculties.*

*4 All decisions taken by the Boards of Study, acting on behalf of Senate, should subsequently be reported to Senate.*

*5 In interpreting these regulations, regard should be given to the University’s Academic Policies, Procedures and Guidelines and, where appropriate, Course Handbooks.*

*6 Students should also have regard to the University’s Constitutional Regulations.*

20.1 General Regulations for the Degrees of Doctor of Philosophy and Doctor of Engineering

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.5.]

Admission

20.1.1 Applicants must:

(i) possess a Master’s or an Integrated Master’s degree; or

(ii) possess a first or upper second class Honours degree from a United Kingdom University; or

(iii) possess 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) above;

20.1.2 In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

20.1.3 Applicants who satisfy the provisions of Regulation 20.1.1 may, in addition, be required to have had a period of relevant experience.

20.1.4 In all cases, applicants must submit a satisfactory research area or topic.

Minimum Periods of Study

20.1.5 The minimum period of study for each doctoral candidate shall be confirmed by the relevant Vice Dean (or nominee) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

*For full-time study*

Doctorate where the doctoral candidate already holds a

Masters degree in a subject cognate to their field of study 24 months

Doctor of Philosophy 36 months

Doctor of Engineering 48 months

*For part-time study*

The minimum period of study should be the learning equivalent of the full-time study period required taking account of the conditions under which the doctoral candidate will work. The actual study time will normally be greater than for full-time study.

A doctoral candidate’s thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.1.6 Except with the permission of the Senate, a candidate’s thesis must be submitted within a prescribed period from the date of the doctoral candidate's registration as follows:

*For full-time study*

Doctor of Philosophy 48 months

Doctor of Engineering 60 months

*For part-time study*

The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study

20.1.7 Except where the 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 the Senate for the purpose (see Regulation 20.7 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

For the degree of Doctor of Engineering study will normally be undertaken within the University of Strathclyde and other institutions. Candidates will also undertake a placement in an industrial establishment.

Nature of Study

20.1.8 All doctoral candidates shall be required to undertake a programme of research in a field of study approved by the relevant Head of Department on behalf of the Senate.

20.1.9 The programme for the degree of Doctor of Philosophy shall include the successful completion of the PG Certificate in Researcher Professional Development (see Regulation 19.150 for details) with a minimum credit rating of 60 credits as stipulated by the Head of Department and/or nominees and a thesis.

20.1.10 The programme for the degree of Doctor of Engineering shall include researcher development skills training with a minimum credit rating of 60 credits (and normally not more than 210 credits) as stipulated in the course regulations, and a portfolio of project related material.

In Regulation 20.1, where thesis is referred to, it is to be interpreted for Doctor of Engineering candidates as the portfolio.

20.1.11 Within the requirement in Regulation 20.1.9 up to 30 credits of the PG Certificate in Researcher Professional Development may be waived under Recognition of Prior Learning (RPL), and within Regulation 20.1.10, up to 30 researcher development skills training may be waived under Recognition of Prior Learning (RPL) by the Head of Department (or nominees) where the doctoral candidate holds a Master’s degree in a subject cognate to their field of study or have evidence of equivalent professional training or work-based experience

20.1.12 The thesis shall embody the results of the doctoral candidate’s original research and must make, in the opinion of the examiners, an identifiable contribution to knowledge. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Doctoral candidates

20.1.13 Each doctoral candidate who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2 The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

In the case of Doctor of Engineering candidates, the second supervisor shall be an industrial supervisor normally with experience of professional and career development in addition to having technical or managerial knowledge of the doctoral candidate's research area.

20.1.14 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a doctoral candidate leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the doctoral candidate’s registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring doctoral candidate progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the doctoral candidate throughout the period of study.

When operating within the University of Strathclyde, the doctoral candidate shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.1.15 When a doctoral candidate’s approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall be notified by Student Business of the thesis upload and asked to verify that the candidate has complied with the regulations that relate to the award for which they are a candidate.

Attendance, Performance and Progression

20.1.16 Every applicant admitted to a doctoral research programme shall be required to attend regularly and to perform the required work, including the PG Certificate in Researcher Professional Development or researcher development training, to the satisfaction of the Department.

20.1.17 A doctoral candidate must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

20.1.18 Doctoral candidates have an obligation to inform the University Student Experience – Student Business at the very first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

20.1.19 A doctoral candidate who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such doctoral candidates shall be reported immediately to the relevant Board of Study.

Submission of Theses

*[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]*

20.1.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.1.12 and 20.1.15.

20.1.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

20.1.22 Candidates for the degree of Doctor of Engineering must include within their portfolio a bound stand-alone summary document which describes the contribution to knowledge and innovation.

20.1.23 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited to not more than 100,000 words.

Examinations

20.1.24 The doctoral candidate shall be examined by a thesis, any necessary coursework (as specified under Regulation 20.1.8 or 20.1.9) and by oral examination.

20.1.25 The examination of a doctoral candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the doctoral candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the doctoral candidate's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

For the degree of Doctor of Engineering, the Examining Committee shall include a second External Examiner who shall be from a different academic discipline than the academic supervisor.

20.1.26 The Examining Committee shall

(i) assess the thesis submitted by the candidate;

(ii) act as the Board of Examiners for the award of the credits for the PG Certificate in Researcher Professional Development under the provision of Regulation 20.1.9 or taught classes or research training undertaken under the provision of Regulation 20.1.10;

(iii) subject the candidate to the oral examination.

In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.

20.1.27 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:

(i) the doctoral candidate be awarded the appropriate degree;

(ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;

(iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;

(iv) the doctoral candidate be transferred to an appropriate Master’s degree provided the doctoral candidate satisfies the appropriate progress and curricular requirements;

(v) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

20.1.28 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a doctoral candidate to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.1.29 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate’s registration from the degree of Doctor of Engineering to that for the degree of Doctor of Philosophy or vice-versa. The Board of Study will determine what recognition shallbe given to the period which the doctoral candidate has completed.

20.1.30 A candidate for the degree of Doctorate may, after consultation with the Head of the Department concerned, be permitted to transfer registration to a relevant Master’s degree at any time before submission of the thesis or portfolio, subject to the doctoral candidate satisfying the appropriate progress and curricular requirements.

20.1.31 Where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the degree of Doctor of Philosophy or Doctor of Engineering is unsatisfactory the relevant Board of Study, acting on behalf of the Senate, may decide that the doctoral candidate's registration be transferred to a relevant Master’s degree subject to the doctoral candidate satisfying the appropriate progress and curricular requirements.

20.1.32 Notwithstanding Regulation 20.1.6, Vice-Deans may approve an extension to the maximum period of study.

20.1.33 Notwithstanding the provisions of Regulations 20.1.16, 20.1.17, 20.1.27 and 20.1.30, where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the degree of doctorate is unsatisfactory or where an Examining Committee reports that a candidate has failed to satisfy the Examining Committee, the Board of Study, acting on behalf of the Senate, may terminate the doctoral candidate’s registration and require the doctoral candidate to withdraw.

20.1.34 Notwithstanding the provisions of Regulation 20.1.33, a doctoral candidate who is reported to the relevant Board of Study under Regulation 20.1.16 or 20.1.17 for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

20.1.35 A doctoral candidate may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against Transfer of Registration, and Withdrawal

20.1.36 Any doctoral candidate required to transfer registration under the provisions of Regulations 20.1.24 or to withdraw under the provisions of Regulations 20.1.33 or 20.1.34 may appeal to the relevant Board of Study for reconsideration of their case on any of the following grounds:

(i) 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

(ii) notwithstanding the doctoral candidate’s obligations under Regulation 20.1.18, that there were medical, personal or other circumstances affecting the doctoral candidate's performance of which the examiners or the Board of Study were not aware when their decision was taken; or

(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.1.37 A doctoral candidate has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Director of Corporate Services within a period of six weeks from the date of notification to the doctoral candidate of the outcome of the preceding appeal to the Board of Study. The doctoral candidate shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.1.38 A doctoral candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.1.39 To qualify for the award of a Doctor of Philosophy, a candidate must have achieved the minimum number of credits specified in the course regulations of the PG Certificate in Reseacher Professional Development and have satisfied the examiners with regard to the thesis.

20.1.40 To qualify for the award of a Doctor of Engineering, a candidate must have achieved the minimum number of credits specified in the course regulations and have satisfied the examiners with regard to the thesis.

20.1.41 The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.1.42 The Senate may admit as candidates for the degree of Doctorate, members of the academic and related staff of the University appointed under the provisions of Ordinance 4.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.1.4 and 20.1.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Doctor of Philosophy under the provisions of this Regulation.

20.1.43 A thesis submitted for the degree of doctorate by a member of the academic staff of the University appointed under the provisions of Ordinance 4 may consist substantially or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.

20.2 General Regulations for Professional Doctorate degrees

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.6.]

Admission

20.2.1 Applicants must:

(i) possess a Master’s or an Integrated Master’s degree; or

(ii) possess a first or upper second class Honours degree from a United Kingdom University; or

(iii) possess 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) above;

20.2.2 In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

20.2.3 Applicants who satisfy the provisions of Regulation 20.2.1 shall in addition, be experienced professional practitioners in their chosen field.

Credit Transfer and Recognition of Prior Learning (RPL)

20.2.4 The relevant Course Director (or nominee) may admit applicants and/or approve exemption from part of a course by Credit Transfer or RPL provided this is done in accordance with University procedures and against criteria defined on a course by course basis.

Credit Transfer or RPL may only be used once and, when used to gain exemption, will normally relate to achievements within 5 years of registration on a University of Strathclyde programme.

Exemption granted on the basis of Credit Transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall preferably not exceed 50% of the credits appropriate to the course or 60 credits where this is less. Where any such exemption is granted, the relevant Board of Study, acting on behalf of the Senate, may approve an appropriate reduction in the minimum period of study.

Minimum Periods of Study

20.2.5 The minimum period of study for each student shall be confirmed by the relevant Vice Dean (or nominees) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study

All Professional Doctorates 36 months

For part-time study

The minimum period of study should be the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The actual study time will normally be greater than for full-time study.

A candidate’s thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.2.6 Except with the permission of the Senate, a candidate’s thesis must be submitted within a prescribed period from the date of the candidate's registration as follows:

For full-time study 60 months

For part-time study

The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study

20.2.7 Except where the 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 the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Nature of Study

20.2.8 The structure of a professional doctorate degree shall normally accord with the following:

(i) directed study on research methods; and

(ii) directed study on areas of specialist knowledge; and

(iii) a literature review/mini dissertation

each with a minimum credit rating of 60.

In addition, all students shall be required to undertake a scheme of research, leading to a thesis in a field of study approved by the relevant Head of Department on behalf of the Senate.

Each candidate for an award must follow the programme as prescribed in the relevant course regulations.

20.2.9 The programme of every student must be approved in advance by the relevant Course Director or equivalent acting on behalf of the Board of Study.

Where a pass in a particular class is a necessary condition for progress or for an award, this shall be clearly stated in the relevant course regulations.

20.2.10 The thesis shall embody the results of the candidate’s original research and must make, in the opinion of the examiners, an identifiable contribution to the creation and interpretation of new knowledge through original research or other advanced scholarship. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research

20.2.11 Each student who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

In the case of the Doctor of Educational Psychology, the primary supervisor shall be a qualified educational psychologist employed by the University.

In the case of the Doctor of Pharmacy, at least one Supervisor shall be registered as a member of the General Pharmaceutical Council (GPhC).

20.2.12 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the student’s registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.2.13 When a student’s approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

Attendance, Performance and Progression

20.2.14 Every applicant admitted to a professional doctoral programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.

20.2.15 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

20.2.16 Students have an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

20.2.17 A student who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such students shall be reported immediately to the relevant Board of Study.

20.2.18 Students for the degree of professional doctorate, will normally be expected to have satisfactorily completed 180 credits at Level 5 from the course curriculum before being permitted to proceed to the thesis.

20.2.19 Progression through the course is prescribed in the individual course regulations.

Submission of Theses

*[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.6]*

20.2.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulation 20.2.10 and 20.2.13.

20.2.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

20.2.22 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, should normally comprise no less than 50,000 and no more than 60,000 words.

Examinations

20.2.23 The candidate shall be examined by a thesis, any necessary coursework (as specified in Regulation 20.2.8) and by oral examination.

20.2.24 The examination of a candidate shall be undertaken by an Examining Committee nominated by the relevant Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

20.2.25 The Examining Committee shall

(i) assess the thesis submitted by the candidate;

(ii) act as the Board of Examiners for the award of the credits for the taught classes or research training undertaken under the provisions of Regulation 20.2.8;

(iii) subject the candidate to the oral examination.

In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.

20.2.26 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:

(i) the candidate be awarded of the appropriate professional doctorate degree;

(ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;

(iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;

(iv) the candidate be transferred to a Master’s degree provided they satisfy the appropriate progress and curricular requirements;

(v) the candidate be awarded the degree of MSc or the Postgraduate Diploma in the relevant area.

(vi) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

20.2.27 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.2.28 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate’s registration from the degree of professional doctorate to that for the degree of Master of Philosophy or vice-versa.

20.2.29 A student for a professional doctorate degree may, after consultation with the Head of the Department concerned, be permitted to transfer registration to a Master’s degree at any time before submission of the thesis, subject to the student satisfying the appropriate progress and curricular requirements.

20.2.30 Where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory the relevant Board of Study, acting on behalf of the Senate, may decide that the student's registration be transferred to a Master’s degree subject to the student satisfying the appropriate progress and curricular requirements.

20.2.31 Notwithstanding Regulation 20.2.6, the Senate, on the recommendation of the relevant Board of Study may approve an extension to the maximum period of study.

20.2.32 Notwithstanding the provisions of Regulations 20.1.28 to 20.1.30 inclusive, where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory or where an Examining Committee reports that a candidate has failed to satisfy it, the Board of Study, acting on behalf of the Senate, may terminate the student’s registration and require the student to withdraw.

20.2.33 Notwithstanding the provisions of Regulation 20.2.26, a student who is reported to the relevant Board of Study under Regulation 20.2.14 for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

20.2.34 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against Transfer of Registration, and Withdrawal

20.2.35 Any student required to transfer registration under the provisions of Regulations 20.2.26, 20.2.28, 20.2.29 or 20.2.30 or to withdraw under the provisions of Regulations 20.2.32 or 20.2.33 may appeal to the relevant Board of Study for reconsideration of their case on any of the following grounds:

(i) 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

(ii) notwithstanding the student’s obligations under Regulation 20.2.16, 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

(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.2.36 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.2.37 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.2.38 To qualify for the award, a candidate must have obtained passes in the curriculum as specified in the course regulations.

20.2.39 The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.2.40 The Senate may admit as candidates for the Doctorate members of the academic and related staff of the University appointed under the provisions of Ordinance 4

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.2.5 and 20.2.6 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for a Professional Doctorate degree under the provisions of this Regulation.

20.2.41 A thesis submitted for the degree of doctorate by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 4, Section 2.l may consist in whole or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.

20.3 General Regulations for Master of Philosophy Degrees

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.5.]

Admission

20.3.1 Applicants must:

(i) possess a Master’s or an Integrated Master’s degree; or

(ii) possess at least a second class Honours degree from a United Kingdom University; or

(iii) possess 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

1. 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) above.

20.3.2 In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

20.3.3 Applicants who satisfy the provisions of Regulation 20.3.1 may, in addition, be required to have had a period of relevant experience.

Minimum Periods of Study

20.3.4 The minimum period of study for each student shall be confirmed by the relevant Vice Dean (or nominees) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study 12 months

For part-time study

The minimum period of study shall be the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The actual study time will normally be greater than for full-time study.

A candidate’s thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.3.5 Except with the permission of the Senate, a candidate’s thesis must be submitted within a prescribed period from the date of the candidate's registration as follows:

For full-time study 24 months

For part-time study

The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study

20.3.6 Except where the 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 the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Nature of Study

20.3.7 All students shall be required to undertake researcher development skills training as approved by the relevant Head of Department on behalf of the Senate. The training shall include taught classes or research training with a minimum credit rating of 20 credits (and normally not more than 60 credits) as stipulated by the Head of Department (or nominees) and a thesis.

20.3.8 The thesis shall embody the results of the candidate’s work: this may be a record of original research or a critical review of existing knowledge or a combination of these two forms. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Students

20.3.9 Each student who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

20.3.10 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the student’s registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study; and

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations

20.3.11 When a student’s approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

Attendance and Performance

20.3.12 Every applicant admitted to a Master of Philosophy programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.

20.3.13 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

20.3.14 Students have an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study

20.3.15 A student who, in the opinion of the Head(s) of the Department(s) and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw.

Submission of Theses

*[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]*

20.3.16 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.3.8 and 20.3.11.

20.3.17 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

20.3.18 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited as follows:

Candidates for the degree of Master in the Faculty

of Law, Arts and Social Sciences No more than 30,000 words

Candidates for all other degrees of Master No more than 50,000 words

Examinations

20.3.19 The candidate shall be examined by a thesis, researcher development skills training (as specified under Regulation 20.3.7) and, if required by the Examining Committee, by oral examination.

20.3.20 The examination of a candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall comprise at least one External Examiner and an Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Examining Committee and must attend any oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend any oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

20.3.21 The Examining Committee shall

(i) assess the thesis submitted by the candidate;

(ii) act as the Board of Examiners for the award of the credits for the researcher development skills training undertaken under the provisions of Regulation 20.3.7.

The candidate may be required to submit to oral examination by the Examining Committee.

20.3.22 The Examining Committee shall report to the appropriate Board of Study, which shall make recommendation to the Senate that

(i) the candidate be awarded the appropriate degree;

(ii) the award of the degree be withheld pending further study or resubmission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;

(iii) the candidate be transferred to an appropriate Doctoral degree;

(iv) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

20.3.23 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.3.24 After a student has passed a formal assessment against defined criteria, the Head of the Department concerned, may, through the relevant Board of Study, recommend to the Senate the transfer of a student’s registration to that for the degree of doctor provided the student satisfies the appropriate progress and curricular regulations. On the recommendation of the Board of Study, the Senate will determine what recognition shallbe given to the period which the student has completed as a candidate for the degree of Master towards the fulfilment of the requirements for the appropriate doctoral degree.

20.3.25 Notwithstanding Regulation 20.3.20, a student who is reported to the relevant Board of Study under Regulations 20.3.12 or 20.3.14 if appropriate, for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

20.3.26 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against the Decisions of the Examining Committee

20.3.27 A student may appeal against a decision made by the Board of Examiners under the provisions of Regulation 20.3.20 or a requirement to withdraw under the provisions of Regulation 20.3.22 or 20.3.25. Such an appeal must be made to the relevant Board of Study on any of the following grounds:

(i) 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

(ii) notwithstanding a student’s obligations under Regulation 20.3.13, 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

(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the student of the withdraw decision.

20.3.28 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.3.29 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

To qualify for the award, a candidate must have achieved no fewer than 20 credits of researcher development skills and have satisfied the examiners with regard to the thesis and, if required, the oral examination.

The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.3.30 The Senate may admit as candidates for the degree of Master of Philosophy members of the academic and related staff of the University appointed under the provisions of Ordinance 4.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.3.4 and 20.3.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 60 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Master of Philosophy under the provisions of this Regulation.

20.3.31 A thesis submitted for the degree of Master by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 4, Section 2.l may consist in whole or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.

20.4 General Regulations for Master of Research Degrees

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.6.]

Admission

20.4.1 Applicants shall normally:

(i) possess a first or second class honours degree from a United Kingdom University; or

(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of the Senate, to be equivalent to (i) above; or

(iii) be deemed, by the Course Director (or nominee) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) above.

20.4.2 In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

20.4.3 Applicants who satisfy the provisions of Regulation 20.4.1 may, in addition, be required to have had a period of relevant experience.

Credit Transfer and Recognition of Prior Learning (RPL)

20.4.4 The relevant Course Director (or nominee) may admit applicants and/or approve exemption from part of a course by Credit Transfer or RPL provided this is done in accordance with University procedures and against criteria defined on a course by course basis.

Credit granted for Credit Transfer or RPL may only be used once and, when used to gain exemption, will normally relate to achievements within 5 years of registration on a University of Strathclyde programme.

Exemption granted on the basis of Credit Transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall preferably not exceed 34% and normally not exceed 50% of the credits appropriate to the course. Exceptionally, up to 67% exemption for Credit Transfer may be allowed where a special articulation between a Strathclyde programme and a programme delivered elsewhere is approved by the Senate.

Where any such exemption is granted, the relevant Board of Study, acting on behalf of the Senate, may approve an appropriate reduction in the minimum period of study.

Minimum Periods of Study

20.4.5 The minimum period of study shall normally be as follows:

For full-time study 12 months

For part-time study

The minimum period of study shallbe the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The overall duration of study will normally be greater than for full-time study.

Maximum Periods of Study

20.4.6 Unless specifically stated otherwise in the relevant course regulations, students shall be required to complete their course including the submission of any dissertation or report or design or project within a prescribed period from the date of the student’s registration as follows:

For full-time study 24 months

For part-time study 48 months elapsed time

Exceptionally, the maximum period of study may be extended by the Senate on the recommendation of the relevant Board of Study.

Mode of Study

20.4.7 Courses may be offered on a full-time and/or part-time basis.

At the discretion of the relevant Board of Study on the recommendation of the relevant Course Director (or nominee), a student may transfer from full-time to part-time study or vice-versa where an appropriate course is available, at which time the relevant minimum and maximum periods of study will be reviewed.

Place of Study

20.4.8 Except where the 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 the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Course Structure and Curriculum

20.4.9 All courses shall be modular and credit rated in accordance with the University Awards Framework in Regulation 20.4.10. Individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

20.4.10 The structure of courses shall normally embody 180 credits including a minimum of 150 credits at Level 5. These shall include a dissertation or report or a design or project amounting to not less than 120 credits.

(Note: For a typical student one credit equates to approximately 10 hours of total student effort).

20.4.11 Each candidate for an award must follow the curriculum as prescribed in the relevant course regulations. This shall be set out in the course regulations and shall indicate which classes are compulsory or optional. The Senate on the recommendation of the relevant Board of Study may amend these from time to time.

20.4.12 The curriculum of every student must be approved in advance by the relevant Course Director or equivalent acting on behalf of the Board of Study.

Where a pass in a particular class is a necessary condition for progress or for an award, this shall be clearly stated in the relevant course regulations.

The choice of classes 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 classes passed.

The University cannot guarantee that all optional classes will be available in any given academic year.

20.4.13 Course delivery, materials, assessed work and oral examination shall be in English unless stated otherwise in individual course regulations and published in the Course Handbook.

Dissertation, Report, Design or Project

20.4.14 The dissertation or report or the design or project shall be of a length and standard approved by the relevant Board of Study and shall normally be submitted by a date approved by the Board of Study and published in the appropriate Course Handbook.

20.4.15 Any dissertation or report or design or project submitted under the provisions of Regulation 20.4.14 shall be written in English. Exceptionally, a Board of Study may permit submission in a language other than English in which case a translation of the abstract as a minimum into English must accompany the dissertation or report or design or project.

Attendance and Performance

20.4.16 Every applicant admitted to a course of study shall be required to attend regularly and to perform satisfactorily the work of each class in their curriculum.

A student who, in the opinion of the Head(s) of the Department(s) (or nominee(s)) offering a class and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, shall not be entitled to take the examination in the subject of that class and shall be so informed. A student may subsequently be permitted by the Course Director (or nominee) to take the examination in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

20.4.17 Students have an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

Examinations and Assessment

20.4.18 The Board of Examiners shall consist of not less than two members of academic staff responsible for the conduct of the course and one External Examiner. The Course Director, following consultation with the Head of Department, will identify a member of University staff to convene the Board of Examiners.

20.4.19 Students shall normally complete the assessments during the academic year in which the classes were undertaken unless permitted by the relevant Board of Study to postpone the assessment.

20.4.20 Taught classes shall be assessed by

(i) coursework assignments; or

(ii) written examinations; or

(iii) oral examinations; or

(iv) any combination of the above

unless specified otherwise in the relevant Course Handbook.

Except where a course includes an integrative/reflective class that will draw on work in other classes, each item of work may only be assessed in one class.

The Board of Examiners may exceptionally permit alternative forms of assessment or re-assessment for a taught class where they consider it to be in a student’s interest.

At the discretion of the Board of Examiners or Course Director (or nominee) and, where appropriate, in conjunction with the External Examiner, a student may be required to attend and participate in an oral examination.

The examination of a dissertation shall normally be undertaken by an Examining Committee comprising no fewer than one Internal and one External Examiner nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate.

20.4.21 Candidates 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.

20.4.22 A student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 20.4.16 shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide. The nature of re-assessment shall be identified in class descriptors and/or Course Handbooks. The attempt shall normally be made at the next available diet of examinations.

20.4.23 In the case of re-assessment, the Board of Examiners may also require the student to re-attend the class.

20.4.24 The Board of Examiners may discount an attempt for a taught class where appropriate medical or other evidence has been provided subject to report to the relevant Board of Study.

20.4.25 Notwithstanding the provisions of Regulation 20.4.22, a candidate will be permitted to revise and re-submit their dissertation or report or design or project, in whole or in part, where there are medical, personal or other circumstances which have adversely affected their performance. In these circumstances, permission may be granted by the Board of Examiners concerned, subject to a report of any cases to the relevant Board of Study.

Award of Credits

20.4.26 A student who satisfies the Board of Examiners for a given class will be awarded the number of credits for that class.

Progress of Students

20.4.27 At all stages of the course, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

20.4.28 Subject to prior approval of the Senate, Boards of Study may permit a Board of Examiners to apply compensation procedures according to prescribed criteria. In such cases, the criteria shall be detailed in the Course Handbooks.

20.4.29 The Board of Examiners shall report to the relevant Board of Study which, acting on behalf of the Senate, shall ratify one of the following decisions:

(i) award of the appropriate degree;

(ii) withhold the award of the degree or other qualification pending further study or submission/resubmission of assignments, dissertation or report or design or project;

(iii) transfer the student’s registration;

(iv) require the student to withdraw.

Suspension, Transfer of Registration or Withdrawal

20.4.30 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of an academic year or transfer between full-time and part-time study where available or transfer to a related postgraduate course by instruction where available.

20.4.31 Where a student has failed to satisfy the Board of Examiners, the relevant Board of Study, acting on behalf of the Senate and in accordance with the recommendation of the Board of Examiners, may

(i) place the student in suspension; or

(ii) offer the student the opportunity to transfer to a related Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or

(iii) require the student to withdraw.

20.4.32 Notwithstanding Regulation 20.4.29, a student who is reported to the relevant Board of Study under Regulation 20.4.16 for persistent non-attendance at classes, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the course.

20.4.33 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against Suspension, Transfer of Registration or Withdrawal

20.4.34 A student who has received an adverse decision in terms of Regulation 20.4.31 or 20.4.32 may appeal to the relevant Board of Study for reconsideration of the case.

20.4.35 The grounds for appeals under Regulation 20.4.34 may be any of the following:

(i) 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

(ii) notwithstanding the student’s obligations under Regulation 20.4.17, 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

(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Such an appeal shall be lodged in writing with the relevant Faculty Officer 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. The appeal shall be supported by appropriate documentary evidence not previously available.

20.4.36 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Such an appeal shall be lodged in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student will have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.4.37 In order to qualify for a University of Strathclyde award, a student who has been granted exemption from part of a University of Strathclyde course through Credit Transfer or RPL (in accord with Regulation 20.4.3) must gain from the University of Strathclyde course curriculum a minimum of one-third of the credits required for that award.

20.4.38 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general and course regulations will, on payment of the required fees, be entitled to receive the appropriate award. To qualify for the award, a candidate must have obtained passes in classes at all levels of the curriculum as specified in the course regulations. The candidate will receive a parchment setting forth the Department in which the award has been granted.

Regulations for the Degree of Doctor of Science and the Degree of Doctor of Letters

20.5.1 The degree of Doctor of Science (DSc) or Doctor of Letters (DLitt) may be conferred by the University upon the conditions hereinafter mentioned. The following may be admitted as a candidate for the degree of Doctor of Science or Doctor of Letters:

20.5.2 A graduate of the University of Strathclyde of not less than five years' standing.

20.5.3 A graduate of not less than five years' standing of an approved university, or a person who has held for not less than five years some other qualification specially recognised by the Senate as equivalent for this purpose, provided that they have held for a period or periods totalling at least three years such office or offices in the University of Strathclyde or in an institution in association with the University as the Senate may approve.

20.5.4 In order to qualify for the award of the degree of Doctor of Science or Doctor of Letters a candidate must have made an original and distinguished contribution to learning. The published work should provide evidence that:

1. it is a substantial contribution to a major field of study over a significant period of time
2. the candidate is a leading authority in the field, and where appropriate,
3. has been involved in major innovations and new developments in that field.

20.5.5 The submission for the degree of Doctor of Science or Doctor of Letters shall be subject to initial internal review to ensure that the candidate and their work meet the criteria required to be put forward for examination.

20.5.6 Every candidate for the degree of Doctor of Science or Doctor of Letters shall be required to submit (in a form prescribed by the Senate) three sets of the published works which they wish to submit for examination together with any additional unpublished work, three copies of a summary of not less than 1000 words outlining the contents thereof and three copies of a list of all works published by the candidate whether included in the submission or not. A candidate may submit work for which they have been jointly responsible provided that such work is accompanied by a signed statement clearly defining the extent of the candidate's contribution to such work.

20.5.7 A candidate who has previously submitted the material or any part of it for examination for a degree, including a Higher Doctorate, of the University or of any other institution must declare this on their submission form.

20.5.8 A candidate should not submit material which they have presented for a lower degree unless they consider that its omission would result in an inadequate representation of their research.

20.5.8 Any dissertation submitted must be written in English. Exceptionally, having regard to the nature and content of the dissertation, the Board of Study concerned, acting on behalf of Senate, may permit submission in another language, in which case a translation of the abstract as a minimum into English must accompany the dissertation.

20.5.7 Two sets of the material submitted shall remain the property of the University unless the submission is unsuccessful in gaining the award of DSc or DLitt when only a copy of the summary and a record of the items submitted will be retained. One set of the material successfully submitted shall be deposited in the University Library.

20.5.8 The work shall be examined by not less than three External Examiners. The examiners shall be appointed by the Senate and shall be required to submit to the Senate individual confidential judgements of the candidate's work. A convenor will also be appointed.

20.5.9 No person will be accepted as a candidate more than twice and no candidate may apply for re-examination until five years have elapsed from the original date of submission.

20.5.10 Nothing in these regulations shall be held to restrict or govern the conferment of the degrees as honorary degrees according to the terms of Ordinances by which the conferment of the degree of Doctor of Science and of the degree of Doctor of Letters as honorary degrees is now or may hereafter be regulated.

20.6 Format and Submission of Theses

[These regulations are to be read in conjunction with Regulations 3 and Regulations 20.1 – 20.5.]

Regulations for Format

The regulations relating to the format of theses, dissertations, designs or reports submitted in pursuance of higher degrees by research and scholarship in accordance with Regulations 20.1 – 20.5 are given below; it should be noted that they are specific in relation to two copies only and that the candidate may make whatever arrangements he/she wishes for additional copies. Examples of the required format, method of production and binding of these may be seen on application at the Enquiry Desk of the Andersonian Library where details of firms that undertake binding may also be obtained. Enquiries regarding the format of theses should be made at the Enquiry Desk.

Number of Copies (Final Approved Examined)

20.6.1 A candidate is required to submit one bound copy and one digital copy.

Materials Specification

20.6.2 The materials used for the print copy shall be of high quality and conform, whenever possible, to the appropriate British or International standard. The digital copy should be a single electronic file and shall be a facsimile of the print version.

Specification

The print copy shall be on good quality paper of International size A4 (210mm x 297mm). The electronic file of the digital copy shall be in PDF format.

Method of Production

20.6.3 The text (including the summary) shall be in printed form and of such a quality as will ensure a high standard of reproduction. All other material submitted (e.g. computer print-outs, diagrams, and maps) shall be of concomitant quality.

Abstract

20.6.4 The thesis, dissertation, design or report shall include an abstract of the contents, not exceeding three hundred words in length, which shall be bound in at the beginning of the general text.

Title Page

20.6.5 The thesis, dissertation, design or report shall contain a title page or equivalent designator giving the name of the University Department or group of Departments, the title of the thesis, the name of the author, the degree and the year of submission of the thesis. Each separate component of the thesis shall contain such a title page or equivalent designator.

Declaration of Authenticity and Author's Rights

20.6.6 The thesis, dissertation, design or report shall include, on the page immediately subsequent to the title-page, the following declarations of authenticity and author's rights:

‘This thesis is the result of the author’s original research. It has been composed by the author and has not been previously submitted for examination which has led to the award of a degree.’

'The copyright of this thesis belongs to the author under the terms of the United Kingdom Copyright Acts as qualified by University of Strathclyde Regulation 3.50. Due acknowledgement must always be made of the use of any material contained in, or derived from, this thesis.’

Signed: Date:

Previously Published Work

20.6.7 A candidate who submits a thesis consisting in whole or in part of previously published work for which they have been responsible must submit with their thesis a signed statement clearly defining the extent of their contribution to such work.

**Previously Submitted Material**

20.6.8 A candidate should not submit material which they have presented for another degree unless they consider that its omission would result in an inadequate representation of their research. A candidate who has previously submitted the material, or any part of it, for examination for a degree of the University or of another institution must declare this in writing when submitting their thesis. In this case the declaration required by Regulation 20.6.6 should read

‘This thesis is the result of the author’s original research. It has been composed by the author and contains material that has been previously submitted for examination leading to the award of a degree at *(institution)* in *(year)*.’

Signed: Date:

Length

20.6.9 The length of the thesis shall be as set out in Regulations 20.1 – 20.5.

Language

20.6.10 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

Layout

20.6.11 The text shall appear on the recto side of the page only, lines double or one and-a-half spaced. There shall be a margin (before trimming) of 40mm at the left-hand (binding) edge, 25mm at the fore edge, of 20 mm at the head of the page and of 40mm at the tail. Illustrations, diagrams, tables, etc, may appear on either side of the page, whether or not the other side is blank, provided that legibility is not impaired. The margin should conform as far as possible to that specified above for text pages; in any event, there must be an adequate binding edge margin.

Pagination

20.6.12 Text pages shall be numbered in continuous sequence irrespective of volumes. Preliminary material (e.g. contents pages and abstract) and appendices may be given separate pagination. Pages on the verso side, if they bear authorised material, shall be numbered according to the facing page with the affix A.

Covers and binding

20.6.13 The covers shall be board covered in black buckram. Both copies shall be sewn, preferably on tapes.

Lettering

20.6.14 The lettering on all copies shall be in gold. On the front board shall appear the title, in 24-point capitals, and the author's name, in 18-point capitals. On the spine shall appear in 14-point capitals the author's surname, followed by the author's initials, the degree for which the thesis was submitted, and the year of submission. 14-point lower case letters shall be used in the name of the degree, as appropriate. The direction of the lettering shall run from the base of the spine.

Regulations for Submission of Theses

Submission

20.6.15 A candidate for a higher degree by research (other than the degree of DSc or DLitt) who is required under the provisions of Regulations 20.1 – 20.4 to submit a thesis, dissertation, design or report shall submit two copies of any such work, which shall thereupon become the property of the University. In the first instance one electronic upload to the PGR Examination Management site via SharePoint. Students will receive notification upon approval of their Examination Committee to upload their thesis for examination. Students will be notified accordingly should they be required to submit physical soft-bound versions of their thesis for examination in addition to their electronic upload.

Upon submission of the electronic thesis for examination the candidate’s

Supervisor(s) will be notified and required to confirm that their candidate has complied with the regulations that relate to the award for which they are a candidate (Regulation 20.1.15).

Prior to any award being made, the candidate must submit a hard bound copy of their final approved thesis to Student Experience and a digital copy must be made available to the University of Strathclyde Institutional Repository via the PGR Examination Management site.

Supplementary Material

20.6.16 A thesis may be accompanied by supplementary material of a non-print form. Such material, where possible, shall accord with University guidelines (available from the Student Experience – Student Business ). Copies of the supplementary material shall be submitted with both the print and the digital copies of the thesis. The supplementary material to the printed copy may be submitted in a separate portfolio. The portfolio shall conform to the Regulations governing the size, binding and external appearance of theses.

Property Rights

20.6.17The copies of the thesis in either digital or print format and any supplementary material in either digital or print format shall become the property of the University.

Consultation

20.6.18 See the regulations governing University of Strathclyde Theses in the Library Regulations [Regulation 3].

Moratorium

20.6.19 At the request of the author of the thesis or the supervisor and notwithstanding Regulations 20.1 – 20.5, a moratorium may be imposed by the appropriate Head of Department preventing the consultation, loan and reproduction of the thesis and any supplementary material for a maximum period of two years from the date of the award in respect of which the thesis was submitted. In exceptional circumstances, the period of moratorium may subsequently be extended for a further maximum period of up to three years by the Quality Assurance Committee.

20.7 Institutions in Special Relationship with the University

[Note: The Regulations for Higher Degrees refer in a number of places to institutions in special relationship with the University. The Senate has adopted the following definition of this term.]

20.7.1 A research institution or industrial organisation may be accepted as being in special relationship with the University where the Senate is satisfied that it has outstanding research potentiality and where there would be substantial material benefit in the relationship.

20.7.2 It is an essential prerequisite that the institution seeking special relationship shall have on its staff Visiting Professors of the University.

20.7.3 The status of special relationship will be conferred by the Senate and the Court acting jointly.

20.8

to 20.14 (Numbers not used)

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICAL SCIENCES

MRes in Mathematical Sciences

Course Regulations

[These regulations are to be read in conjunction with Regulations 20.4]

Admission

20.15.1 Regulation 20.4.1 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 Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

20.15.2Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.15.3 The course is available by full-time and part-time study.

Curriculum

20.15.4 All students shall undertake an approved curriculum as follows:

Compulsory Class Level Credits

MM 551 MRes Research Project 5 120

Optional Classes\*

No fewer than 60 credits chosen from

MM 552 Applied Analysis and PDEs 1 5 15

MM 553 Applied Analysis and PDEs 2 5 15

MM 554 Applied Mathematics Methods 1 5 15

MM 555 Applied Mathematics Methods 2 5 15

MM 556 Mathematical Models 1 5 15

MM 557 Mathematical Models 2 5 15

MM 558 Pure Analysis 1 5 15

MM 559 Pure Analysis 2 5 15

MM 560 Statistics 1 5 15

MM 561 Statistics 2 5 15

MM 562 Probability 1 5 15

MM 563 Probability 2 5 15

\* Such other Level 5 classes chosen from Regulations 16.15.8 as may be approved by the Course Director.

Examination, Progress and Final Assessment

20.15.5 Regulations 20.4.21 and 20.4.27 shall apply.

20.15.6 The final assessment will be based on performance in the written examinations, the coursework, the Research Skills Training, Project and, if required, in an oral examination.

Award

20.15.7 **Degree of MRes:** In order to qualify for the degree of MRes, a candidate 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 MM 551.

Transfer

20.15.8 A candidate who fails to satisfy the progress or award requirements for the degree of MResin Mathematical Sciences may be transferred to the Postgraduate Diploma or the Postgraduate Certificate in Mathematical Sciences provided the appropriate performance in taught elements.

20.15.9

to 20.15.99 (Numbers not used)

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

**OPTICAL MEDICAL IMAGING WITH HEALTHCARE INNOVATION AND ENTREPRENEURSHIP**

**PhD with Integrated Study in Optical Medical Imaging with Healthcare Innovation and Entrepreneurship**

**20.16** [The General Regulations for 20.1 General Regulations for the Degrees of Doctor of Philosophy and Doctor of Engineering of the University of Strathclyde shall not normally apply.]

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.

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.

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

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

**PhD IN PHARMACEUTICAL TECHNOLOGY**

To be read in conjunction with 20.1

**Admissions**

20.16.1 Regulation 20.1.a shall apply

**Curriculum**

20.16.2 Regulation 20.1.b shall apply

**Progress**

20.16.3 Regulation 20.1.c shall apply

**Award**

20.16.4 In order to qualify for the award of the degree of PhD in Pharmaceutical Technology a student must perform to the ratification of the Board of Examiners and have passed the 60 credits associated with the PGR Certificate.

20.16.5 **Transer**

A candidate who fails to satisfy the progress or award requirements for the degree of PhD in Pharmaceutical Technologymay be transferred to the MPhil in Pharmaceutical Technology.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

MRes in Physics

MRes in Physics (in specific research area)

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.17.1 Regulation 20.4.1 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.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

20.17.2Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.17.3 The course is available by full-time and part-time study.

Curriculum

20.17.4 Students will follow a specialisation that relates to the research interests of the Department.

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 classes.

Compulsory Classes Level Credits

PH 950 Research Skills 5 20

PH 987 Project 5 120

Optional Classes

All students shall take classes amounting to 40 credits chosen from Regulations 12.17.11 and 19.17.54

Examination, Progress and Final Assessment

20.17.5 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.

20.17.6 The final assessment will be based on performance in the examinations, coursework, and the Project.

Award

20.17.7 **Degree of MRes in Physics and Degree of MRes in Physics (in specific research area):** In order to qualify for the degree of MRes in Physics or degree of MRes in Physics (in specified research area), 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 PH 987.

Transfer

20.17.8 A candidate for the degree of MRes who fails to meet the requirements for the award of the degree, but who has satisfied the requirements for the award of the Postgraduate Diploma in Advanced Physics may be considered for the award of the Postgraduate Diploma and have his or her registration so transferred subject to the approval of the Board of Study, acting on behalf of Senate, and in accordance with the recommendation of the Board of Examiners.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

APPLICATIONS OF NEXT GENERATION ACCELERATORS

PhD in Applications of Next Generation Accelerators

[These regulations are to be read in conjunction with Regulation 20 and 20.1]

*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 classes offered by the external partners have been through the appropriate QAA processes*

Admission

20.18.1 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.18.2 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

20.18.3 The course is available by full-time study only.

Place of Study

20.18.4 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

20.18.5 All students shall undertake research projects together with the following

First Year

20.18.6 All students shall undertake an approved curriculum of at least 180 comprising classes offered by Strathclyde and the partner institutions as follows

Compulsory Classes 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**

Biomedical Accelerator Applications15

Energy & Security Applications 15

Research Skills 1 15

Research Skills 2 15

Radiation Physics 15

Radiation Biology 15

Cockcroft Lectures 10

Optional Classes

No fewer than 15 credits chosen from the classes listed in Regulation 20.xx.9

Second Year

20.18.7 All students shall commence their doctoral research project and undertake an approved curriculum as follows

Compulsory Classes Level Credits

PH986 Project 3 5 15

Third and Fourth Years

20.18.8 All students shall continue a doctoral research project.

Classes offered by members of the Centre for Doctoral Training

20.18.9

**Strathclyde**

PH984 Plasma Physics A 5 5

PH985 Laser Driven Plasma Accelerators 5 5

**Scottish Universities Physics Alliance**

Mathematical Modelling 5

Nuclear Instrumentation 5

Discussion Classes 5

**Surrey**

Computers in Medicine and Safety Issues 15

Applications of Ionising Radiation 15

**Queen’s University Belfast**

Plasma Physics B 20

Physics and Medicine 20

Medical Physics and Applications 20

Progress

20.18.10 In order to proceed to the second year of the course, a student must have performed at the appropriate standard and achieved at least 180 credits from the course curriculum.

20.18.11 In order to proceed to the third year of the course, a student must normally have accumulated at least 195 credits from the course curriculum. A student must also satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.

20.18.12 In order to proceed to the fourth year of the course, a student must satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.

Award

20.18.13 **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 from the course curriculum

(ii) submitted a suitable thesis

and

(iii) performed satisfactorily in an oral examination.

20.18.14 **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 course curriculum

(ii) submitted a suitable thesis and if necessary, performed satisfactorily in an oral examination.

**Transfer**

20.18.15 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.

20.18.16 to

20.21 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

BIOMEDICAL SCIENCES

MRes in Biochemistry

MRes in Immunology

MRes in Microbiology

MRes in In Vivo Sciences

MRes in Neuroscience

MRes Parasitology

MRes in Pharmacology

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.22.1 Regulation 20.4.1 shall apply.

Duration of Study

20.22.2Regulations 20.4.5 shall apply.

Notwithstanding regulation 20.4.6 the maximum period of study shall be as follows

*For full-time study*

Masters by full-time study 16 months

*For part-time study*

Masters by part-time study 36 months elapsed time

Nature of Study

20.22.3 The course is available by full-time and part-time study.

Curriculum

20.22.4 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

MP 931 Generic Biomedical and Pharmaceutical

Research Skills 5 20

Z1 931 Entrepreneurship, Innovation and

Commercialisation 5 10

Optional Classes\*

No fewer than 150 credits including 120 from List A and no fewer than 10 from

each of Lists B and C.

**List A**

MP 961 Biochemistry Project and Thesis 5 120

MP 962 Immunology Project and Thesis 5 120

BM 915 In vivo Project and Thesis 5 120

MP 963 Microbiology Project and Thesis 5 120

MP 964 Molecular Biology Project and Thesis 5 120

BM 916 Neuroscience Project and Thesis 5 120

MP 965 Parasitology Project and Thesis 5 120

MP 966 Pharmacology Project and Thesis 5 120

**List B**

MP 941 Advanced Techniques in Biochemistry 5 10

MP 942 Advanced Techniques in Biomedical Research 5 10

MP 944 Advanced Techniques in Immunology 5 10

MP 968 Advanced Techniques in In Vivo Biology 5 10

MP 945 Advanced Techniques in Microbiology 5 10

MP 946 Advanced Techniques in Molecular Biology 5 10

MP 947 Advanced Techniques in Pharmacology 5 10

MP 977 Advanced Techniques in Toxicological Analysis 5 10

**List C**

MP 951 Advanced Topics in Biochemistry 5 10

MP 953 Advanced Topics in Immunology 5 10

BM 901 Advanced Applications of In vivo Research 5 10

MP 954 Advanced Topics in Microbiology 5 10

BM 902 Advanced Topics in Neuroscience 5 10

MP 955 Advanced Topics in Molecular Biology 5 10

MP 956 Advanced Topics in Parasitology 5 10

MP 957 Advanced Topics in Pharmacology 5 10

MP 976 Advanced Topics in Toxicology 5 10

To qualify for the award of the degree of MRes the student must normally undertake the following classes:

*Biochemistry:* MP941, MP951 and MP961

*Immunology:* MP944, MP953 and MP962

*In vivo Sciences* BM 915, MP 968, BM 901

*Microbiology:* MP945, MP954 and MP963

*Molecular Biology:* MP946, MP955 and MP964

*Neuroscience:* BM916, BM902 and an appropriate techniques class from option list B

*Parasitology:* MP956, MP965 and an appropriate techniques class from option list B

*Pharmacology:* MP947, MP957 and MP966

Examination, Progress and Final Assessment

20.22.5 Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.

20.22.6 The final assessment will be based on performance in the written examinations, the coursework, the Project and Thesis and, if required, in an oral examination.

Award

20.22.7**Degree of MRes:** In order to qualify for the degree of MRes, a candidate 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 Project and Thesis.

**Transfer**

20.22.8 A candidate who fails to satisfy the progress or award requirements for the degree of MRes may be transferred to the Postgraduate Certificate in Biomedical Sciences provided the appropriate progress regulations are satisfied.

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**PHARMACEUTICAL SCIENCES**

**MRes in Drug Delivery Systems**

**MRes in Drug Discovery**

**MRes in Toxicology**

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.22.11 Regulation 20.4.1 shall apply

Duration of Study

20.22.12Regulations 20.4.5 shall apply.

Notwithstanding regulation 20.4.6 the maximum period of study shall be as follows:

*For full-time study*

MRes by full-time study 16 months

*For part-time study*

MRes by part-time study 36 months elapsed time

Nature of Study

20.22.13 The course is available by full-time and part-time study.

Curriculum

20.22.14 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

MP 931 Generic Biomedical and Pharmaceutical

Research Skills 5 20

Z1 931 Entrepreneurship, Innovation and

Commercialisation 5 10

Optional Classes\*

No fewer than 150 credits including 120 from List A and at least 10 from each of Lists B and C.

**List A**

MP 903 Drug Delivery Project and Thesis 5 120

MP982 Drug Discovery Project and Thesis 5 120

MP 967 Pharmaceutical Materials and Formulation

Project and Thesis 5 120

MP 935 Toxicology Project and Thesis 5 120

**List B**

MP 943 Advanced Techniques in Drug Delivery 5 10

MP979 Advanced Techniques in Drug Discovery 5 10

MP 948 Advanced Techniques in Pharmaceutical

Materials and Formulation 5 10

MP977 Advanced Techniques in Toxicological Analysis 5 10

MP 968 Advanced Techniques in In vivo Research 5 10

**List C**

MP 952 Advanced Topics in Drug Delivery 5 10

MP978 Advanced Topics in Drug Discovery 5 10

MP 955 Advanced Topics in Molecular Biology 5 10

MP 957 Advanced Topics in Pharmacology 5 10

MP 958 Advanced Topics in Pharmaceutical

Materials and Formulation 5 10

MP976 Advanced Topics in Toxicology 5 10

To qualify for the award of the degree of MRes the student must normally undertake the following combination of classes

***Drug Delivery Systems****:* MP903, MP943 and MP952or

MP967, MP948 and MP958

**Drug Discovery:**MP982, MP979 and MP978

***Toxicology*:** MP 9ea, MP977 and MP976

Examination, Progress and Final Assessment

20.22.15 Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.

20.22.16 The final assessment will be based on performance in the written examinations, the coursework, the Project and Thesis and, if required, in an oral examination.

Award

20.22.17**Degree of MRes:** In order to qualify for the degree of MRes, a candidate 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 Project and Thesis.

**Transfer**

20.22.18 A candidate who fails to satisfy the progress or award requirements for the degree of MResmay be transferred to the Postgraduate Certificate in Pharmaceutical Sciences or Biomedical Sciences provided the appropriate progress regulations are satisfied.

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

CLINICAL PHARMACY

MRes in Clinical Pharmacy

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.22.19 Regulation 20.4.1 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.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

20.22.20 Regulations 20.4.5 and 20.4.6 shall apply.

Nature of Study

20.22.21 The course is available by full-time and part-time study. The course consists of training in research methods and includes a substantial research project and training in transferable research skills.

Curriculum

20.22.22 All students shall undertake an approved curriculum as follows

Classes Level Credits

MP 922 Research Project 5 120

MP 923 Clinical Induction 5 20

MP 924 Clinical Assignment 1 5 20

MP 925 Health Service Skills 5 20

Such other Level 5 classes as may be approved by the Course Director.

Students who have appropriate experience or training on entry to the programme may be considered for the award of the credits for the classes *MP 923 Clinical Induction* and/or *MP 924 Clinical Assignment 1* as Recognised Prior Learning.

Examination, Progress and Final Assessment

20.22.23 Candidates are required to pass written examinations and to perform to the satisfaction of the examiners in the course work and in the Research Project.

20.22.24 The final assessment will be based on performance in the written examinations, the coursework, the Research Project and, if required, in an oral examination.

Award

20.22.25 **Degree of MRes:** In order to qualify for the degree of MRes in Clinical Pharmacy a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 140 must have been awarded in respect of *MP 925 Health Service Skills* and *MP 922 Research Project*.

Transfer

20.22.26 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Clinical Pharmacy may be transferred to the Postgraduate Certificate in Clinical Pharmacy.

20.22.27

to 20.22.30 (Numbers not used)

FACULTY OF SCIENCE

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

PHARMACY

Doctor of Pharmacy

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 20 and 20.2]

**Admission**

20.22.31 Regulation 20.2.1 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**

20.22.32 Notwithstanding Regulation 20.2.4, 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 course.

**Mode of Study**

20.22.33 The course is available by full-time and part-time study.

**Place of Study**

20.22.34 The doctoral research project may take place within Strathclyde or at the place of employment approved by the Board of Study.

**Curriculum**

**First Year**

20.22.35 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

MP 932 Clinical Skills 5 60

MP 933 Research Skills 5 60

MP 934 Literature Review 5 60

**Second, Third and Fourth Years**

20.22.36 All students shall undertake a doctoral research project.

Examination, Progress and Final Assessment

20.22.37 Candidates are required to pass classes and to perform to the satisfaction of the Board of Examiners in the taught component of the course.

20.22.38 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) 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.

20.22.39 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 Regulation 20.2.10

Award

20.22.40 **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.

Transfer

20.22.41 A candidate who fails to satisfy the requirements for the award of the DPharm may be transferred to the MRes in Clinical Pharmacy.

20.22.42

to 20.22.100 (Numbers not used)

**FACULTY OF SCIENCE**

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

**INFORMATION SCIENCE**

**Doctor of Information Science (DInfSci)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulations 20 and 20.2]

**Admission**

1. 23.1 Notwithstanding Regulation 20.2.1, successful applicants shall normally possess
   1. a Master’s degree in a relevant discipline from a university in the United Kingdom; or
   2. a qualification deemed by the Course Director (or nominee) acting on behalf of Senate to be equivalent to (i) above; or
   3. be deemed by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In addition, successful applicants shall also possess

* 1. a relevant professional qualification;
  2. normally, at least 10 years’ relevant experience.

**Duration of Study**

20.23.2 Notwithstanding Regulation 20.2.5, the minimum duration of study willnormally be

for the degree of DInfSci by full-time study – 36 months

for the degree of DInfSci by part-time study – 48 months

Notwithstanding Regulation 20.2.6, the maximum duration of study will normally be

for the degree of DInfSci by full-time study – 60 months

for the degree of DInfSci by part-time study – 96 months.

**Mode of Study**

20.23.3 The course is available by full-time and part-time study. All students undertake a curriculum comprising classes which are modular in nature and consist of formal tuition, independent study and supervised research.

**Curriculum**

20.23.4 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CS 9aa | Specialist Knowledge | 5 | 60 |
| CS 9bb | Research Methods | 5 | 60 |
| CS 9cc | Literature and Scholarship | 5 | 60 |
| CS 9dd | Thesis | 5 | 300 |

**Examination, Progress and Final Assessment**

20.23.5 Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.

20.23.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the course before being permitted to proceed to the thesis.

20.23.7 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.

20.23.8 The final assessment will be based on performance in the coursework, the thesis and an oral examination.

**Award**

20.23.9 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**

20.23.10 A candidate who has accumulated no fewer than 120 credits in the taught component of the course will be eligible for the exit award of Postgraduate Diploma in Practitioner Research in Information Science.

20.23.11 A candidate who has accumulated no fewer than 180 credits in the taught component of the course will be eligible for the exit award of MSc in Practitioner Research in Information Science.

FACULTIES OF SCIENCE AND ENGINEERING: JOINT COURSES

SYSTEM LEVEL INTEGRATION

Doctor of Engineering in System Level Integration

20.30.1 [The General Regulations for Higher Degrees (Regulations 20 and 20.1) of the University of Strathclyde shall not apply, except with the agreement of the University of Glasgow.]

This course is offered jointly by the University of Strathclyde, the University of Edinburgh, the University of Glasgow and Heriot-Watt University and the awards are made in the name of all four universities. The Regulations are drawn up consequent upon a Memorandum of Co-operation which has been approved by Senate.

The taught component of the programmes may be delivered at university campuses, at the Institute of System Level Integration’s premises at Livingston or at independent work sites but all classes are taught by staff from the four universities. Students shall be subject to the Course Regulations that have been adopted by all four Universities and to any other General Regulations, etc. of the University at which they are studying.

For the current academic year, the administering University is the University of Glasgow and full details of Course Regulations applicable are shown in that University’s Calendar.

FACULTY OF ENGINEERING

FACULTY COURSES

MRes in Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 20.4]

Admission

20.40.1NotwithstandingRegulation 20.4.1, applicants shall possess

(i) a first or second class Honours degree from a United Kingdom university (in Engineering, a Physical Science or a 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) 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 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

20.40.2Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.40.3 The course is available by full-time and part-time study.

Curriculum

20.40.4All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 931 Research Protocols for Science and

Engineering 5 10

EF 925 Research Project 5 120

Either

DM 933 Engineering Risk Management 5 10

Or

EF 931 Project Management 5 10

Optional Classes

No fewer than 40 credits chosen from Level 5 classes offered by the Faculty of Engineering, as approved by the Director of Studies.

Examination, Progress and Final Assessment

20.40.5Regulation 20.4.21 shall apply.

20.40.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.40.7 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.40.8 **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 EF 925.

Transfer

20.40.9 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Engineering may be transferred to the Postgraduate Certificate in Engineering.

20.40.10 to

20.40.25 (numbers not used)

FACULTY OF ENGINEERING

FACULTY COURSES

NUCLEAR ENGINEERING

Doctor of Engineering (EngD) in Nuclear Engineering

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

*This degree is part of a collaborative EPSRC research initiative comprising the University of Strathclyde, Imperial College, the University of Bristol, the University of Leeds and the University of Sheffield. 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

20.40.26 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.40.27 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

20.40.28 The course is available by full-time study only.

Place of Study

20.40.29 Students will spend approximately 75% of their time undertaking a well-defined research project or portfolio of projects in collaboration with an industrial partner. The research will run continuously throughout the duration of the course and will be undertaken mainly in the industrial partners’ premises.

Students may also be required to attend the University of Manchester to undertake classes delivered in a “short course” format from the portfolio of MSc/MBA courses offered by the Manchester Business School, and by the Nuclear Technology Education Consortium (NTEC) MSc in Nuclear Science and Technology.

Curriculum

20.40.30 All students shall undertake research project(s) together with the following

Compulsory Class Level Credits

EE 953 External Study 1 (Management) 5 15

(The class *EE 953 External Study 1* comprises the University of Manchester’s Professional Development Programme, accredited by the Institution of Mechanical Engineers and the Institution of Electrical Technology as an approved Monitored Professional Development Scheme.)

First Year

20.40.31 All students shall undertake an approved curriculum as follows

Compulsory Classes

4 classes chosen from the curriculum of the Manchester University Diploma in Management. (See regulation 20.46.9)

together with Technical Classes as follows

Either

EE 954 External Study 2 (Management)\* 5 30

Or

No fewer than 30 credits chosen, with the permission of the student’s Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

\*The class *EE 954 External Study 2* comprises 2 classes chosen from the list in Regulation 20.46.10.

Second Year

20.40.32 All students shall undertake an approved curriculum as follows

Compulsory Classes

4 classes chosen from the list in Regulation 20.46.9

together with Technical Classes as follows

Either

EE 955 External Study 3\* 5 15

Or

No fewer than 20 credits chosen, with the permission of the student’s Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

\* The class *EE 955 External Study 3* comprises 1 class chosen from the list in Regulation 20.46.10.

Third and Fourth Years

20.40.33 All students shall undertake a doctoral research project.

Management Classes offered by the University of Manchester

20.40.34 The following classes will be undertaken from the University of Manchester Diploma in Management. Full details are available from the University of Manchester:

Project Management

Managerial Economics

Individuals, Groups and Organisations

Industrial Relations

Marketing Management

Total Quality Management

Management Accounting

Production Systems

Technical Classes offered by the Nuclear Technology Education Consortium

20.40.35 The following technical classes are available from the Nuclear Technology Education Consortium MSc in Nuclear Science and Technology. Full details are available from the University of Manchester.

Criticality Safety Management

Decommissioning Technology and Robotics

Decommissioning/Waste/Environmental Management

Design of Safety Critical Systems

Environmental Decision Making Applied to the Nuclear Industry

Environmental Impact Assessment

Geotechnical Aspects of Radioactive Waste Disposal

Management of the Decommissioning Process

Nuclear Fuel Cycle

Particle and Colloid Engineering in the Nuclear Industry

Policy, Regulation and Licensing

Processing, Storage and Disposal of Nuclear Waste

Public and Political Aspects of Nuclear Decommissioning

Radiation and Radiological Protection

Reactor Materials and Lifetime Behaviour

Reactor Physics, Criticality and Design

Reactor Thermal Hydraulics

Risk Management

Water Reactor Performance and Safety

Progress

20.40.36 In order to proceed to the second year of the course, a student must normally have accumulated 30 credits from the technical classes in the course curriculum, passed four classes from the Manchester University Diploma in Management Science and satisfied the research topic supervisory team that satisfactory progress is being made on the research project(s).

20.40.37 In order to proceed to the third year of the course, a student must normally have accumulated at least 45 credits from the technical classes in the course curriculum and obtained the Diploma in Management Science from the University of Manchester Business School. A student must also satisfy the research topic supervisory team that satisfactory progress is being made on the research project(s).

20.40.38 In order to proceed to the fourth year of the course, a student must satisfy the research topic supervisory team that satisfactory progress is being made on the research project(s).

Award

20.40.39 **Degree of EngD**: In order to qualify for the award of the degree of EngD in Nuclear Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have:

(i) accumulated at least 45 credits from the technical classes and 15 credits from *EE 953 External Study 1* in the course curriculum;

(ii) successfully completed the Diploma in Management Science from University of Manchester Business School;

(iii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;

(iv) performed satisfactorily in an oral examination.

20.40.40 to

20.40.99 (Numbers not used)

FACULTY OF ENGINEERING

FACULTY COURSES

**SENSORS AND IMAGING SYSTEMS**

**Doctor of Engineering in Sensors and Imaging Systems**

20.40.120 This course is offered jointly by the University of Strathclyde, the University of Edinburgh, the University of Glasgow and Heriot-Watt University. The awards are made in the name of one of these four 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 may be delivered at University campuses or at independent work sites but all classes are taught by staff from the four Universities. Students shall be subject to the Course Regulations that have been adopted by all four Universities and to any other General Regulations, etc., of the University at which they are registered.

For the current academic year, the administering university is Glasgow University and full details of Course Regulations applicable are shown in that University’s Calendar.

FACULTY OF ENGINEERING

FACULTY COURSES

**NON DESTRUCTIVE EVALUATION**

**Doctor of Engineering in Non Destructive Evaluation**

20.40.140 This course 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.

The taught component of the programmes will be delivered at the partner university campuses and all classes are taught by staff from the six universities. Students shall be subject to the Course Regulations that have been adopted by all six Universities and to any other General Regulations, etc., of the University at which they are registered.

For the current academic year, the administering university is Imperial College, London, and full details of Course Regulations applicable are shown in that University’s Calendar.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

**BUILDING DESIGN AND MANAGEMENT FOR SUSTAINABILITY**

**Master of Research in Building Design and Management for Sustainability**

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.41.1 Notwithstanding Regulation 20.4.1, applicants shall

(i) possess a first or second class Honours degree from a United Kingdom university (in Architecture, Engineering, or closely related subject); or

(ii) possess 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.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

20.41.2 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.41.3 The course is available by full-time and part-time study.

Curriculum

20.41.4 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

22 563 Ecology, Sustainability and the Built

Environment 4 10

AB 930 Construction Project Management 5 10

AB 975 Sustainability 5 10

CL 931 Research Protocols in Science and Engineering 5 10

AB 972 Research Project 5 120

Optional Classes

No fewer than 20 credits chosen from Level 5 classes offered within the Faculty of Engineering, as approved by the Course Director.

CL 955 Environmental Management Systems 5 10

CL 956 Environmental Business Strategy 5 10

EF 931 Project Management 5 10

EF 932 Risk Management 5 10

EF 933Design Management 5 10

EV 939 Environmental Impact Assessment 5 10

Examination, Progress and Final Assessment

20.41.5 Regulation 20.4.21 and 20.4.22 shall apply.

20.41.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.41.7. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.41.8 **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 AB 972.

Transfer

20.41.9 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Building Design and Management for Sustainability may be transferred to the Postgraduate Certificate in Building Design and Management.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

**MRes in Biomedical Engineering**

**MRes in Biomedical Engineering with Biomechanics**

**MRes in Biomedical Engineering with Cell and Tissue Engineering**

**MRes in Biomedical Engineering with Medical Devices**

**MRes in Biomedical Engineering with Prosthetics and Orthotics Technologies**

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.42.1 Regulations 20.4.1 and 20.4.2 shall apply.

Duration of Study

20.42.2 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.42.3 The course is available by full-time and part-time study.

Credit Transfer and Recognition of Prior Learning

20.42.4 At the discretion of the Head of Department, or Course Director credit transfer and RPL may be granted for up to 34% of the course.

Curriculum

20.42.5 All students shall undertake an approved curriculum as follows

Compulsory Classes 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 Course Director.

***MRes in Biomedical Engineering with Biomechanics***

BE916 Introduction to Biomechanics 5 10

No fewer than 10 credits chosen from the list of optional classes

***MRes in Biomedical Engineering with Cell and Tissue Engineering***

BE901 Regenerstive Medicine and Tissue Engineering 5 10

No fewer than 10 credits chosen from the list of optional classes

***MRes in Biomedical Engineering with Medical Devices***

BE920 The Medical Device Regulatory Process 5 10

No fewer than 10 credits chosen from the list of optional classes

***MRes in Biomedical Engineering with Prostheitics and Orthotics Technologies***

BE902 Prosthetics and Orthotics 5 10

No fewer than 10 credits chosen from the list of optional classes

***Biomedical Engineering***

No fewer than 20 credits chosen from the list of optional classes 5 20

Optional Classes

BE 916 Introduction to Biomechanics 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 900 Tissue Mechanics 5 10

BE 909 Biomedical Electronics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 906 Biomaterials and biocompatibility 5 10

BE 903 Cardiovascular Devices 5 10

BE 908 Biomedical Instrumentation 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in

Biomedical Engineering 5 10

Examination, Progress and Final Assessment

20.42.6 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.

20.42.7 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the compulsory taught components of the course before being permitted to proceed to the project.

20.42.8 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.42.9 **Degree of MRes**: In order to qualify for the award of the degree of MRes in Biomedical 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 120 must have been awarded in respect of the project BE913.

20.42.10 **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 classes of the course curriculum.

Transfer

20.42.11 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Biomedical Engineering may be transferred to the Postgraduate Certificate in Biomedical Engineering provided the appropriate progress regulations are satisfied.

20.42.12

to 20.42.20 (Number not used)

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL DEVICES

Doctor of Engineering (EngD) in Medical Devices

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

Admission

20.42.21 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.42.22 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

20.42.23 The course is available by full-time study only.

Credit Transfer and Recognition of Prior Learning

20.42.24 As permitted by Regulation 19.1 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Curriculum

First Year

20.42.25 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

BE 915 Medical Science for Engineering 5 20

MP 931 Generic Biomedical and Pharmaceutical

Research Skills 5 20

BE 910 EngD/MSc Medical Devices Project 5 20

BE 918 Professional Studies in Biomedical Engineering 5 10

BE 919 Research Methodology 5 10

BE 909 Biomedical Electronics 5 10

BE 908 Biomedical Instrumentation 5 10

MP 942 Advanced Techniques in Biomedical Research 1 5 10

BE 920 The Medical Device Regulatory Process 5 10

Optional Classes

No fewer than 60 credits chosen from

BE 916 Introduction to Biomechanics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 900 Tissue Mechanics 5 10

BE 906 Biomaterials and Biocompatibility 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 903 Cardiovascular Devices 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in Biomedical Engineering 5 10

MP 968 In Vivo Biology 5 10

MP 979 Drug Discovery 5 10

MP 977 Toxicological Analysis 5 10

**Second, Third and Fourth Years**

20.42.26 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 Regulation 20.1).

Examination, Progress and Final Assessment

20.42.27 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.

20.42.28 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

20.42.29 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) 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

20.42.30 **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 Regulation 20.1

Transfer

20.42.31 A candidate who fails to satisfy the progress or award requirements of the EngD may be transferred to the MSc in Medical Devices.

20.42.32

to 20.42.40 (Numbers not used)

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

MEDICAL TECHNOLOGY

MRes in Medical Technology

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.42.41 Regulation 20.4.1 and 20.4.2 shall apply.

Duration of Study

20.42.42 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.42.43 The course is available by full-time and part-time study.

Curriculum

20.42.44 Compulsory Classes Level Credits

BE 918 Professional Studies in Biomedical Engineering 5 10

BE 919 Research Methodology 5 10

BE 913 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 Course Director.

BE920 The Medical Device Regulatory Process 5 10

No fewer than 10 credits from the list of optional classes

Optional Classes

BE 916 Introduction to Biomechanics 5 10

BE 902 Prosthetics and Orthotics 5 10

BE 901 Regenerative Medicine & Tissue Engineering 5 10

BE 900 Tissue Mechanics 5 10

BE 909 Biomedical Electronics 5 10

BE 904 Clinical and Sports Biomechanics 5 10

BE 905 Bio-signal Processing and Analysis 5 10

BE 906 Biomaterials and biocompatibility 5 10

BE 903 Cardiovascular Devices 5 10

BE 908 Biomedical Instrumentation 5 10

BE 923 Haemodynamics for Engineers 5 10

BE 924 Medical Robotics 5 10

BE 925 Numerical Modelling in

Biomedical Engineering 5 10

Examination, Progress and Final Assessment

20.42.45 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.

20.42.46 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the compulsorytaught components of the course before being permitted to proceed to the project.

20.42.47 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.42.48 **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 .

Transfer

20.42.49 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Medical Technology may be transferred to the Postgraduate Certificate in Medical Technology provided the appropriate progress regulations are satisfied.

20.42.50

to 20.42.80 (numbers not used)

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

**BIOFLUID MECHANICS**

**MRes in Biofluid Mechanics**

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

**Admission**

20.42.81 Regulations 20.4.1 and 20.4.2 shall apply.

**Duration of Study**

20.42.82 Regulations 20.4.5 and 20.4.6 shall apply.

**Mode of Study**

20.42.83 The course is available by full-time study.

**Curriculum**

20.42.84 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

BE913 MRes Project 5 120

BE918 Professional Studies in Biomedical

Engineering 5 10

BE919 Research Methodology 5 10

***MRes in Biofluid Mechanics***

No fewer than 40 credits from the list of optional classes

Optional Classes

BE 926 Biofluid Mechanics 5 20

BE 927 Industrial Software 5 20

BE 915 Medical Science for Engineering 5 20

BE 923 Haemodynamics for Engineers 5 10

BE 925 Numerical Modelling in Biomedical Engineering 5 10

BE 903 Cardiovascular Devices 5 10

BE 920 The Medical Device Regulatory Process 5 10

BE 500 Entrepreneurship & Commercialization

in Biomedical Engineering 5 10

BE 916 Introduction to Biomechanics 5 10

MM 506 Finite Element Methods for Boundary

Value Problems and Approximation 5 20

MM 508 Mathematical Biology and

Marine Population Modelling 5 20

EF 927 Design Management 5 10

EF 932 Risk Management 5 10

**Examination, Progress and Final Assessment**

20.42.85 Regulations 20.4.18 – 20.4.25 shall apply

**Award**

20.42.86 **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.

**Transfer**

20.42.87 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Biofluid Mechanics may be transferred to the Postgraduate Certificate in Biofluid Mechanics provided the appropriate progress regulations are satisfied.

20.42.88

to 20.42.118 (Number not used)

FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

GEOENVIRONMENTAL ENGINEERING

MRes in Geoenvironmental Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.44.1NotwithstandingRegulation 20.4.1, applicants shall possess

(i) a 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) 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 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

20.44.2Regulation 20.4.5 shall apply.

Notwithstanding Regulation 20.4.6, the maximum duration of study will be

for the degree of MRes by full-time study - 24 months

for the degree of MRes by part-time study - 48 months

Mode of Study

20.44.3 The course is available by full-time and part-time study either via on-campus or Distance Learning

Curriculum

20.44.4All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 954 Contaminated Land 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 935 Hydrogeology 5 10

CL 907 MRes Dissertation 5 120

All students should also undertake one of the following classes:

Either

CL 931 Research Protocols for Science & Engineering 5 10

Or

CL 939 Principles of Research Methodology and

Research Design 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 961 Geographical Information Systems 5 10

CL 951 Groundwater Flow Modelling 5 10

CL 952 Aquifer Mechanics 5 10

EV 921 Water and Environment Management 5 10

EV 939 Environmental Impact Assessment 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration with

Industry 5 10

EC 937 City Systems and Infrastructure 5 10

CL 990 Environmental Geochemistry 5 10

Either

CL 994 Circular economy and transformations

Towards sustainability 5 10

Or

CL 988 Leading Issues in Circular Economy5 10

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

\* Optional Classes for study by Flexible Learning (e.g., Distance Learning) are available subject to Regulation 19.1.17.

Examination, Progress and Final Assessment

20.44.5Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.

Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.44.6 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.44.7 **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 CL 907.

Transfer

20.44.8 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Geoenvironmental Engineering may be transferred to the Postgraduate Certificate in Geoenvironmental Engineering provided the appropriate progress regulations are satisfied.

20.44.9

to 20.44.10 (Numbers not used)

FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

INTEGRATED POLLUTION PREVENTION AND CONTROL

MRes in Integrated Pollution Prevention and Control

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.44.11NotwithstandingRegulation 20.4.1, applicants shall possess

(i) a 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) 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 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

20.44.12Regulation 20.4.5 shall apply.

Notwithstanding Regulation 20.4.6, the maximum duration of study will be

for the degree of MRes by full-time study - 24 months

for the degree of MRes by part-time study - 48 months

Mode of Study

20.44.13 The course is available by full-time and part-time study either via on-campus or Distance Learning

Curriculum

20.44.14All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 970 Environmental Pollution Management 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 990 Environmental Geochemistry 5 10

CL 907 MRes Dissertation 5 120

All students should also undertake one of the following classes

Either

CL 931 Research Protocols for Science & Engineering 5 10

Or

CL 939 Principles of Research Methodology and

Research Design 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 954 Contaminated Land 5 10

CL 955 Environmental Management Systems 5 10

CL 960 Fundamentals of Environmental Forensics 5 10

EV 908 Pollution and Rehabilitation of Degraded   
Ecosystems 5 10

EV 921 Water and Environmental Management 5 10

EV 939 Environmental Impact Assessment 5 10

CL 978 Water & Wastewater Treatment Design 5 10

CL 973 Independent Study in Collaboration with Industry 5 10

M9 850 International Environmental Law 5 10

EC 937 City Systems and Infrastructure 5 10

Either

CL 994 Circular Economy and Transformations

Towards Sustainability 5 10

Or

CL 988 Leading Issues in Circular Economy5 10

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

\* Optional Classes for study by Flexible Learning (e.g., Distance Learning) are available subject to Regulation 19.1.17.

Examination, Progress and Final Assessment

20.44.15Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.

Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.44.16 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.44.17 **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 CL 907.

Transfer

20.44.18 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Integrated Pollution Prevention and Control may be transferred to the Postgraduate Certificate in Integrated Pollution Prevention and Control provided the appropriate progress regulations are satisfied.

20.44.19

to 20.44.20 (Numbers not used)

FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

CLIMATE CHANGE ADAPTATION

MRes in Climate Change Adaptation

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.44.21NotwithstandingRegulation 20.4.1, applicants shall

(i) possess a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or

(ii) possess 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.

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

20.44.22Regulation 20.4.5 shall apply. Notwithstanding Regulation 20.4.6, the maximum duration of study will be

for the degree of MRes by full-time study - 24 months

for the degree of MRes by part-time study - 48 months

Mode of Study

20.44.23 The course is available by full-time and part-time study.

Curriculum

20.44.24All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

CL 971 Air Pollution, Climate Change & Human Health 5 10

CL 907 MRes Dissertation 5 120

CL 931 Research Protocols for Science & Engineering 5 10

EV 939 Environmental Impact Assessment 5 10

CL 994 Circular economy and transformations towards

sustainability 5 10

Optional Classes

No fewer than 20 credits chosen from

CL 954 Contaminated Land 5 10

CL 904 Waste Management and Landfill Design 5 10

CL 906 Site Investigation and Risk Assessment 5 10

CL 961 Geographical Information Systems 5 10

CL973 Independent Study in Collaboration with Industry 5 10

M9 850 International Environmental Law 5 10

EC 937 City Systems and Infrastructure 5 10

\*Exceptionally, Level 5 classes up to a maximum of 20 credits chosen from classes offered by the Department of Civil and Environmental Engineering, as may be approved by the Director of Postgraduate Studies.

Examination, Progress and Final Assessment

20.44.25Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and the Dissertation.

20.44.26 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.44.27 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.44.28 **Degree of 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 CL 907.

Transfer

20.44.29 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Climate Change Adaptation may be transferred to the Postgraduate Certificate in Climate Change Adaptation.

FACULTY OF ENGINEERING

**DEPARTMENT OF DESIGN MANUFACTURE AND ENGINEERING MANAGEMENT**

SYSTEMS ENGINEERING MANAGEMENT

Doctor of Engineering (EngD) in Systems Engineering Management

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

Admission

20.45.1 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.45.2 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

20.45.3 The course is available by full-time study only.

Place of Study

20.45.4 Students will spend approximately 75% of their time undertaking a well-defined research project or portfolio of projects in collaboration with an industrial partner. The research will run continuously throughout the duration of the course and will be undertaken mainly in the industrial partners’ premises.

Curriculum

First

20.45.5 All students shall undertake a core curriculum as follows

Compulsory Classes Level Credits

DM 918 People, Organisation and Technology 5 10

DM 932 Postgraduate Individual Project 5 60

DM 933 Engineering Risk Management 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 993 Systems Architectures & Design 5 10

DM 994 Systems Engineering Concepts 5 10

EF 927 Design Management 5 10

Optional Classes

No fewer than 60 credits chosen from

DM 920 Strategic Technology Management 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 934 Design Methods 5 10

DM 943 Sustainable Product Design and Manufacture 5 10

DM 944 Product Costing & Financial Management 5 10

DM 949 DoE for Optimisation 5 10

EF 945 Knowledge & Information Management 5 10

for Engineers

MS 926 Business Simulation Methods 5 10

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

**Second, Third and Fourth Years**

20.45.6 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 Regulation 20.1).

Examination, Progress and Final Assessment

20.45.7 Candidates are required to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.

20.45.8 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

20.45.9 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.45.10 **Degree of EngD**: In order to qualify for the award of the degree of EngD in Systems Engineering Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have

(i) accumulated no fewer than 180 credits from the course curriculum

(ii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;

(iii) performed satisfactorily in an oral examination.

Transfer

20.45.11 A candidate who fails to satisfy the progress and award requirements for the award of the EngD may be transferred to the MSc Systems Engineering Management, Postgraduate Diploma or Postgraduate Certificate in Systems Engineering Management.

20.45.12

to 20.45.20 (Numbers not used)

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

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

Admission

20.45.21 Regulations 20.1.1 and 20.1.2 shall apply.

Mode of Study

20.45.22 The course is available by full-time study only.

Curriculum

First Year

20.45.23 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

DM 920 Strategic Technology Management 5 10

DM 932 Postgraduate Individual Project 5 60

DM 942 Manufacturing Automation 5 10

DM 946 Micro- and Nano-Manufacturing 5 10

DM 947 Advanced Forming Technology and Systems 5 10

DM 948 Advanced Material and Production Technology 5 10

BE 919 Research Methodology 5 10

Optional Classes

No fewer than 60 credits chosen from

DM 986 Mechatronic Systems Design Techniques 5 10

DM 925 Systems Integration 5 10

DM 927 Strategic Supply Chain Management 5 10

DM 929 CAED Systems 5 10

DM 941 Fundamentals of Lean Six Sigma 5 10

DM 943 Sustainable Product Design and Manufacturing 5 10

DM 945 Systems Thinking and Modelling 5 10

DM 949 Design of Experiments for Process Optimisation 5 10

EF 930 Information Management 5 10

EF 931 Project Management 5 10

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

**Second, Third and Fourth Years**

20.45.24 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 Regulation 20.1).

Examination, Progress and Final Assessment

20.45.25 Candidates are required to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.

20.45.26 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

20.45.27 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.45.28 **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

(i) accumulated no fewer than 180 credits from the course curriculum

(ii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;

(iii) performed satisfactorily in an oral examination.

Transfer

20.45.29 A candidate who fails to satisfy the progress and award requirements for the award of the EngD may be transferred to the MSc Advanced Manufacturing: Forging and Forming.

FACULTY OF ENGINEERING

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

WIND ENERGY SYSTEMS

MRes in Wind Energy Systems

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.46.21 Notwithstanding Regulation 20.4.1, applicants shall possess

(i) a first class Honours degree from a United Kingdom university (in Engineering, a 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.

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

20.46.22 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.46.23 The course is available by full-time study only.

Curriculum

20.46.24 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

EE 964 Research Skills 1 5 10

EE 965 MRes Dissertation 5 90

Optional Classes

No fewer than 80 credits chosen from

BF 981 Socio-Economics of Energy Systems 5 10

EE 958 Wind Turbine Technology 1 5 10

EE 959 Wind Turbine Technology 2 5 10

EE 960 Wind Turbine Control 5 10

EE 961 Wind Turbine Power Conversion 5 10

EE 962 Power Systems and Wind Integration 1 5 10

EE 963 Power Systems and Wind Integration 2 5 10

NM 964 Business Skills 5 10

NM 999 Mechanical Systems and Turbine Design 5 10

Such other classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

20.46.25 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.

20.46.26 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.46.27 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.46.28 **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 EE 965 .

Transfer

20.46.29 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Wind Energy Systems may be transferred to the Postgraduate Certificate in Wind Energy Systems provided the appropriate progress regulations are satisfied. A candidate who satisfies the Board of Examiners in the taught components of the course may be eligible for transfer to a PhD to undertake research in the area of Wind Energy Systems.

20.46.30 to

20.46.60 (Numbers not used.)

FACULTY OF ENGINEERING

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

FUTURE POWER NETWORKS AND SMART GRIDS

MRes in Future Power Networks and Smart Grids

Postgraduate Certificate in Future Power Networks and Smart Grids

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.46.61 Notwithstanding Regulation 20.4.1, applicants shall possess

(i) a first class Honours degree from a United Kingdom university (in Engineering, a 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.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level in English.

Duration of Study

20.46.62 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.46.63 The course is available by full-time study only.

Curriculum

20.46.64 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

EE 800 MRes Dissertation 5 100

EE 815 Future Power Networks and the

Smart Grid Paradigm 5 10

EE 802 Control and Protection of Future Networks 5 10

EE 803 Power Electronics for Transmission and

Distribution Networks 5 10

EE 805 Communications for Power Networks 5 10

EE 962 Power Systems and Wind Integration 1 5 10

Optional Classes

No fewer than 30 credits chosen from

EE 804 Role of Demand and Customers in

Smart Grid Operation 5 10

EE 806 Offshore and Pan European Supergrids 5 10

EE 807 Managing Risk and Uncertainty in Grid Operation 5 10

EE 808 Asset Management and Condition Monitoring 5 10

EE 812 Cyber Security and Data Privacy 5 10

Such other classes as may be approved by the Course Director.

Examination, Progress and Final Assessment

20.46.65 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation EE800.

20.46.66 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.46.67 The final assessment will be based on performance in the examinations, coursework and the Dissertation.

Award

20.46.68 **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 EE 800.

20.46.69 **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 classes of the course curriculum.

Transfer

20.46.70 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Future Power Networks and Smart Grids may be transferred to the Postgraduate Certificate in Future Power Networks and Smart Grids provided the appropriate progress regulations are satisfied. A candidate who satisfies the Board of Examiners in the taught components of the course may be eligible for transfer to a PhD to undertake research in the area of Future Power Networks and Smart Grids.

20.46.71

to 20.46.100 (Numbers not used.)

FACULTY OF ENGINEERING

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

PHOTONICS

Doctor of Engineering in Applied Photonics

PhD in Applied Photonics

Doctor of Engineering in Photonics

Doctor of Engineering in Optics and Photonics Technologies

20.46.101 This course is offered jointly by the University of Strathclyde, the University of Glasgow, Heriot-Watt University and University of St Andrews. The awards are made in the name of one of these four 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 may be delivered at university campuses or at independent work sites but all classes are taught by staff from the four universities. Students shall be subject to the Course Regulations that have been adopted by all four Universities and to any other General Regulations, etc., of the University at which they are registered.

For the current academic year, the administering university is Heriot-Watt University and full details of Course Regulations applicable are shown in that University’s Calendar.

FACULTY OF ENGINEERING

**DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING**

RENEWABLE ENERGY MARINE STRUCTURES

Doctor of Engineering (EngD) in Renewable Energy Marine Structures

20.47.1 This course 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 Course 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 Course Regulations applicable are shown in that University’s Calendar.

**STRATHCLYDE BUSINESS SCHOOL**

FACULTY COURSES

BUSINESS ADMINISTRATION

Doctor of Business Administration

**Course Regulations**

[These regulations are to be read in conjunction with Regulations 20 and 20.2]

Admission

20.80.1 Notwithstanding Regulation 20.2.1, successful applicants shall normally be experienced professional practitioners in their chosen field

Duration of Study

20.80.3 Regulation 20.2.5-20.2.6 shall apply.

Mode of Study

20.80.4 All students undertake a taught programme, the length of which should be governed by the regulations of that course followed by a period of research to be determined by the Board.

## **First Stage Curriculum**

20.80.5 All students shall undertake an approved curriculum as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Compulsory Classes | | Level | Credits |
|  |  |  |  |
| BF 992 | Research Methods | 5 | 20 |
| BF 801 | Reviewing Literature in Business Subjects | 5 | 10 |
| BF 984 | Research Colloquium | 5 | 10 |

and either

|  |  |  |  |
| --- | --- | --- | --- |
| BF 994 | Introduction to Quantitative Methods: Survey Design and Analysis | 5 | 10 |
| BF 998 | Advanced Quantitative  Methods | 5 | 10 |

or

|  |  |  |  |
| --- | --- | --- | --- |
| BF 995 | Advanced Qualitative Methods | 5 | 20 |

## **Second Stage Curriculum**

20.80.6 Students shall undertake 60 credits from a choice of level 5 modules offered by the Business School these could be located in academic departments or approved specialist training using the following codes:

Level Credits

BF 977 Special Topics 1 5 20

BF 978 Special Topics 2 5 20

BF 979 Special Topics 3 5 20

**Third Stage Curriculum**

20.80.7 Students who satisfy the requirements of the First and Second Stage Curriculum shall progress to the Research Project

|  |  |  |  |
| --- | --- | --- | --- |
| BF 929 | Research Project | 5 | 60 |

Thesis Stage

20.80.8 Students must complete their research and prepare a thesis based thereon.

Compulsory Classes Level Credits

BF 814 DBA Thesis 5 360

Examination, Progress and Final Assessment

20.80.9 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the course before being permitted to proceed to the thesis.

If a candidate fails to fulfil this requirement Regulation 19.1.30 shall apply.

20.80.10 Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.

20.80.11 The final assessment will be based on performance in the coursework, the thesis and an oral examination.

**Award**

20.80.12 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 5, of which 360 must have been awarded in respect of the Thesis.

20.80.13 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 Board Examiners for transfer to, and the award of, MSc in Practitioner Research in Business Administration.

**Transfer**

20.80.14 A candidate who fails to satisfy the progress or award requirements for the Doctor of Business Administration will be eligible for the exit award of MSc in Practitioner Research in Business Administration.

A candidate who fails to satisfy the progress or award requirements for the MSc of Business Administration will be eligible for the exit award of Postgraduate Diploma in Practitioner Research in Business Administration.

A candidate who fails to satisfy the progress or award requirements for the Postgraduate Diploma of Business Administration will be eligible for the exit award of Postgraduate Certificate in Practitioner Research in Business Administration.

20.80.15

to 20.80.19 (Numbers not used)

**STRATHCLYDE BUSINESS SCHOOL**

FACULTY COURSES

**RESEARCH METHODOLOGY IN BUSINESS AND MANAGEMENT**

MRes in Research Methodology in Business and Management

MRes in Research Methodology in Business and Management (Risk and Reliability)

Postgraduate Diploma in Research Methodology in Business and Management

Postgraduate Diploma in Research Methodology in Business and Management (Risk and Reliability)

Postgraduate Certificate in Research Methodology in Business and Management

Postgraduate Certificate in Research Methodology in Business and Management (Risk and Reliability)

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4.]

Admission

20.80.20 Regulation 20.4.1 shall apply.

Duration of Study

20.80.21 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.80.22 The course is available by full-time and part-time study.

Curriculum

20.80.23 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 classes

Compulsory Classes Level Credits

BF 949 Dissertation 5 120

*BF 949 Dissertation comprises*

BF 929 Research Project 5 60

BF 992 Research Methods 5 20

BF 991 Research Philosophy 5 20

BF 984 Research Colloquium 5 10

BF 801 Knowledge and Management 5 10

Either

BF 994 Introduction to Quantitative Methods: Survey

Design and Analysis 5 10

BF 998 Advanced Quantitative Methods 5 10

Or

BF 995 Advanced Qualitative Methods 5 20

For ESRC Funded students, the following classes are also compulsory

BF 994 Introduction to Quantitative Methods: 5 10

Survey Design and Analysis,

BF 998 Advanced Quantitative Methods 5 10

BF 995 Advanced Qualitative Methods are compulsory 5 20

Optional Classes

No fewer than 40 credits chosen from

BF 977 Special Topics 1 5 20

BF 978 Special Topics 2 5 20

BF 979 Special Topics 3 5 20

RD 905 Researcher Professional Development Elective 5 10

BF 994 Introduction to Quantitative Methods: Survey

Design and Analysis 5 10

BF 998 Advanced Quantitative Methods 5 10

BF 995 Advanced Qualitative Methods 5 20

For ESRC Funded students only 20 credits to be chosen from the list above.

Such other classes at Level 5 offered by the Business School as may be approved by the Course Director.

*For Specialism in Risk and Reliability*

Compulsory Classes Level Credits

BF 949 Dissertation 5 120

*BF 949 Dissertation comprises*

BF 929 Research Project 5 60

BF 992 Research Methods 5 20

BF 991 Research Philosophy 5 20

BF 984 Research Colloquium 5 10

BF 801 Knowledge and Management 5 10

AND

MS 507 Modelling within Reliability and Maintainability 5 10

MS 927 Risk Analysis and Management 5 10

MS 962 Foundations of Risk 5 10

and either

BF 994 Introduction to Quantitative Methods: Survey

Design and Analysis 5 10

BF 998 Advanced Quantitative Methods 5 10

Or

BF 995 Advanced Qualitative Methods 5 20

Optional Classes

No fewer than 10 credits chosen from

RD 905 Researcher Professional Development Elective 5 10

Such other classes at Level 5 offered by the Business School as may be approved by the Course Organiser.

Examination, Progress and Final Assessment

20.80.24 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.

20.80.25 The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award

20.80.26 **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 120 must have been awarded in respect of the Dissertation BF 949.

**MRes in Research Methodology in Business and Management (Risk and Reliability)**: In order to qualify for the award of the degree of MRes in Research Methodology in Business and Management (Risk and Reliability) 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 BF 949 *Dissertation* with research undertaken in a relevant area.

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

In order to qualify for the award of the Postgraduate Diploma in Research Methods (Risk and Reliability), a candidate must have accumulated no fewer than 120 credits from the curriculum.

**Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Research Methods, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

In order to qualify for the award of the Postgraduate Certificate in Research Methods (Risk and Reliability), a candidate must have accumulated no fewer than 60 credits from the curriculum.

Transfer

20.80.27 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.

20.81

to 20.119 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY COURSES

Master of Research (MRes)

In

Counselling

Creative Writing

Education

English

European Public Policy

French

Geography

German

History

Italian

Journalism

Law

Music

Literary Linguistics

Politics

Psychology

Scottish Studies

Social Policy

Social Work

Sociology

Spanish

Speech & Language Therapy

Physical Activity for Health

Course Regulations

[These regulations are to be read in conjunction with Regulations 20.4]

Admission

20.120.1 Regulation 20.4.1 shall apply.

20.120.2 Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences

Duration of Study

20.120.3 Regulations 20.4.5 and 20.4.6 will apply.

Mode of Study

20.120.4 The degree is available by full-time and part-time study.

Curriculum

20.120.5 All students will undertake an approved curriculum as follows

Compulsory Class Level Credits

Either

QQ 907 Dissertation in English 5 160

or

R1 900 Dissertation in French 5 160

or

V1 918 Dissertation in History 5 160

or

R3 900 Dissertation in Italian 5 160

or

R4 900 Dissertation in Spanish 5 160

or

QQ 906 Dissertation in Creative Writing 5 160

or

P3 933 Dissertation in Journalism 5 160

Optional Classes

No fewer than 20 credits and no more than 60 credits chosen from

QQ 939 Research Skills in Literature, Culture and

Communication 5 20

V1 903 Sources, Skills and Methods for Historians 1 5 20

V1 964 Sources, Skills and Methods for Historians 2 5 20

V1 965 Palaeography, c.1500-c.1800 5 20

Or alternative optional classes subject to the approval of their supervisor/Advisor of Studies and Head of Graduate School

Examination and Final Assessment

20.120.6 Regulations 20.4.18 to 20.4.25 shall apply

20.120.7 The final assessment will be based on performance in the coursework, examinations, and dissertation and, if appropriate, in an oral examination.

Award

20.120.8 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 must have been awarded in respect of the Dissertation.

20.121 (Number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION

EDUCATION

Doctor of Education (EdD)

Doctorate of Education (EdD) specialism Supporting Teacher Learning

Doctorate of Education (EdD) specialism Philosophy with Children

Doctorate of Education (EdD) specialism Autism

Doctorate of Education (EdD) specialism Early Years Pedagogue

Doctorate of Education (EdD) specialism Inclusive Education

Doctorate of Education (EdD) specialism Educational Leadership

Doctorate of Education (EdD) specialism Digital Technology

Doctorate of Education (EdD) specialism Bilingual Education

**Doctorate of Education (EdD) specialism Philosophy and Culture**

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.2]

Admission

20.122.1 Notwithstanding Regulation 20.2.1, successful applicants shall normally possess

(i) a Master’s degree in Education from a university in the United Kingdom; or

(ii) a qualification deemed by the Course Director (or nominee) acting on behalf of Senate to be equivalent to (i) above; or

(iii) be deemed by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

In addition, successful applicants shall also possess

(iv) a teaching qualification; or

(v) other relevant professional qualification.

Duration of Study

20.122.2 Notwithstanding Regulation 20.2.5, 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

Notwithstanding Regulation 20.2.6, 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

20.122.3 The course is available by full-time and part-time (distance learning) study. All students undertake a curriculum comprising classes which are modular in nature and consist of formal tuition, independent study and supervised research.

Curriculum

20.122.4 All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X7 825 EdD Thesis 5 360

X9 646 Methods of enquiry, literature and scholarship 5 60

X9 645 Advanced research methods and proposal 5 60

Optional Classes

20.122.5 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***

X9 797 How Teachers Learn 5 20

X9 798 Contemporary Contexts For Teacher

Learning And Teachers' Work 5 20

X9 799 Supporting Professional Learning In The

Workplace 5 20

***Philosophy with Children***

X3 902 Introduction to Philosophy & Philosophical

Practice 5 20

X3 901 Philosophy with Children Theory 5 20

X3 903 Philosophy with Children Facilitation 5 20

***Autism***

X9 808 Theory and Practice in Autism 1:

Conceptual Frameworks in Autism 5 20

X7 798 Theory and Practice in Autism 2:

The Spectrum of Autism 5 20

X7 799 Theory and Practice in Autism 3:

Responding to the Impact of Autism 5 20

***Early Years Pedagogue***

X7 789 Taking Action: Child, Family & Community

Efficacy 5 20

X9 854 Creating Stimulating Learning Environments:

Indoors & Out 5 20

X9 802 Listening to Children & Hearing their Voices 5 20

***Inclusive Education***

X9 743 Understanding Inclusive Education 5 20

X9 744 Providing Effective Educational Support 5 20

X9 701 Inclusive Pedagogy 5 20

***Educational Leadership***

60 credits from

X3 820 Leadership for Equity, Inclusion & Social

Justice 5 20

X3 821 Leadership for School Improvement 5 20

X3 822 Contexts for Leadership 5 20

X3 832 Conceptions of Leadership 5 20

X3 830 Leadership for Learning 5 20

***Digital Technologies***

X3 956 Digital Literacies: living, working and learning

in the network society 5 20

X3 955 Curriculum Innovation with Technology:

Designing for context 5 20

X3 900 Technology Enhanced Learning: theory and

Practice 5 20

***Bilingual Education***

X3 941 Theories and policies in 2nd language 5 20

acquisition and bilingualism

X3 942 Practice and Policies in supporting bilingual 5 20

Learners

X3 943 Action research to effect change for bilingual 5 20

learners

OR

X7 927 GIfT Pedagogy 1: Language learning and

teaching 5 20

X7 928 GIfT Pedagogy 2: Gaelic- medium

education 5 20

X7 929 GIfT Pedagogy 3: Bilingualism 5 20

AND/OR

X3 842 Language learning in a multilingual world 5 20

X3 841 Contemporary issues in language teaching 5 20

**Philosophy and Culture**

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

20.122.6 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 in line with the University Core Regulations for Professional Doctorates at masters level.

20.122.7 Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.

20.122.8 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the course before being permitted to proceed to the thesis.

20.122.9 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.

20.122.10 The final assessment will be based on performance in the coursework, the thesis and an oral examination.

**Award**

20.122.11 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).

20.122.12 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**

20.122.13 A candidate who has accumulated no fewer than 180 credits in the taught component of the course 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 course 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 course will be eligible for the exit award of Postgraduate Certificate in Practitioner Research.

20.122.14 to

20.122.35

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF EDUCATION

COUNSELLING PSYCHOLOGY

Professional Doctorate in Counselling Psychology

20.122.36 [The General Regulations for Professional Doctorate degrees (Regulation 20.2) of the University of Strathclyde shall not apply except with the agreement of the Glasgow Caledonian University.]

This course is offered jointly by the University of Strathclyde and the Glasgow Caledonian University and the award is made in the name of both Universities. The regulations are drawn up consequent upon a Collaborative Agreement which has been approved by the Senate.

The taught component may be delivered at university campuses or in professional settings but all classes will be taught by staff from the two Universities. Students shall be subject to the course regulations that have been adopted by both Universities and to any other General Regulations etc. of the University at which they are studying.

For the current academic year, the administering University is Glasgow Caledonian University and full details of Course Regulations applicable are shown in that University’s Calendar.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

EDUCATIONAL PSYCHOLOGY

Doctor of Educational Psychology

Course Regulations

(These regulations are to be read in conjunction with Regulations 20 and 20.2)

Admission

20.132.1 Notwithstanding Regulation 20.2.1, applicants shall possess

*either*

(i) MSc in Educational Psychology

*or*

(ii) qualifications and experience deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above;

*and*

(iii) shall currently be engaged in work in the field as a practising Educational Psychologist.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration

20.132.2 The course 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 course recognised by the University for this purpose.

Nature of study

20.132.3 Students undertake a full-time programme of research and fieldwork.

Curriculum

20.132.4 During the first stage of the course, students must complete a portfolio of 3 pieces of small-scale research work carried out in practice.

Students who hold a Masters degree approved by the University will have this requirement waived by the Head of Department (or nominees) in accord with Regulation 20.2.4

20.132.5 During the second stage of the course students must complete the research programme and a reflective self-evaluation report on their professional practice.

Examination, Progress and Final Assessment

20.132.6 To proceed to the second stage of the course consisting of professional practice and the research programme a student must perform satisfactorily in the portfolio.

20.132.7 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.

20.132.8 Before being allowed to proceed to examination of the thesis a student must have received a satisfactory report from the Principal Educational Psychologist.

20.132.9 Students who do not satisfy Regulation 20.132.4 or 20.132.5 may be required to withdraw from the course.

20.132.10 Regulations 20.2.23 – 20.2.26 shall apply.

Award

20.132.11 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.

20.132.12 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.

20.132.13

to 20.132.20 (Numbers not used)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

SOCIOLOGY

SOCIAL RESEARCH

MRes in Social Research

Course Regulations

[These regulations are to be read in conjunction with Regulation 20 and 20.4]

Admission

20.134.1 Notwithstanding Regulation 20.4.1, applicant shall possess

(i) a first or second class Honours degree in Social Science of 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.

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

20.134.2 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

20.134.3 The course is available by full-time and part-time study.

Curriculum

20.134.4 All students shall undertake an approved curriculum as follows

for the degree of MRes no fewer than 180 credits including a dissertation

Compulsory Classes Level Credits

35 902 Quantitative Methods 1 5 15

35 903 Philosophy of Social Science 5 15

GS 902 Qualitative Methods 5 15

GS 917 Action Research 5 20

GS 918 Social Research Today 5 15

GS 919 Dissertation 5 100

Examination, Progress and Final Assessment

20.134.5 Regulations 20.4.18 – 20.4.25 shall apply.

20.134. 6 Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

20.134.7 The final assessment will be based on performance in the examinations, coursework, the dissertation, where undertaken, and, if required, in an oral examination.

Award

20.134.8 **Degree of MRes**: In order to qualify for the award of the degree of MRes in Social 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 100 credits must have been awarded in respect of the dissertation GS 919.

Transfer

20.134.9 A candidate for the degree of MRes who fails to meet the requirements for the award of the degree, but who has satisfied the requirements for the award of the Postgraduate Diploma or the Postgraduate Certificate in Social Research may be considered for the award of the Postgraduate Diploma or Postgraduate Certificate and have his or her registration so transferred.

CONTINUING EDUCATION

General Regulations

Certificate of Continuing Education

Entrance Requirements

22.1.1 Every candidate for admission to a course of study leading to the award of a Certificate of Continuing Education must offer qualifications and/or experience deemed appropriate by the relevant Board of Study.

Duration of Study

22.1.2 The Certificate of Continuing Education is offered on a part-time basis only. The period of study shall be not less than two academic sessions, and students shall attend as prescribed in the appropriate Schedule.

Course of Study

22.1.3 The course of study shall be as prescribed in the Schedules which follow these regulations. The Schedules may be amended from time to time by the Senate on the recommendation of the relevant Board of Study.

Curriculum

22.1.4 Candidates for the Certificate of Continuing Education shall be required to follow a prescribed course of instruction selected from the classes and in accordance with the regulations as set forth in the appropriate Schedule.

Attendance and Performance

22.1.5 Every candidate admitted to a course of study for a Certificate shall be required to attend regularly and to perform satisfactorily in the curriculum.

22.1.6 Candidates who in the opinion of the Head of the Department offering a class do not satisfy the requirements as to attendance and performance shall not be entitled to take the examination in the subject of that class and shall be so informed. The names of such candidates shall be reported immediately to the Board of Study concerned.

Examinations

22.1.7 There shall be a certificate examination for each class unless specified otherwise in the appropriate Schedule. A second diet of examinations may be held each academic year, at the discretion of the Board of Study. The performance of candidates shall be assessed by the Board of Examiners appointed by the Senate on the recommendation of the relevant Board of Study.

Progress

22.1.8 In order to proceed to the following year of the course, a candidate must obtain passes in the certificate examination as prescribed in the appropriate Schedule.

22.1.9 A candidate who at the first diet fails to pass any certificate examination may be permitted to resit the examination in which they have failed.

Termination and Withdrawal

22.1.10 A candidate who after two attempts at the examinations has failed to satisfy the regulations governing progress to the following year of the course may be required by the Board of Study to withdraw. A candidate who has been required to withdraw may appeal to the Board of Study for their case to be reconsidered on any of the following grounds:

(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);

(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; and

(c) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal shall be supported by appropriate documentary evidence and shall be lodged in writing with the Academic Registrar not later than a date specified by the Board of Study and notified to the candidate in the letter informing the candidate that they are required to withdraw.

Award

22.1.11 A candidate who satisfies the requirements of the Ordinances governing the award of certificates and the provisions of these regulations shall be entitled to receive a Certificate of Continuing Education in which the course of study shall be set forth. The Certificate may be awarded with merit.

22.1.12

to 22.2 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Certificate of Continuing Education in French

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.1 Applicants for admission to the course for the Certificate of Continuing Education in French must normally satisfy the General Entrance Requirement including passes in SCE Higher or GCE A level French. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.2.2 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.3 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.2.4 All students shall undertake classes amounting to 120 credits as follows

R1 109 Introduction to French 1A 1 20

R1 110 Introduction to French 1B 1 20

R1 203 French Language 2A 2 20

R1 204 French Language 2B 2 20

R1 210 Dealing with Difference in France and

Francophone World 2 20

R1 305 French Language 3A 3 20

Examinations and Progress

22.2.5 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

22.2.6 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.7 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.8

to

22.2.10 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Certificate of Continuing Education in Italian

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.11 Applicants for admission to the course for the Certificate of Continuing Education in Italian must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.2.12 The course is offered on a part-time basis only, normally over a period of three years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.13 The course will consist of approximately 200 lecture/tutorial hours comprising six classes each of a minimum of 30-36 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory.

Curriculum

22.2.14 All students shall undertake classes amounting to 120 credits as follows

R3 114 Introduction to Italian 1A 1 20

R3 115 Introduction to Italian 1B 1 20

R3 208 Modern Italy – State, Culture and Society 2 20

R3 209 Italian Language 2A 2 20

R3 210 Italian Language 2B 2 20

R3 394 Italian Language 3A 3 20

Examinations and Progress

22.2.15 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6. The classes Introduction to Italian 1A, 2B and 3A are continuous assessment classes only

22.2.16 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.17 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.18

to

22.2.20 (Numbers not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Certificate of Continuing Education in Spanish

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.21 Applicants for admission to the course for the Certificate of Continuing Education in Spanish must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.2.22 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.23 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.2.24 All students shall undertake classes amounting to 120 credits as follows

R4 109 Introduction to Spanish 1A 1 20

R4 110 Introduction to Spanish 1B 1 20

R4 200 Independence and Isolation in Spain and Latin America 2 20

R4 206 Spanish Language 2A 2 20

R4 207 Spanish Language 2B 2 20

R4 308 Spanish Language 3A 3 20

Examinations and Progress

22.2.25 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

22.2.26 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.27 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.28

to

22.2.30 (Number not used)

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Certificate of Applied Language Study in French

Certificate of Applied Language Study in Italian

Certificate of Applied Language Study in Spanish

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.31 Applicants for admission to the Certificate of Applied Language Study in French, in Spanish or in Italian must have been accepted onto the Modern Apprenticeship Framework scheme. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered.

Duration of Course

22.2.32 The courses are offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of a course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.33 The courses consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.2.34 All students shall undertake a curriculum based on the accumulation of no fewer than 114 credits as follows:

French

First Year Level Credits

FR 101 French A 1 12

FR 102 French B 1 12

Second Year

FR 201 French C 2 15

FR 202 French D 2 15

Third Year

FR 301 French E 3 15

FR 302 French F 3 15

Fourth Year

FR 303 French G 3 15

FR 304 French H 3 15

**Italian**

First Year

IT 102 Italian A 1 12

IT 103 Italian B 1 12

Second Year

IT 201 Italian C 2 15

IT 202 Italian D 2 15

Third Year

IT 301 Italian E 3 15

IT 302 Italian F 3 15

Fourth Year

IT 303 Italian G 3 15

IT 304 Italian H 3 15

**Spanish**

First Year

SP 101 Spanish A 1 12

SP 102 Spanish B 1 12

Second Year

SP 201 Spanish C 2 15

SP 202 Spanish D 2 15

Third Year

SP 302 Spanish E 3 15

SP 303 Spanish F 3 15

Fourth Year

SP 304 Spanish G 3 15

SP 305 Spanish H 3 15

Examinations and Progress

22.235 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year

22.2.36 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.36 In order to qualify for the award of the Certificate of Applied Language Study in French or in Italian or in Spanish, a candidate must have accumulated no fewer than 114 credits.

22.2.37

to 22.125 (numbers not used)

STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF ECONOMICS

ECONOMICS

Certificate of Continuing Education in Economics

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.92.1 Candidates should normally satisfy the General Entrance Requirement, or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.92.2 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable. The Board of Study may also permit a candidate to complete the course in a shorter period.

Nature of Study

22.92.3 The course consists of approximately 200 lecture hours comprising four 48 hour classes (or equivalent). In addition there are tutorials, assignments and directed reading.

Curriculum

22.92.4 All students shall undertake a curriculum approved by the Head of the Department of Economics and based on the list of classes offered in Regulation 9.21.34 under the subject heading Economics, as follows

First Year

31 101 Economics

Second, Third and Fourth Years

Classes chosen with the approval of the Head of the Department of Economics from those listed in Regulation 9.21.34 Parts III under the subject heading Economics.

Examinations and Progress

22.92.5 Two diets of examinations shall be held in each academic year. Candidates will sit within each year of study the examinations appropriate to the class(es) taken in that year, unless excluded there from under the provisions of Regulation 22.1.6

22.92.6 (a) In order to proceed to the second year; a student must obtain passes in the class (or equivalent) taken in the first year.

(b) In order to proceed to the third year, a student must obtain passes in at least one of the classes (or equivalent) taken in the second year.

(c) In order to proceed to the fourth year, a student must obtain passes in at least three classes (or equivalent) of the approved curriculum.

Award

22.92.7 In order to qualify for the award of the Certificate candidates must have passed in all the classes of their curriculum.

22.92.8 to

22.9.38 (number not used)

STRATHCLYDE BUSINESS SCHOOL

                   FACULTY COURSES

               Certificate in Leadership Through MCR Pathways

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

Regulation 22.1.1 shall apply

Duration of Course

**22.92.39**         The course is offered on a part-time basis only, normally over a period of two years. The Board of Study may also permit a candidate to complete the course in a shorter period.

Nature of Study

**22.92.40**         The course is available flexibly via limited on campus study (Open Access) and off campus study (Distance Learning) on a part time basis

Curriculum

**22.92.41**           All students shall undertake classes amounting to 60 credits as follows:

Compulsory Classes Level Credits

BF104 Communication Skills 1 20

BF105 Building Relationships 1 20

BF106 Coaching and Mentoring

Skills 1 20

Examinations

**22.92.42**          Candidates will sit within each year of study the examinations appropriate to the class(es) taken in that year, unless excluded there from under the provisions of Regulation 22.1.6

Award

**22.92.43**          In order to qualify for the award of the Certificate candidates must have passed in all the classes of their curriculum.

**22.92.44 to**

**22.92.74 (numbers not used)**

Changes and restrictions are made from time to time and the University reserves the right to add, amend or withdraw courses and facilities, to restrict student numbers and to make any other alterations, as it may deem necessary and desirable. Changes are published by incorporation in the next edition of the Course Regulations.

Any queries about the contents of the Course Regulations should be directed to the Education Quality and Policy Manager, Education Enhancement, University of Strathclyde, Glasgow G1 1XQ (Telephone 0141 548 4967).