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|  | General and Programme Regulations for Graduate and Postgraduate Awards and Degrees 2020-21 |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Version No.** | **Description** | **Author** | **Approval** | **Effective Date** | | 1.0 | General and Programme Regulations for Graduate and Postgraduate Awards and Degrees 2020-21 | Quality Enhancement and Assurance | n/a | 01 Aug 2020 | | |

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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 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations) applicants shall possess

1. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, normally at 2.2 or equivalent.; or
2. an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, and a period of relevant professional practice experience.
3. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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.

* + 1. The final assessment will be based on performance in the first attempt examinations, coursework and the Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Advanced Architectural Design, a candidate

must have accumulated no fewer than 60 credits from the second year curriculum.

* + 1. **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 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations) applicants shall possess
       1. an Honours degree in Architecture of a university in the United Kingdom; or
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.41.187 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. 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
2. 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

**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 General Postgraduate Regulations]

## Admission

19.41.207 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations) applicants shall possess

1. An Honours degree in Architecture of a university in the United Kingdom; or
2. A qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above.
3. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
4. 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 (see General Postgraduate Regulations).

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 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum

* + 1. 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

* + 1. 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

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework and the Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**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 General Postgraduate Regulations]

## Admission

19.41.141 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. 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
2. 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 (see General Postgraduate Regulations).

## 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, including all compulsory classes.

for the degree of MSc no fewer than 180 credits, including AB947 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 |
| AB 939 | Urban Theory | 5 | 10 |
| AB 975 | Sustainability | 5 | 10 |

L2 971 Business Models, Financing and Urban Business

Case Analysis 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 |
| AB 980 | Legislation and Regulations | 5 | 10 |
| AB 988 | Cultural Behavioural Factors Architecture |  |  |
|  | and Urbanism | 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 (see General Postgraduate Regulations).

19.41.146 The final assessment will be based on performance in the examinations, coursework and AB947, 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.

# 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 General Postgraduate Regulations]

## Admission

19.42.282 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.42.283 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations) 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 | 2 |

### 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

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 |
| Plus: BE 918 | Professional Studies in Biomedical Engineering | 5 | 10 |
| BE 919 | Research Methodology | 5 | 10 |
| BE 909 | Biomedical Electronics | 5 | 10 |
| BE908 | Biomedical Instrumentation | 5 | 10 |

As permitted by Regulation 19.1.3 (see General Postgraduate Regulations) 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 912 | Anatomy & Physiology | 5 | 10 |
| BE 920 | The Medical Device Regulatory Process | 5 | 10 |
| BE 923 | Haemodynamics for Engineers | 5 | 10 |
| BE 924  BE 925 | Medical Robotics Numerical Modelling in Biomedical Engineering | 5  5 | 10  10 |
| BE 928 | Rehabilitation Technology | 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 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 (see General Postgraduate Regulations) 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  MP 931 | Medical Science for Engineering  Generic Biomedical and Pharmaceutical | 5 | 20 |
|  | 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 |
| BE 928 Rehabilitation Technology | | 5 | 10 |
| MP 941 Advanced Techniques in Biochemistry | | 5 | 10 |
| MP 946 Advanced Techniques in Molecular Biology | | 5 | 10 |

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, and the Project where undertaken.

## Award

* + 1. **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.

* + 1. **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.
    2. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time on-line study.

## Curriculum

* + 1. 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 |
| BE 928 | Rehabilitation Technology | 5 | 10 |

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations and the coursework.

## Award

* + 1. **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.

# 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 General Postgraduate Regulations]

## Admission

19.42.184 Regulations 19.1.1 and 19.1.3 shall apply (see General Postgraduate Regulations). 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.42.242 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations). 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations) 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 |
| BE 919 | Engineering  Research Methodology | 5 | 10 |
| BE 921 | 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 |
| 94 510 | Orthotic Management of Diabetes |  |  |
|  | Mellitus B | 5 | 20 |
| BE 931 | Hip, Knee and Ankle Disarticulation B | 5 | 20 |
| BE 932 | Clinical Governance B | 5 | 20 |
| BE 506 | Wheelchairs and Seating 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 |
| BE 928 | Rehabilitation Technology | 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 (see General Postgraduate Regulations).

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

# 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 General Postgraduate Regulations]

## Admission

19.42.213 Regulations 19.1.1 and 19.1.3 shall apply (see General Postgraduate Regulations). 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 |
| 94 939 | 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.42.155 Regulations 19.1.1 and 19.1.3 shall apply (see General Postgraduate Regulations). 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 |
| 94 939 | 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 (see General Postgraduate Regulations).

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.

# FACULTY OF ENGINEERING

**DEPARTMENT OF BIOMEDICAL ENGINEERING REHABILITATION STUDIES**

**MSc Rehabilitation Studies**

**Postgraduate Diploma in Rehabilitation Studies Postgraduate Certificate in Rehabilitation Studies**

**Course Regulations**

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

## Admission

19.42.125 Regulations 19.1.1 and 19.1.3 shall apply (see General Postgraduate Regulations).

19.42.126 **Duration of Study**

The normal duration of study will be for the degree of MSc - 36 months

for the Postgraduate Diploma – 24 months for the Postgraduate Certificate – 12 months

## Mode of Study

19.42.127 The courses are available by distance-learning only.

## Curriculum

19.42.128 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 |
| 94 939 | Data Analysis | 5 | 20 |
| 94 928 | Introductory Biomechanics | 5 | 20 |

No fewer than 60 credits chosen from the list of optional classes Optional Classes Level

Credits

|  |  |  |  |
| --- | --- | --- | --- |
| 94 904 | Orthotic Studies | 5 | 20 |
| 94 905 | Prosthetic Studies | 5 | 20 |
| 94 927 | Clinical Governance | 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

19.42.129 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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

## Award

19.42.131 **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.

19.42.132 **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.

19.42.133 **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.

**Advanced Chemical Engineering**

**MSc in Advanced Chemical Engineering**

**Postgraduate Diploma in Advanced Chemical Engineering Postgraduate Certificate in Advanced Chemical Engineering**

**Course Regulations**

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

## Admission

* + 1. Regulations 19.1.1-19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Place of Study

* + 1. Regulation 19.1.8 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Curriculum

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

for the Postgraduate Certificate – no fewer than 60 credits as detailed below

for the Postgraduate Diploma – no fewer than 120 credits as detailed below

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

## Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 959 | Advanced Process Design | 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 80 credits including 50 credits chosen from either List A or B and 10 credits from List C.

MSc students must choose a minimum of 30 credits from List A, 20 credits from List B and 10 credits from List C.

List A\*

Level Credit

|  |  |  |  |
| --- | --- | --- | --- |
| CP 917 | Process Design Principles | 5 | 10 |
| CP 527 | Petrochemical Engineering | 5 | 10 |
| CP 523 | Molecular Simulation in Chemical Eng | 5 | 10 |
| CP 533 | Clean Combustion technologies | 5 | 10 |
| CP 537 | Electrochemical Energy Devices | 5 | 10 |
| CP 516 | Emerging Technologies | 5 | 10 |
| CP 531 | Frontiers of chemical engineering | 5 | 10 |
| List B CP 530 | Safety Management Practices | 5 | 10 |
| CP 529 | Programming and Optimisation | 5 | 10 |
| CP 535 | Molecular and Interfacial science | 5 | 10 |
| CP 528 | Modern Methods of Process Measurement | 5 | 10 |
| List C\* |  |  |  |
| EF 931 | Project Management | 5 | 10 |
| EF 932 | Risk Management | 5 | 10 |
| EF 929 | Financial Engineering | 5 | 10 |
| EV 939 EF945 | Environmental Impact Assessment Knowledge and Information Management For Engineers | 5  5 | 10  10 |

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

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the Project where undertaken

## Award

* + 1. **Degree of MSc**: In order to qualify for the award of the degree of MSc in Advanced Chemical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, and 60 credits must have been awarded in respect of the Individual Project CP 949.
    2. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Chemical Engineering, a candidate must have accumulated no fewer than 120 credits, of which ~~20~~ 20 credits must be awarded for the Project Scoping CP 967.
    3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Chemical Engineering, a candidate must have accumulated no fewer than 60 credits from the curriculum.

# 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**

**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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess
       1. 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
       2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; and
       3. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

* + 1. The courses are available by part-time distance learning study only.

## Curriculum

* + 1. 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.

MSc Advanced Chemical and Process Engineering students shall take all classes from the compulsory Advanced Chemical and Process Engineering list, and an approved curriculum from the optional lists.

**Compulsory Classes (**Advanced Chemical and Process Engineering**)**

|  |  |  |  |
| --- | --- | --- | --- |
| CP 917 | Process Design Principles | 5 | 10 |
| CP 918 | Safety Management Practices | 5 | 10 |
| CP 919 | Programming and Optimisation | 5 | 10 |
| CP 959  CP 968 | Advanced Process Design  Ethics, Sustainability and Environmental Engineering | 5  5 | 10  10 |
| CP 933 | Project Management | 5 | 10 |

**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 969 | Clean Combustion Technologies | 5 | 10 |
| CP 970 | Molecular and Interfacial Science | 5 | 10 |
| CP 971 | Petroleum Engineering | 5 | 10 |
| CP 972 | Electrochemical Energy Devices | 5 | 10 |
| ME 948 | Hydraulics | 5 | 10 |
| ME 950 | Boiler Thermal Hydraulics | 5 | 10 |
| ME 945 | Introduction to Open Source CFD | 5 | 10 |
| CH 917 | Analytical techniques for industry | 5 | 30 |
| CH 918 | Multivariate Analysis and Process Analysis for |  |  |
|  | Industry | 5 | 10 |
| CP 964 | Process Analysis in Chemical Engineering | 5 | 20 |
| CP 959 | Advanced Process Design | 5 | 10 |

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

A maximum of 30 credits of classes from the compulsory lists may be substituted for classes from the optional list, provided it is evident from the student’s prior education and experience, and professional development needs, that this reprepents a more appropriate and relevant curriculum. This is also subject to agreement from the course director, that the alternative curriculum continues to meet the accreditation requirements for breadth and depth.

Students for the degree of MSc only

CP 936 Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework, the Project where undertaken

## Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Process Technology and Management, or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from an approved course curriculum, including the 60 credit project.
    2. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Process Technology and Management or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have accumulated no fewer than 120 credits from an approved course curriculum.
    3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Process Technology and Management or Chemical Technology and Management, or Advanced Chemical and Process Engineering a candidate must have accumulated no fewer than 60 credits from an approved course curriculum.

# 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 General Postgraduate Regulations]

## Admission

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

## Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

The course is available by full-time study only.

## Place of Study

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), study may be undertaken at University of Strathclyde or within other institutions or agencies approved by Senate.

## 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 Management | 5 | 10 |

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

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.44.40 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall 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 Science or Engineering; or

1. 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 (see General Postgraduate Regulations).

## 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 Structural Stability  EF 931 Project Management | | 5  5 | 10  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 946 | Global Water Policy | 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 927 | Design Management | 5 | 10 |
| EF 932  EV 908 | Risk Management  Pollution and Rehabilitation of Degraded Ecosystems | 5  5 | 10  10 |
| EV 939 | Environmental Impact Assessment | 5 | 10 |
| EC 937 | City Systems and Infrastructure | 5 | 10 |
| CL 913  CL 994 | Public Health Studies  Circular economy and transformations towards sustainability | 5  5 | 10  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 (see General Postgraduate Regulations).

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**

**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 General Postgraduate Regulations]

## Admission

19.44.280 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall 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 Science or Engineering; or

1. 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 (see General Postgraduate Regulations) 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 Industry 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 927 | Design Management | 5 | 10 |
| EF 932  EV 908 | Risk Management  Pollution and Rehabilitation of Degraded Ecosystems | 5  5 | 10  10 |
| EV 939  CL 994 | Environmental Impact Assessment  Circular economy and transformations towards sustainability | 5  5 | 10  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 (see General Postgraduate Regulations).

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 with Industry (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

1. 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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall 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. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The courses are available full-time and part-time flexibly via on campus study (Open Access) or off campus (Distance Learning).

## Place of Study

* + 1. As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), some off-campus work may be required. Study by Flexible Learning options will require off-campus arrangements of distance learning.

## 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

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 946 | Global Water Policy | 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 |

|  |  |  |  |
| --- | --- | --- | --- |
| 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 (see General Postgraduate Regulations).

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

CL 944 Project in Environmental Engineering 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, the project, where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Engineering a candidate must have accumulated no fewer than 60 credits from the taught 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall 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 any discipline; or
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The courses are available full-time and part-time flexibly via on campus study (Open Access).

## Place of Study

* + 1. As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), some off-campus work may be required.

## Curriculum

* + 1. 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  CL 929 | Qualitative and Quantitative Research Methods Client-Based Environmental  Entrepreneurship in Practice | 5  5 | 10  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 946 | Global Water Policy | 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 |
| 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, the project where undertaken.

## Award

* + 1. **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 CL930, Project in Environmental Entrepreneurship.
    2. **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
    3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

# FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

**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 General Postgraduate Regulations]

## Admission

19.44.201 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.44.202 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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 of MSc 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**

**GEOENVIRONMENTAL ENGINEERING**

## Postgraduate Certificate in Geoenvironmental Engineering Course Regulations

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

## Admission

19.44.91 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
2. a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
3. 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

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. All 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 than20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CL 961 | Geographical Information Systems | 5 | 10 |
| CL 904 | Waste Management and Landfill Design | 5 | 10 |
| CL 946 | Global Water Policy | 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations and, the coursework.

## Award

* + 1. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
2. a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
3. 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

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. All 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 than20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CL 971 | Air Pollution, Climate Change & Human Health | 5 | 10 |
| CL 946 | Global Water Policy | 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations and the coursework.

## Award

* + 1. **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.

# 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 General Postgraduate Regulations]

## Admission

19.44.211 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall 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 any discipline; or
2. 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations), 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 credits, as approved by the Course Director. | than | 20 |
| Students for the degree of MSc only |  |  |
| EV 900 Project | 5 | 60 |

## Examination, Progress and Final Assessment

19.44.215 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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 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 General Postgraduate Regulations]

## Admission

19.45.311 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## 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 and 60 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 (see General Postgraduate Regulations).

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.

# 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 Postgraduate Regulations]

## Admission

19.45.346 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), successful applicants shall

1. possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or
2. 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 (see General Postgraduate Regulations).

## 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 be completed 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 (see General Postgraduate Regulations).

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.

**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 General Postgraduate Regulations]

## Admission

19.45.421 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.45.422 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Place of Study

19.45.423 As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), 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 |
| DM981 | 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.191 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.45.192 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 | 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 (see General Postgraduate Regulations).

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

# 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 General

Postgraduate Regulations]

*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:

1. possess a bachelors degree or the normal equivalent, at the equivalent of upper 2nd class level, in an Engineering, Science or Technology subject
2. 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 (see General Postgraduate Regulations).

## 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 |
| DM984 | 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

|  |  |  |  |
| --- | --- | --- | --- |
| EX9XX | MSc Project | 5 | 60 |
| EX9XX | Design Science | 5 | 20 |
| EX9XX | Individual Industry Project | 5 | 20 |
| EX9XX | 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.

# 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 General Postgraduate Regulations]

## 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 (see General Postgraduate Regulations).

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.

# 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 General

Postgraduate Regulations]

*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:

1. possess a bachelors degree or the normal equivalent, at the equivalent of 2nd class level, in an Engineering, Science or Technology subject
2. 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 (see General Postgraduate Regulations).

## 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) |
| EX946 | 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.

# 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 General Postgraduate Regulations]

## 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 (see General Postgraduate Regulations).

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.

**FACULTY OF ENGINEERING**

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

**Industrial Engineering**

**MSc in Industrial Engineering**

**Postgraduate Diploma in Industrial Engineering Postgraduate Certificate in Industrial Engineering**

**Course Regulations**

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

## Admission

Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

The courses may be 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 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 | Credit |
| 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 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 |

Optional Classes

No fewer than 20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| DM 939 | Digital Manufacturing Concepts | 5 | 10 |
| DM 942 | Manufacturing Automation | 5 | 10 |
| DM 943 | Sustainable Product Design & Manufacturing | 5 | 10 |
| DM 948 | Advanced Materials & Production Technology | 5 | 10 |
| DM 981 | Management of Innovation | 5 | 10 |
| EF 931 | Project Management | 5 | 10 |
| DM 944 | Product Costing & Financial Management | 5 | 10 |
| Students for the Degree of MSc only | | | |
| DM 932 | Postgraduate Individual Project | 5 | 60 |

Exceptionally, such other classes totalling no more than 10 credits, as approved by the Course Coordinator.

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

The final assessment will be based on performance in the examinations, coursework, and the DM932 Postgraduate Individual Project where undertaken.

## Award

**Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the DM932 Postgraduate Individual Project.

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

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

# 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 General Postgraduate Regulations]

## Admission

19.45.291 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## 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 Classes Level 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.667 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.45.668 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.121 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.45.122 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations)

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.376 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), successful applicants shall

1. possess a first or second class Honours degree in a Design, Product Development, Science, Technology or Engineering subject; or
2. 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 (see General Postgraduate Regulations)

## 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

|  |  |  |  |
| --- | --- | --- | --- |
| DM503 | Global Design | 5 | 10 |
| DM923 | Product Modelling and Visualisation | 5 | 10 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DM931 | Industry Group Project | 5 |  | 40 |
| DM934 | Design Methods | 5 |  | 10 |
| DM981 | Management of Innovation |  | 5 | 10 |
| DM983 | Design Form and Aesthetics |  | 5 | 10 |
| DM984 | Human Centred Design |  | 5 | 10 |
| EF927 | Design Management |  | 5 | 10 |

10 Optional Credits from

AB975 Sustainability 5 10 DM918 People, Organisation and Technology 5 10 DM920 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 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 (see General Postgraduate Regulations).

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.

# 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 Postgraduate Regulations]

## Admission

19.45.211 Regulation 19.1.1 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

*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 (see General Postgraduate Regulations), 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 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.

# 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 Postgraduate Regulations]

## Admission

19.45.575 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), successful applicants shall

1. possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or
2. a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
3. 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.626 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), successful applicants shall

1. possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or
2. a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
3. 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 (see General Postgraduate Regulations).

## Place of Study

19.45.628 As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.45.586 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), successful applicants shall

1. possess a first or second class Honours degree in an Engineering, Design, Product Development, Science or Technology subject; or
2. a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
3. 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1, applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## 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 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

19.46.202 Regulations 19.1.1, applicants shall possess

1. 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
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess
       1. a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 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 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.46.111 Notwithstanding Regulation 19.1.1, applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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

19.46.112 Regulations 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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 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 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

|  |  |  |  |
| --- | --- | --- | --- |
| 19 940 | General and Strategic Management | 5 | 12 |
| 19 941 | Financial 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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

* + 1. Regulations 19.1.5 and 19.1.6 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

## Award

* + 1. **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.
    2. **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.

* + 1. **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.

# 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 General Postgraduate Regulations]

## Admission

19.46.160 Notwithstanding Regulation 19.1.1, applicants shall possess

1. a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering in a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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

* + 1. Regulations 19.1.4 and 19.1.5 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Curriculum

* + 1. 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 873 | Advanced Power and Energy Systems | 5 | 20 |
| 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 974 | High Voltage Technology and Electromagnetic Compatibility | 5 | 20 |
| EE 975  EE 976 | Power Electronics for Energy and Drive Control Power System Economics, Markets and Asset  Management | 5  5 | 20  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  EE 999 | 5G Communications Networks  PGDip Electronic and Electrical Engineering Dissertation | 5  5 | 20  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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

**MSc Future Energy and Power System Operation and Management**

**MSc in Future Energy and Power System Operation and Management**

**Postgraduate Diploma in Future Energy and Power System Operation and Management**

**Postgraduate Certificate in Future Energy and Power System Operation and Management**

**Course Regulations**

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

## Admission

* + 1. Regulations 19.1.1 (see General Postgraduate Regulations), applicants shall possess
       1. possess a suitable degree in science or engineering from a recognised institution; or
       2. possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
       3. 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

* + 1. Regulations 19.1.5 and 19.1.6 apply (see General Postgraduate Regulations)

## Mode of study

* + 1. The courses are available part-time only.

## Place of Study

* + 1. The Programme is based in Hong Kong. It combines classroom-based (Hong Kong University of Science and Technology, HKUST) and distance learning (Strathclyde).

## Curriculum

* + 1. All students shall undertake an approved curriculum of no fewer than 140 credits as follows:

|  |  |  |
| --- | --- | --- |
| Compulsory Classes | Level | Credits |
| EE 700 External study at HKUST | 5 | 30 |
| EE 767 Power System Operation, Control and Protection | 5 | 20 |
| EE 702 Key Power Systems Concepts and Foundations | 5 | 20 |
| EE 701 Professional Practice Module | 5 | 10 |
| MSc project  EE 790 MSc Project | 5 | 60 |

Optional Classes

All students shall undertake 40 credits from the following list

|  |  |  |  |
| --- | --- | --- | --- |
| EE 766 | Power Electronics Conversion and Control | 5 | 20 |
| EE 705 | Communications and the Smart Grid | 5 | 10 |
| EE 777 | Renewable Energy Systems | 5 | 20 |
| EE 707 | Managing Risk and Uncertainty in Power |  |  |
|  | System Operation | 5 | 10 |
| EE 708 | Asset Management and Condition Monitoring | 5 | 10 |
| EE 703 | Power Utility Management – Business module | 5 | 10 |

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations and coursework together with the MSc project.

## Award

* + 1. **Degree of MSc:** In order to qualify for the Dual Degree of MSc in Future Energy and Power System Operation and Management, awarded by the University of Strathclyde and the Hong Kong University of Science and Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the MSc Project EE 790.

**Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Future Energy and Power System Operation and Management a candidate must have accumulated no fewer than 120 credits from the taught curriculum.

**Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Future Energy and Power System Operation and Management a candidate must have accumulated no fewer than 60 credits from the taught curriculum.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

**MACHINE LEARNING AND DEEP LEARNING**

**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 General Postgraduate Regulations]

## Admission

19.46.285 Regulations 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or good second class Honours degree (in electronic, electrical, computer science or other science-related subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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

19.46.286 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 | Autonomous 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 |
| 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 (see General Postgraduate Regulations).

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.

# 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

1. possess a suitable higher education degree from European universities in the field of engineering, geosciences, oceanography, mathematics, physics or environmental sciences; or
2. possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
3. 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 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 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.

# 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 General Postgraduate Regulations]

## Admission

19.46.325 Notwithstanding Regulation 19.1.1, applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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).

# 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 General Postgraduate Regulations]

## Admission

19.46.140 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
3. 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 (see General Postgraduate Regulations).

## 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 873 | Advanced Power and Energy Systems | 5 | 20 |
| 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 974 | High Voltage Technology and Electromagnetic Compatibility | 5 | 20 |
| EE 975  EE 976 | Power Electronics for Energy and Drive Control Power System Economics, Markets and Asset Management | 5  5 | 20  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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. 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
2. 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

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## 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 from List 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**  Credits | Level |
| 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

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Course Structure

* + 1. 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**

* + 1. **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 Engineering | 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.

* + 1. 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 |

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, the Individual Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess
       1. 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
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

ADVANCED MECHANICAL ENGINEERING

MSc in Advanced Mechanical Engineering with Industrial Placement

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

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 **11048.UG.7**.

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, 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.

**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**

**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

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess

1. 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
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

* + 1. The course is only available by part-time distance learning 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

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

Optional Classes

No fewer than 120 credits chosen from:

Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| ME 919 | Electrical Power Systems | 5 | 10 |
| ME 923 | Gas and Steam Turbines | 5 | 10 |
| ME 926 | Nuclear Power Systems | 5 | 10 |
| ME 945 | Introduction to Open-Source CFD | 5 | 10 |
| ME 946 | Pressurised Systems | 5 | 10 |
| ME 948 | Hydraulics | 5 | 10 |
| ME 949 | Advanced Open-Source CFD | 5 | 10 |
| ME 950 | Boiler Thermal Hydraulics | 5 | 10 |
| ME 952 | Advanced Spaceflight Mechanics | 5 | 10 |
| ME960 | Applied Metallurgy | 5 | 10 |
| ME962 | Degradation of Metals and Alloys | 5 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| ME 963 | Structural Integrity | 5 | 10 |
| ME 954 | Introduction to Satellite Applications | 5 | 10 |
| ME 955 | Introduction to Space Technologies | 5 | 10 |
| CP 933 | Project Management | 5 | 10 |

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

Students for the Postgraduate Diploma only may choose the following additional optional class:

ME 973 Mechanical and Aerospace Engineering PGDip Dissertation 5 20

Students for the degree of MSc only

EF 900 Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.
    4. to

19.47.80 (number 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 the General Postgraduate Regulations]

## Admission

19.47.120 Notwithstanding Regulation 19.1.1 of the General Postgraduate Regulations, applicants shall possess

1. 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
2. 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 Postgraduate Diploma only may choose the following additional optional class:

ME 973 Mechanical and Aerospace Engineering PGDip Dissertation 5 20

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 of the General Postgraduate Regulations 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.

**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING SATELLITE DATA FOR SUSTAINABLE DEVELOPMENT**

**Master of Science in Satellite Data for Sustainable Development Postgraduate Diploma in Satellite Data for Sustainable Development Postgraduate Certificate in Satellite Data for Sustainable Development**

*These regulations are to be read in conjunction with General Academic Regulations - Postgraduate Taught Degree Programme Level.*

**Admission**

1. Notwithstanding the General Academic Regulations - Postgraduate Taught Degree Programme Level, applicants shall possess:
   1. 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 Business, Social Science, Science or Engineering field; or
   2. possess a qualification deemed by the Programme Leader acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

**Duration of Study**

1. See General Academic Regulations - Postgraduate Taught Degree Programme Level.

**Mode of Study**

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

**Curriculum**

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

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CL961 | Geographical Information Systems | 5 | 10 |
| ME975 | Satellite Data Assimilation and Analysis | 5 | 10 |
| ME977 | Machine Learning for Satellite Data | 5 | 10 |
| ME976 | Satellite Applications for Sustainable Development Goals | 5 | 20 |
| **Students for the degree of MSc only**: | | | |
| EF900 | Project | 5 | 60 |

**Optional Modules**

A minimum of 20 credits from the following:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EF931 | Project Management | 5 | 10 |
| AB975 | Sustainability (Sem 1) | 5 | 10 |
| CL994 | Circular Economy and Transformations Towards Sustainability | 5 | 10 |
| EF932 | Risk Management | 5 | 10 |
| CS978 | Legal, Ethical and Professional issues for the Information Society | 5 | 10 |
| EV939 | Environmental Impact Assessment | 5 | 10 |

Modules, bringing taught credit total to 120 credits, to be chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AB931 | Design Studio | 5 | 10 |
| AB935 | Urban Landscape Design | 5 | 10 |
| CL971 | Air pollution, Climate Change and Human Health | 5 | 10 |
| CS952 | Database & Web Systems Development | 5 | 20 |
| CS985 | Machine Learning for Data Analytics | 5 | 20 |
| CS988 | Big Data Tools and Techniques | 5 | 10 |
| CS989 | Big Data Fundamentals | 5 | 10 |
| CS990 | Database Fundamentals | 5 | 10 |
| ME512 | Spaceflight Mechanics | 5 | 10 |
| ME517 | Spaceflight Systems | 5 | 10 |
| ME927 | Energy Resources and Policy | 5 | 10 |
| ME928 | Energy Systems and Analysis | 5 | 10 |
| ME930 | Energy Modelling and Monitoring | 5 | 10 |
| NM833 | Marine Renewable Energy Systems | 5 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| Z1931 | Entrepreneurship, Innovation and Commercialisation | 5 | 10 |
| Z1986 | New Venture Planning | 5 | 10 |

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

Postgraduate Diploma students only will be able to choose the following optional class:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| ME973 | Mechanical and Aerospace Engineering PGDip Dissertation | 5 | 20 |

**Examination, Progress and Final Assessment**

1. See General Academic Regulations - Postgraduate Taught Degree Programme Level.
2. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

**Award**

1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Satellite Data for Sustainable Development, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project EF900.
2. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Satellite Data for Sustainable Development, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Satellite Data for Sustainable Development, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.

# FACULTY OF ENGINEERING

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

**ADVANCED NAVAL ARCHITECTURE**

**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 General Postgraduate Regulations]

## Admission

19.49.139 Regulations 19.1.1-19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.49.140 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 *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

NM839 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 845 | Shipping Economics and Market Sector Analysis | 5 | 10 |
| NM 836 | Data Analysis for Engineering | 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

19.49.112 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1-19.1.4 of the General Postgraduate Regulations shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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 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 NM 965 Individual Project

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| NM 946 | Inspection and Survey | 5 | 10 |
| NM 845 | Shipping Economics and Market Sector Analysis | 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 |

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

10 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| EF 931 | Project Management | 5 | 10 |
| EF 932 | Risk Management | 5 | 10 |
| NM 836 | Data Analysis for Engineering | 5 | 10 |
| NM 844 | Autonomous Marine Vehicles and Digital Twin | 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken

## Award

* + 1. **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~~.
    2. **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.
    3. **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 Department of Naval Architecture, Ocean and Marine Engineering**

**MARINE ENGINEERING WITH SPECIALISATION IN AUTONOMOUS MARINE VEHICLES**

**MSc in Marine Engineering with Specialisation in Autonomous Marine Vehicles**

**Postgraduate Diploma in Marine Engineering with Specialisation in Autonomous Marine Vehicles**

**Postgraduate Certificate in Marine Engineering with Specialisation in Autonomous Marine Vehicles**

**Course Regulations**

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

## Admission

19.49.117 Regulations 19.1.1-19.1.4 shall apply.

## Duration of Study

19.49.118 Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## Curriculum

19.49.120 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 MSc Group Project* (40 credits)

for the degree of MSc – no fewer than 180 credits, including NM965 Individual Project (60 credits)

## Compulsory Classes

|  |  |  |
| --- | --- | --- |
|  | Level | Credits |
| DM 996 | Intelligent Sensing, Reasoning and Deep Learning5 | 20 |
| NM 836 | Data Analysis for Engineering 5 | 10 |
| NM 844 | Autonomous Marine Vehicles and Digital Twin 5 | 10 |
| NM 916 | System Availability and Maintenance 5 | 10 |
| NM 951 | Marine Engineering Simulation and Modelling 5 | 10 |
| NM 837 | Underwater Vehicles 5 | 10 |

Students for the Postgraduate Diploma and degree of MSc only

NM 964 MSc Group Project 5 40

Students for the degree of MSc only:

NM 965 Individual Project 5 60

## Optional Classes

10 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| NM 973 | Maritime Regulatory Framework | 5 | 10 |
| NM 950 | Maritime Safety and Risk | 5 | 10 |
| NM 845 | Shipping Economics and Market Sector Analysis | 5 | 10 |
| 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

19.49.121 Regulations 19.1.25 – 19.1.33 shall apply.

19.49.122 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

## Award

19.49.123 **Degree of MSc**: In order to qualify for the award of MSc in Marine Engineering with Specialisation in Autonomous Marine Vehicles, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught classes, 40 from the Group Project and 60 from the Individual Project.

19.49.124 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Marine Engineering with Specialisation in Autonomous Marine Vehicles a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught classes and 40 from the MSc Group Project.

19.49.125 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Marine Engineering with Specialisation in Autonomous Marine Vehicles a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught classes of the course.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 - 19.1.3 of the General Postgraduate Regulations shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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 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

NM839 Group Design 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.
  1. **Department of Naval Architecture, Ocean and Marine Engineering**

**Offshore Wind Energy**

**MSc in Offshore Wind Energy**

**Postgraduate Diploma in Offshore Wind Energy Postgraduate Certificate in Offshore Wind Energy**

**Course Regulations**

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

## Admission

* + 1. Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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 detailed below.

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits, including the Compulsory Classes, together with *NM 839 Group Design Project* (40 credits)

for the degree of MSc – no fewer than 180 credits, including the Individual Project (60 credits)

## Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Level | Credits |
| NM 841 | Offshore Wind Turbines Dynamics Modelling | 5 | 20 |
| NM 842 | Offshore Structural Integrity | 5 | 10 |
| NM 843 | Risk and Reliability Engineering | 5 | 10 |
| EE 989 | Wind Turbine Technology | 5 | 20 |
| EE 821 | Wind Generators Modelling and Control | 5 | 10 |
| EE 820 | Offshore Wind Farm O&M and Economics | 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

## Award

* + 1. **Degree of MSc**: In order to qualify for the award of the degree of MSc in Offshore Wind Energy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must be from the taught classes, 40 from the Group Desgin Project and 60 from the Individual Project.
    2. **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Offshore Wind Energy a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught classes and 40 from the Group Design Project.
    3. **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Offshore Wind Energy a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught 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 the General Postgraduate Regulations]*.*

## Admission

* + 1. Regulations 19.1.1 - 19.1.3 of the General Postgraduate Regulations shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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 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 |
| NM 958 | Plated Structures  Risers and Mooring Lines | 5 | 10 |
| NM 959 | Dynamics of Floating Offshore Installations | 5 | 10 |
| NM 962 | Advanced Marine Structures | 5 | 10 |
| NM 960  NM 979 | Finite Element Analysis of Floating Structures Computational Modelling of Problems in Structural Mechanics | 5  5 | 10  10 |
| NM 981 | Materials Engineering | 5 | 20 |

Students for the Postgraduate Diploma and degree of MSc only

NM839 Group Design 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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 General

Postgraduate Regulations]

*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

* + 1. 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

* + 1. The normal duration of study for the degree of MSc by full-time study will be 2 years (4 semesters).

## Place of Study

* + 1. 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

* + 1. The course is available by full-time study only.

## Curriculum First Year

* + 1. 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 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

* + 1. 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.
    2. 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.
    3. 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.
    4. 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

* + 1. **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

* + 1. Students who do not perform at MSc level may be considered for a Postgraduate Diploma or a Postgraduate Certificate in Ship and Offshore Technology, to be awarded by the University of Strathclyde only.

# FACULTY OF ENGINEERING

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

**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 General Postgraduate Regulations]

## 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 (see General Postgraduate Regulations).

19.49.105 The final assessment will be based on performance in the examinations 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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulation 19.1.1 to 19.1.3 of the General Postgraduate Regulations shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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

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

NM839 Group Design 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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**

**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 the General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1-19.1.4 of the General Postgraduate Regulations shall apply.

In the first instance, students shall normally be admitted to either the Postgraduate Diploma or MSc course.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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 including NM839 group design project

for the degree of MSc no fewer than 180 credits including NM965 individual project

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| NM 845 | Shipping Economics and Market Sector Analysis | 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 |
| EF 931 | Project Management | 5 | 10 |
| NM 836 | Data Analysis for Engineering | 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

No fewer than 20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| M8 924 | International Law and Oceans Governance | 5 | 20 |
| NM 946 | Inspection and Survey | 5 | 10 |
| NM 950 | Maritime Safety and Risk | 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken.,

## Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must be from the Group Design Project and 60 from the Individual Project NM 965.
    2. **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 be from the Group Design Project.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.121.263 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 months and the maximum period of study will be 36 months from the date of registration. For students taking the course on a part-time basis regulation 19.1.5 and 19.1.6 will apply (see General Postgraduate Regulations).

19.121.265 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations)

19.121.266 **Mode of Study**

Regulation 19.1.7 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.121.304 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.121.305 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

19.121.306 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

## Mode of Study

19.121.307 The course is available by part-time study only

## Curriculum

19.121.308 All 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

1. 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 (see General Postgraduate Regulations). 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.

# 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 General Postgraduate Regulations].

## Admission

19.121.345 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

19.121.347 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

## 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.

# 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 General Postgraduate Regulations]

## Admission

19.121.179 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

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## Place of Study

19.121.181 As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), 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

19.121.183 All 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.121.623 Regulations 19.1.1 and 19.1.3 shall apply (General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## Mode of Study

19. 121.625 The course is delivered online.

19. 121.626

## Curriculum

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 (see General Postgraduate Regulations).

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.

# 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 General

Postgraduate Regulations]

## Admission

19.121.464 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.121.504 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.121.584 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. 19.1.4 shall not apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## Mode of Study

19.121.587 The Postgraduate Diploma in Gaelic Immersion for Teachers is 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 (General Postgraduate Regulations). 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 (General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.121.543 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants shall 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

|  |  |  |  |
| --- | --- | --- | --- |
| Credits |  | Level |  |
| HS 951 | Infant Observation 1 | 5 | 20 |
| HS 952 | Infant Observation 2 | 5 | 20 |
| HS 953  HS 954 | Young Child Observation  Work Discussion and Institutional Processes | 5  5 | 20  20 |
| HS 956 | Personality Development | 5 | 10 |
| HS 957 | A History of Psychoanalytic Thinking | 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.

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF EDUCATION**

**RESEARCHER PROFESSIONAL DEVELOPMENT**

**Postgraduate Certificate in Researcher Professional Development**

These regulations are to be read in conjunction with General Academic Regulations - Postgraduate Taught Degree Programme Level

**Admission**

1. General Academic Regulations - Postgraduate Taught Degree Programme Level shall apply.

**Duration of Study**

1. General Academic Regulations - Postgraduate Taught Degree Programme Level The normal duration of study will be 36 months.
2. The programme is available by full-time and part-time study.

**Curriculum**

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

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Codes** | **Title** | **Level** | **Credits** |
| RD901 | Researcher Knowledge and Intellectual Abilities | 5 | 20 |
| RD902 | Researcher Personal Effectiveness | 5 | 10 |
| RD903 | Research Governance and Organisation | 5 | 10 |
| RD904 | Researcher Engagement, Influence and Impact | 5 | 10 |
| RD905 | Researcher Professional Development Elective | 5 | 10 |

**Examination, Progress and Final Assessment**

1. General Academic Regulations - Postgraduate Taught Degree Programme Level
2. The final assessment will be based on performance in the examinations and coursework.

**Award**

1. **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Researcher Professional Development, a candidate must have accumulated no fewer than 60 credits from the programme curriculum.

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# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION COURSES**

## Course Regulations

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

## Admission

* + 1. Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations), 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Place of Study

* + 1. As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), all PGT courses make use of distance learning and blended learning as well as on campus delivery as appropriate.

## Mode of Study

* + 1. 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

* + 1. 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

* + 1. All 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 |  |  |

* + 1. 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***

* + 1. 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 |

* + 1. 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***

* + 1. 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 |  |

* + 1. 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 Reasoning5 | 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  X3 XXX X3 XXX | 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  Or  Professionalism and Professional Learning  And  Putting Theory into Practice through Work-based Learning | 5  5  5  5  5  5 | 20  20  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

* + 1. 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 |

* + 1. 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

* + 1. 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 |
| X3 832 | 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 |  |

* + 1. 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 |  |  |  |
| X3828 | Strategic Leadership (Distance) | 5 | 20 |
| X3824 | 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

* + 1. 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

* + 1. 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)

* + 1. 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

* + 1. 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

* + 1. 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

* + 1. 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

* + 1. 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 |

### Postgraduate Certificate in Health, Wellbeing and Sustainability

* + 1. All students shall undertake an approved curriculum as follows Compulsory classes Level Credits X9722 Health & Wellbeing: Policy, Practice & 5 20

Pedagogy

|  |  |  |
| --- | --- | --- |
| X3969 Learning for Sustainability | 5 | 20 |
| X3992 Developing Effective Practice in Youth | 5 | 20 |

Health Promotion

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations where undertaken, coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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

# 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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION COURSES**

**SPARK (Strathclyde Programme In Academic Practice, Researcher Development And Knowledge Exchange)**

## Postgraduate Certificatein Learning and Teaching in Higher Education, Research and Knowledge Exchange or Academic Practice (Part-time)

**Course Regulations**

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

## Admission

19.121.383 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3 (see General Postgraduate Regulations), applicants for the Postgraduate Certificate in Learning and Teaching in Higher Education, Research and Knowledge Exchange or 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 Regulation 19.1.5 shall apply (see General Postgraduate Regulations). The maximum period of study for completing a PgCert shall be 36 months.

## Place of Study

19.121.385 Regulation 19.1.8 shall apply (see General Postgraduate Regulations).

## Mode of Study

19.121.386 The Postgraduate Certificate in Learning and Teaching in Higher Education, Research and Knowledge Exchange or 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

### Research and Knowledge Exchange

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X9 801 | Building a Successful Research Career | 5 | 20 |
| X3 974 | Understanding and Exploring Knowledge Exchange | 5 | 20 |

### Academic Practice

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X9 894 | Teaching, Learning and Assessment within |  | |
|  | the Disciplines | 5 | 20 |
| X9 801 | Building a Successful Research Career | 5 | 20 |
| X3 974 | Understanding and Exploring Knowlwdge Exchange | 5 | 20 |

### Optional Classes Learning and Teaching in Higher Education

No Fewer than 20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| 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 899 | Leadership in Higher Education | 5 | 20 |

### Optional Classes Research and Knowledge Exchange

No fewer than 20 Credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| X9 898 | Supervising Postgraduate Research | 5 | 20 |
| X9 896 | Academic Writing | 5 | 20 |
| X9 899 | Leadership in Higher Education | 5 | 20 |
| X3 480 | Research Bidding and Design – Getting Started | 5 | 20 |
| X3 985 | Enterprise, Commercialisation and |  |  |
|  | Intellectual Property | 5 | 20 |

Students in the Learning and Teaching in Higher Education pathway are permitted to take the remaining 20 credits from any SPARK programme classes.

## Examination, Progress and Final Assessment

19.121.388 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

## Award

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.

# 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 General Postgraduate Regulations]

## Admission

19.121.423 Regulations 19.1.1 to 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.121.424 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Place of Study

19.121.425 In accordance with Regulation 19.1.8 (see General Postgraduate Regulations), 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

19.121.427 All 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  Or | Research Methodologies and Reasoning | 5 | 20 |
| 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  20 | Contemporary Scottish Cultural Studies | 5 |  |

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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.130.287 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.130.124 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1 to 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The courses are available by full-time or 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 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

No fewer than 80 credits to be chosen from the optional lists below with at least 20 credits from both List A and List B

|  |  |  |  |
| --- | --- | --- | --- |
| 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

Or L2 974 Placement Dissertation 5

60

Students for the degree of LLM only

M9 863 Dissertation 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

## Award

* + 1. **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.
    2. **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 or L2 974 Placement Dissertation.
    3. **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.
    4. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

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 |
| Or | L2 974 | Placement Dissertation | 5 | 60 |

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
    3. The final assessment will be based on performance in the examinations, the coursework and the dissertation.

## Award

* + 1. **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 or Placement Dissertation L2 974.
    2. **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.
    3. **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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF GOVERNMENT AND PUBLIC POLICY POLITICS**

**Master of Science (MSc) in Politics Postgraduate Diploma in Politics Postgraduate Certificate in Politics**

**Master of Science (MSc) in Politics with Specialisation in\* Postgraduate Diploma in Politics with Specialisation in \* Postgraduate Certificate in Politics with Specialisation in \***

**Specialisations**

**\*European Politics**

**\*Comparative 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

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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 | 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. Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

For Specialism in European Politics

L29XX Comparative Political Economy 5 20

L2914 European Governance 5 20

Students must choose 40 Credits Chosen from Classes Listed Below as Optional

|  |  |  |  |
| --- | --- | --- | --- |
| L2 912 | International Institutions and Regimes | 5 | 20 |
| L2 915 | Contesting Global Governance | 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.

For Specialism in Comparative Politics

|  |  |  |  |
| --- | --- | --- | --- |
| L2916 | Comparative Public Policy | 5 | 20 |
| L29XX | Comparative Political Economy | 5 | 20 |

Students must choose 40 Credits Chosen from Classes Listed Below as Optional

|  |  |  |  |
| --- | --- | --- | --- |
| L2 912 | International Institutions and Regimes | 5 | 20 |
| L2 914 | European Governance | 5 | 20 |
| L2 915 | Contesting Global Governance | 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 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. Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Students for the degree of MSc only

L2 933 Dissertation 5 60

Or L2974 Placement 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 L2933 or Placement Dissertation L2974.

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 General Postgraduate Regulations]

19.130.247 **Admission**

Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

19.130.248 **Duration of Study**

Regulations 19.1.5 shall apply (see General Postgraduate Regulations).

Notwithstanding regulation 19.1.6 (see General Postgraduate Regulations), 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 programme

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | L2 909  CS 978 | Qualitative Methods  Legal, Ethical and Professional Issues for the Information Society | 5  5 | 20  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 |
| Or | L2 974 | Placement 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 (see General Postgraduate Regulations).

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 L2 933 or Placement Dissertation L2 974.

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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

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 | 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 |

*\* 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 |
| Or | L2 974 | Placement Dissertation | 5 | 60 |

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
    3. The final assessment will be based on performance in all elements of the coursework and the dissertation.

## Award

* + 1. **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 or Placement Dissertation L2 974.
    2. **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.
    3. **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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF GOVERNMENT AND PUBLIC POLICY URBAN POLICY & ANALYSIS**

**MSc in Urban Policy & Analysis with Specialisation in\***

**Postgraduate Diploma in Urban Policy & Analysis with Specialisation in \***

**Postgraduate Certificate in Urban Policy & Analysis with Specialisation in \***

**Specialisations**

**\*Sustainability**

**\*Infrastructure**

**Course Regulations**

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

## Admission

19.130.XX Notwithstanding Regulation 19.1.1, applicants shall normally possess

1. a first or second class Honours degree in Social Science of a United Kingdom university; or
2. 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.XX Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## Curriculum

19.130.XX 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 972 | Understanding and modelling cities | 5 | 20 |
| L2 916 | Comparative Public Policy | 5 | 20 |
| L2 XXX | Global and Future Cities | 5 | 20 |
| L2 905 | Quantitative Methods I | 5 | 20 |
| *and* |  |  |  |
| *for MSc in Urban Policy & Analysis with a Specialisation in Sustainability* | | | |
| EV 939 | Environmental Impact Assessment | 5 | 10 |

CL 994 Circular economy and transformations towards sustainability

5 10

*Or*

*for MSc in Urban Policy & Analysis with a Specialisation in Infrastructure*

|  |  |  |  |
| --- | --- | --- | --- |
| L2 967 | City systems and infrastructure | 5 | 10 |
| EC 954 | Analysis of Economic Data | 5 | 20 |

Optional Classes

*for MSc in Urban Policy & Analysis with a Specialisation in Sustainability*

no fewer than 20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 985 | Machine Learning for Data Analytics | 5 | 20 |
| CS 982 | Big Data Technologies | 5 | 20 |
| CL 904 | Waste Management and Landfill Design | 5 | 10 |
| EV 921 | Water and Environmental Management | 5 | 10 |
| CL 970 | Environmental Pollution Management | 5 | 10 |
| EC 927 | Environmental Economics | 5 | 10 |
| OR |  |  |  |
| EC 913 | International Environmental Policy | 5 | 10 |

*for MSc in Urban Policy & Analysis with a Specialisation in Infrastructure*

no fewer than 10 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CL 904 | Waste Management and Landfill Design | 5 | 10 |
| EF 931 | Project Management | 5 | 10 |
| CL 961 | Geographical Information Systems | 5 | 10 |
| ME 954 | Introduction to Satellite Applications | 5 | 10 |

Such other Level 5 classes chosen from other courses offered by the Faculty of Humanities and Social Sciences and other Faculties on campus as may be approved by the Head of Department/School 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.XX Regulations 19.1.25 – 19.1.33 shall apply.

19.130.XX Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

19.130.XX The final assessment will be based on performance in all elements of the coursework and the dissertation.

## Award

19.130.XX **Degree of MSc**: In order to qualify for the award of the degree of MSc in Urban Policy & Analysis 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 dissertation L2 933.

19.130.XX **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Urban Policy & Analysis with a specialisation in \*, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.

19.130.XX **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Urban Policy & Analysis with a specialisation in

\*, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.130.XX to

19.130.XX (numbers 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 General Postgraduate Regulations].

19.123.282 **Admission**

Applicants should possess

1. a first or upper second class Honours degree from a United Kingdom university, or
2. 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 (see General Postgraduate Regulations).

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  V1 990 | Gender, Health and Modern Medicine  The Working Man in Modern Britain: Gender, Class and Health, 1800-2000 | 5  5 | 20  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.

# 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 General Postgraduate Regulations]

## Admission

19.123.241 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall

1. 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
2. possess a professional qualification deemed by the course leader to be equivalent to (i) above; or
3. 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 (General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations), 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 | Business Translation | 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 904 Dissertation/Translation Project 5 60

## Examination, Progress and Final Assessment

19.123.246 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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.

**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 General Postgraduate Regulations]

## Admission

* + 1. Applicants shall

1. 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
2. possess a qualification deemed by the Course Director acting on behalf of Senate to be 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.
4. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

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 986 | Research skills and methods in  humanities | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 987 | Advanced Topics in Interdisciplinary  English Studies | 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 |
| QQ 902 | Global Queers: Travel Writing And Sexual Politics | 5 | 20 |
| QQ 901 | Transcultural Fandom and British Popular 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 |

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

P3959 Dissertation 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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

## Award

* + 1. **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.
    2. **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.
    3. **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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF HUMANITIES DIGITAL JOURNALISM**

**MLitt in Digital Journalism**

**MLitt in Digital Journalism with a specialisation in \* Postgraduate Diploma in Digital Journalism**

**Postgraduate Diploma in Digital Journalism with a specialisation in**

**\***

**Postgraduate Certificate in Digital Journalism**

* + - * **Journalism, Ethics and Trauma**
      * **Political Communication**
      * **Health Communication**

**Course Regulations**

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

## Admission

19.123.201 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.123.202 Regulations 19.1.4 and 19.1.5 shall apply (see General Postgraduate Regulations).

## 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 |

Optional Classes

No fewer than 40 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 957 | Entrepreneurial Journalism | 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 |
| P3 977 | Media and Health | 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.

## Specialisations

**Journalism, Ethics and Trauma**

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ939 | Research Skills in Literature, Culture and |  | | |
|  | Place | 5 |  | 20 |
| P3 955 | Media Ethics |  | 5 | 20 |
| Pxxxx | Advanced Readings in Journalism, |  |  |  |
|  | Ethics and Trauma |  | 5 | 20 |

No fewer than 40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| P3 950 | Producing Media | 5 | 20 |
| P3 954 | Scots Law for Journalists | 5 | 20 |
| P3 958 | Multimedia Journalism | 5 | 20 |
| P3 957 | Entrepreneurial Journalism | 5 | 20 |

No fewer than 20 credits chosen from other classes relating to ethics or trauma offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

## Political Communication

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ939 | Research Skills in Literature, Culture and |  | | |
|  | Place | 5 | 20 | |
| P3 964 | Digital Communication and Society (PGT) | | 5 | 20 |
| Pxxxx | Advanced Readings in Communicating Politics | | 5 | 20 |

No fewer than 40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| P3 950 | Producing Media | 5 | 20 |
| P3 954 | Scots Law for Journalists | 5 | 20 |
| P3 958 | Multimedia Journalism | 5 | 20 |
| P3 957 | Entrepreneurial Journalism | 5 | 20 |

No fewer than 20 credits chosen from other classes relating to politics and communication offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

**Health Communication**

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ939 | Research Skills in Literature, Culture and |  | | |
|  | Place | 5 |  | 20 |
| P3 977 | Media and Health |  | 5 | 20 |
| Pxxxx | Advanced Readings in Health Communication | | 5 | 20 |

No fewer than 40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| P3 950 | Producing Media | 5 | 20 |
| P3 954 | Scots Law for Journalists | 5 | 20 |
| P3 958 | Multimedia Journalism | 5 | 20 |
| P3 957 | Entrepreneurial Journalism | 5 | 20 |

No fewer than 20 credits chosen from other classes relating to health and communication 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

Students pursuing one of the named pathways must undertake their dissertation on the topic of the respective pathway. The P3956 Production Dissertation can only be taken if a student has passed the

required prerequisite classes P3958 Multimedia Journalism and P3950 Producing Media.

## Examination, Progress and Final Assessment

19.123.205 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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 **Degree of MLitt (named pathway):** In order to qualify for the degree of MLitt in Digital Journalism (named pathway), candidates must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation P3928 or P3956 and 60 must have been awarded in taught classes under the respective pathway

19.123.209 **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.

**19.12.210 Postgraduate Diploma (named pathway):** In order to qualify for the award of the Postgraduate Diploma in Digital Journalism (named pathway), a candidate must have accumulated no fewer than 120 credits from the taught classes of the course, 60 of which must have been awarded in taught classes under the respective pathway

19.123.211 **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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF HUMANITIES**

**DIPLOMACY AND INTERNATIONAL SECURITY**

**MSc in Diplomacy and International Security**

**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 General Postgraduate Regulations].

## Admissions

19.123.332 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or upper-second class Honours degree in History, Politics, Law, social sciences or a related discipline of a United Kingdom university; or
2. 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 (see General Postgraduate Regulations).

## 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 classes Credits

Level

|  |  |  |  |
| --- | --- | --- | --- |
| V1 993 | Diplomacy: Evolution, Theory and Practice | 5 | 20 |
| V1 994 | Embassies in Crisis | 5 | 20 |

## For the History pathway

V1 932 Research skills, sources and methods for

Historians 5 20

## For the Politics pathway

L2 941 Principles of Research Design 5 20

Optional Classes

No fewer than 60 credits to be chosen from the optional list below.

|  |  |  |  |
| --- | --- | --- | --- |
| 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 962 | Contemporary International Relations | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| 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  M9 865  M8 913 | International Human Rights Law Terrorism and the Law International Investment Law & Sustainable Development | 5  5 | 20  20 |
| M9810 | Mediation, Policy & the Law | 5 | 20 |
| M9 873 | Oceans Governance & International Law | 5 | 20 |
| M9 939 | Negotiation | 5 | 20 |
| V1 974 | 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 996 Diplomacy and Conflict Resolution in the Arab-Israeli Dispute, 1947-1979 5 20

V1 999 Red Continent: Africa and the Global Cold War 5 20 V1 966 Scotland and Ulster in the early modern North Atlantic World 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.

For the degree of MSc only:

V1 919 Dissertation 5 60

## Examination, progress and final assessment

19.123.336 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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.

# 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 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in History or a related discipline of a United Kingdom university; or
2. 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 (see General Postgraduate Regulations).

## 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 |  |  |
| V1 929 | Century  Race, Ethnicity, and Health in 20th Century | 5 | 20 |
|  | 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admissions

19.123.159 Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

1. a first or second class Honours degree in History or a related discipline of 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.

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 (see General Postgraduate Regulations).

## 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 |  |  |
| V1 929 | Century  Race, Ethnicity, and Health in 20th Century | 5 | 20 |
|  | 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 (see General Postgraduate Regulations).

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 qualify for the award of the degree of MSc in Historical Studies, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation 22 900.

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

19.123.168 **Postgraduate Certificate in Historical Studies**: In order to qualify for the award of the Postgraduate Certificate in Historical Studies, a candidate must have accumulated no fewer than 60 credits from the taught 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

# 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 General Postgraduate Regulations]

## Admission

19.123.320 Regulations 19.1.1 to 19.1.3 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.123.321 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

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## Place of Study

19.123.322 In accordance with Regulation 19.1.8 (see General Postgraduate Regulations), 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

19.123.324 All 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 |

|  |  |  |  |
| --- | --- | --- | --- |
| 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 (see General Postgraduate Regulations).

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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF HUMANITIES MEDIA AND COMMUNICATION**

**MLitt in Media and Communication**

**MLitt in Media and Communication with a specialisation in \* Postgraduate Diploma in Media and Communication**

**Postgraduate Diploma in Media and Communication with a specialisation in \***

**Postgraduate Certificate in Media and Communication**

* **Political Communication**
* **Journalism, Ethics and Trauma**
* **Health Communication**

**Course Regulations**

[These regulations are to be read in conjunction with the General Postgraduate Regulations]

## Admission

Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally possess

* + 1. 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
    2. a qualification deemed by the Course Director acting on behalf of Senate to be 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.

## Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of study

The course is available by both full-time and 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 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.

## Specialisations

**Political Communication**

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ 939 | Research Skills in Literature, Culture and  Place | 5 | 20 | |
| P3 964 | Digital Communication and Society (PGT) | | 5 | 20 |
| Pxxxx | Advanced Readings in Communicating Politics | | 5 | 20 |

No fewer than 40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

No fewer than 20 credits chosen from other classes relating to politics and communication offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director, including P3965 Individual Project with Client.

## Journalism, Ethics and Trauma

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ 939 | Research Skills in Literature, Culture and |  | | |
|  | Place | 5 |  | 20 |
| P3 955 | Media Ethics |  | 5 | 20 |
| Pxxxx | Advanced Readings in Journalism, |  |  |  |
|  | Ethics and Trauma |  | 5 | 20 |

No fewer than 40 credits chosen from

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 965 | Individual Project with Client |  | 5 | 20 |

No fewer than 20 credits chosen from other classes relating to ethics or trauma offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

## Health Communication

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QQ 939 | Research Skills in Literature, Culture and |  | | |
|  | Place | 5 |  | 20 |
| P3977 | Media and Health |  | 5 | 20 |

Pxxxx Advanced Readings in Health Communication 5 20 No fewer than 40 credits chosen from

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 965 | Individual Project with Client |  | 5 | 20 |

No fewer than 20 credits chosen from other classes relating to health and communication 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 966 Communication and Media Dissertation 5 60

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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

## 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.

**Degree of MLitt with a specialisation in \*:** In order to qualify for the degree of MLitt in Media and Communication (named pathway), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation and 60 must have been awarded in taught classes under the respective pathway

* + 1. **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.

**Postgraduate Diploma with a specialisation in \* :** In order to qualify for the award of the Postgraduate Diploma in Media and Communication (named pathway), a candidate must have accumulated no fewer than 120 credits from the course curriculum, 60 of which must have been awarded in taught classes under the respective pathway

* + 1. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or second class Honours degree in Social Science 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.

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

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is 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 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
    3. The final assessment will be based on performance in the examinations, coursework and the dissertation.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply. Full Time

Regulations 19.1.5 and 19.1.6 shall apply.

Part Time

Regulations 19.1.5 and 19.1.6 shall apply.

Part Time (Accelerated)

Notwithstanding Regulations 19.1.5 and 19.1.6, the minimum period of study for part-time (accelerated) study shall be as follows;

Masters 12 months PG Diploma 10 months

Notwithstanding Regulations 19.1.5 and 19.1.6, the maximum period of study for part-time (accelerated) study shall be as follows;

Masters 24 months PG Diploma 20 months

## Mode of Study

* + 1. The courses are available by full-time or part-time and flexible online/blended study. Both the LLM and the Postgraduate Diploma attending courses are also available by part-time (accelerated) 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

for the degree of LLM no fewer than 180 credits including a dissertation Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| Full Time Attending  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 |
| Online M9 9XX | The Law of the Construction Industry | 5 | 20 |
| M9 9XX | Law and Practice of Construction Management | 5 | 20 |
| M9 9XX | Dispute Resolution | 5 | 20 |
| Part Time Attending 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 |
| Online M9 9XX | The Law of the Construction Industry | 5 | 20 |
| M9 9XX | Law and Practice of Construction Management | 5 | 20 |
| M9 9XX | Dispute Resolution | 5 | 20 |

Students for the Postgraduate Diploma and degree of LLM only Compulsory Class

Full Time Attending

M9 XXX Legal Research 5 20

Full Time and Part Time Online and Part Time Attending M9 930\* Legal Research

5 20

\* This class may be substituted with M9 9XX with permission of the relevant course leader.

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

Online

M9 9XX 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 |
| Online M99XX | The Context of Construction | 5 | 20 |

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| Attendance  M9939 | Negotiation | 5 | 20 |
| M9810 | Mediation Policy and the Law | 5 | 20 |
| M9938 | Mediation in Practice | 5 | 20 |
| M8902 | Arbitration Law | 5 | 20 |
| Online M9 9XX | Negotiation | 5 | 20 |
| M9 8XX | Mediation Policy and the Law | 5 | 20 |
| M9 9XX | Mediation in Practice | 5 | 20 |
| M8 9XX | 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.

## 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

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.128.244 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.245 Full Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time (Accelerated)

Notwithstanding Regulations 19.1.5 and 19.1.6 (see General Postgraduate Regulations), the minimum period of study for part-time (accelerated) study shall be as follows;

Masters 12 months PG Diploma 10 months

Notwithstanding Regulations 19.1.5 and 19.1.6 (see General Postgraduate Regulations), the maximum period of study for part-time (accelerated) study shall be as follows;

Masters 24 months PG Diploma 20 months

## Mode of Study

19.128.246 The course is available by both part-time and full-time study. Both the LLM, the MSc and the Postgraduate Diploma are also available by part- time (accelerated) study.

## Curriculum

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 |
| Full Time  M9 843 Justice and Penal Decision-Making | 5 | 20 |
| M9 845 Punishment and Processes of Penal Change | 5 | 20 |

Part TimeM9 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  M9 839 | Restorative Justice Surveillance, Technology and Crime Control | 5  5 | 20  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 Full Time

M9 XXX Legal Research 5 20

Part Time

M9 930\* Legal Research 5 20

\* This class may be substituted with M9 9XX with permission of the relevant course leader.

|  |  |  |
| --- | --- | --- |
| 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## 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.

# 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 General Postgraduate Regulations].

## Admission

19.128.121 Regulations 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.122 Full Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time (Accelerated)

Notwithstanding Regulations 19.1.5 and 19.1.6 (see General Postgraduate Regulations), the minimum period of study for part-time (accelerated) study shall be as follows;

Masters 12 months PG Diploma 10 months

Notwithstanding Regulations 19.1.5 and 19.1.6 (see General Postgraduate Regulations), the maximum period of study for part-time (accelerated) study shall be as follows;

Masters 24 months PG Diploma 20 months

## Mode of Study

19.128.123 The courses are available by full-time and part-time study. Both the LLM and the Postgraduate Diploma are available by part-time (accelerated) study.

19.128.124 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations), 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 classes

Level Credits

Full Time

M9 9XX Legal Research 5 20

Part Time

M9 930 Legal Research\* 5 20

\* This may be substituted with M9 9XX with permission of the relevant course leader.

Optional Classes

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.18 and 19.1.19 shall apply (see General Postgraduate Regulations).

## 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

* + 1. **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.
    2. **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.
    3. **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.

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF LAW**

**INTERNATIONAL COMMERCIAL LAW**

**Master of Law in International Commercial Law Postgraduate Diploma in International Commercial Law Postgraduate Certificate in International Commercial Law**

*These regulations are to be read in conjunction with General Postgraduate Regulations*

**Admission**

1. Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

**Duration of Study**

1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

**Mode of Study**

1. This programme is available by full-time and part-time study.

**Curriculum**

1. All students on the attending pathway shall undertake an approved curriculum as follows:
   1. for the Postgraduate Certificate no fewer than 60 credits
   2. for the Postgraduate Diploma no fewer than 120 credits
   3. for the degree of LLM no fewer than 180 credits including a dissertation

**Students for the Postgraduate Certificate Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9920 | Law of the World Trade Organisation | 5 | 20 |
| M8909 | The Law of International Business | 5 | 20 |

**Optional Modules \*\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9922 | Business and Human Rights | 5 | 20 |
| M9920 | Law of the World Trade Organisation | 5 | 20 |
| M9853 | Labour Law in the Global Economy | 5 | 20 |
| M9941 | Intellectual Property Law | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| M9944 | E-Commerce | 5 | 20 |
| M8913 | International Investment Law | 5 | 20 |
| M8908 | The Law of International Business | 5 | 20 |
| M8910 | International Banking Law | 5 | 20 |
| M8912 | Financial Regulation and Compliance | 5 | 20 |
| M9932 | Comparative Company Law | 5 | 20 |
| M9924 | Comparative Law of Obligations | 5 | 20 |
| M8902 | Arbitration Law | 5 | 20 |
| M8915 | Cybercrime and Society | 5 | 20 |
| M9868 | Cybercrime and Society (DL) | 5 | 20 |
| M9923 | Competition Law of the UK and EU | 5 | 20 |
| M9862 | International Migration Law | 5 | 20 |
| M9884 | Financial Crime and Sanctions | 5 | 20 |

\* Students who have previously studied Legal Aspects of International Trade (M9417) may, at the discretion of the Programme Director, substitute M9920 for another 20 credit module within the Optional Modules list.

\*\* For students on the LLM or Postgraduate Diploma, any such other Level 5 modules up to a maximum of 20 credits chosen from other programmes offered by the University as may be approved by the Programme Director offering the module and the Programme Director of the programme on which the student is registered. Students on the PG Cert must choose their remaining 20 credits from the Optional Modules List above.

**Students for the Postgraduate Diploma and degree of LLM only Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9930 | Legal Research | 5 | 20 |

**Students for the degree of LLM only Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |

|  |  |  |  |
| --- | --- | --- | --- |
| M9863 | Dissertation (LLM) | 5 | 60 |
| **Or** | | | |
| M9849 | Field Dissertation (LLM) | 5 | 60 |

**Examination, Progress and Final Assessment**

1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

**Progress of Part-time students**

1. Part time students for the degree of LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

**Award**

1. **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.
2. **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 modules of the programme.
3. **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 modules of the programme.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF LAW**

**INTERNATIONAL COMMERCIAL LAW**

**INTERNATIONAL COMMERCIAL LAW WITH A SPECIALISATION IN FINANCIAL REGULATION**

**LLM in International Commercial Law**

**LLM in International Commercial Law with a specialisation in Financial Regulation**

**Postgraduate Diploma in International Commercial Law Postgraduate Diploma in International Commercial Law with a specialisation in Financial Regulation**

**Postgraduate Certificate in International Commercial Law**

**Course Regulations**

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

## Admission

19.128.406 Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.407 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

19.128.408 This course is 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

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| All Students |  | | |
| M8 908 | The Law of International Business | 5 | 20 |
| M9 920\* | Law of the World Trade Organisation | 5 | 20 |

For a specialisation in Financial Regulation

|  |  |  |  |
| --- | --- | --- | --- |
| M8 912 | Financial Regulation and Compliance | 5 | 20 |
| M9 884 | Financial Crime and Sanctions | 5 | 20 |

Optional Classes \*\* International Commercial Law

60 credits selected from the list below.

For the specialisation in Financial Regulation 20 credits selected from the list below.

|  |  |  |  |
| --- | --- | --- | --- |
| M8 902 | Arbitration Law | 5 | 20 |
| M8 910 | International Banking Law | 5 | 20 |
| M8 912 | Financial Regulation and Compliance | 5 | 20 |
| M8 913 | International Investment Law | 5 | 20 |
| M8 915 | Cybercrime and Society | 5 | 20 |
| M9 853 | Labour Law in the Global Economy | 5 | 20 |
| M9 862 | International Migration Law | 5 | 20 |
| M9 868 | Cybercrime and Society (DL) | 5 | 20 |
| M9 884 | Financial Crime and Sanctions | 5 | 20 |
| M9 922 | Business and Human Rights | 5 | 20 |
| M9 923 | Competition Law of the UK and EU | 5 | 20 |
| M9 924 | Comparative Law of Obligations | 5 | 20 |
| M9 932 | Comparative Company Law | 5 | 20 |
| M9 941 | Intellectual Property Law | 5 | 20 |
| M9 944 | E-Commerce | 5 | 20 |

\* Students who have previously studied the level 4 class Legal Aspects of International Trade (M9 417) may, at the discretion of the Course Leader, substitute M9 920 for another 20 credit class within the Optional Classes listed above.

\*\* 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 relevant Course Leaders.

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 (see General Postgraduate Regulations).

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 M9 863 or M9 849 as appropriate.

19.128.413 **Degree of LLM:** In order to qualify for the award of LLM in International Commercial Law with a specialisation in Financial Regulation, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation M9 863 or M9 849 as appropriate.

19.**128.414 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.

19.128.415 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Commercial Law with a specialisation in Financial Regulation, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.**128.416 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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. **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

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

19.128.446 Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.447 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

19.128.448 This course is 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 (see General Postgraduate Regulations).

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 PG Cert/PG Dip/LLM in Law may transfer onto one of the specialised LLM degrees listed at

19.128 to 19.128.250.

# 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 General Postgraduate Regulations].

## Admission

19.128.487 Regulations 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.488 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admission

19.128.528 Regulation 19.1.1 - 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.529 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

19.128.530 This course is 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 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  L2 905 | Perspectives on social research  Quantitative Methods: Survey Methods | 5 | 5 | 20 | 20 |
| L2 909 | Qualitative Methods | 5 |  | 20 |  |
| M8 918 | Engaging with materials used in legal research | 5 |  | 20 |  |
| 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 (see General Postgraduate Regulations).

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

# 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 General Postgraduate Regulations]

## Admission

19.128.162 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.128.163 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Full Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Part Time (Accelerated)

Notwithstanding Regulations 19.1.5 and 19.1.6, the minimum period of study for part-time (accelerated) study shall be as follows;

Masters 12 months PG Diploma 10 months

Notwithstanding Regulations 19.1.5 and 19.1.6, the maximum period of study for part-time (accelerated) study shall be as follows;

Masters 24 months PG Diploma 20 months

## Mode of Study

19.128.164 The course is available by both full time and part-time study. Both the LLM, the MSc and the Postgraduate Diploma are also available by part- time (accelerated) study.

## Curriculum

19.128.165 All students shall undertake an approved curriculum as follows

Compulsory Classes Level

Credits

|  |  |  |  |
| --- | --- | --- | --- |
| Full Time  M9 937 | Theory and Principles of Conflict Resolution | 5 | 20 |
| M9 938 | Mediation in Practice | 5 | 20 |
| Part Time M9 937 | Theory and Principles of Conflict Resolution | 5 | 20 |
| M9 938 | Mediation in Practice | 5 | 20 |

Optional Classes

40 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 |

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 degrees of LLM and MSc in addition will undertake

Compulsory Class Level Credits

|  |  |  |
| --- | --- | --- |
| Full Time |  | |
| M9 9XX | Legal Research | 5 20 |
| Part Time |  |  |
| M9 930\* | Legal Research | 5 20 |

\* This class may be substituted with M9 9XX with permission of the relevant course leader.

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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants for the LLM shall possess
2. a Postgraduate Diploma in Professional Legal Practice, or
3. a qualification deemed by the Course Director acting on behalf of Senate to be the equivalent to (i) above.
4. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

## Duration of Study

1. Notwithstanding Regulations 19.1.5 and 19.1.6 (see General Postgraduate Regulations) 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

1. The LLM course is available by distance learning only.

## Curriculum

1. 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

Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

Progress to the Dissertation on the LLM is dependent on a student successfully completing the class M9847 Legal Research.

Notwithstanding Regulation, 19.1.29 (see General Postgraduate Regulations), 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 re attend the class.

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

## Award

1. Degree of LLM: In order to qualify for the award of LLM in Professional Legal Practice, a candidate must have accumulated no fewer than 180 credits of which 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.

to 19.128.324 (Numbers not used)

## Postgraduate Diploma in Professional Legal Practice

19.128.202 **Course Regulations**

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

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 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations), 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 |
| M9 889 | General Practice – Problem Based Learning | 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 (see General Postgraduate Regulations), 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 re attend 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.

# 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 General Postgraduate Regulations].

## Admission

Notwithstanding Regulation 19.1.1 & 19.1.2 (see General Postgraduate Regulations), candidates shall possess

1. a first or upper second class Honours degree in Psychology of 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.

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

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time or part-time study only.

## Curriculum

* + 1. 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 |
| XX XXX | Professional Practice Class | 5 | 20 |

For the Degree of MSc only

C8 957 Dissertation 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.52 to 19.31.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in all elements of the coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

19.132.247 **Admission**

Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## Place of Study

19.132.249 As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

## 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

19.132.251 All 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 (see General Postgraduate Regulations).

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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH**

**COUNSELLING AND PSYCHOTHERAPY**

**MSc in Counselling and Psychotherapy**

**Postgraduate Diploma in Counselling and Psychotherapy Postgraduate Certificate in Counselling and Psychotherapy**

**Course Regulations**

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

19.132.206 **Admission**

Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## Place of Study

19.132.208 As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

## Mode of Study

19.132.209 The course in Counselling and Psychotherapy is available by full-time study only.

## Curriculum

19.132.210 All students shall undertake an approved curriculum as follows Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| B9 902 | Counselling Practicum | 5 | 20 |
| B9 903 | The Therapeutic Relationship | 5 | 20 |
| B9 904 | Therapeutic Process | 5 | 20 |
| B9 906 | Counselling Case Formulation | 5 | 20 |
| B9 907 | Personality Theory | 5 | 20 |
| B9 908 | Personal and Professional Development | 5 | 20 |

Students for the degree of MSc only

B9 901 Counselling Research Dissertation 5 60

## Examination, Progress and Final Assessment

19.132.211 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

19.132.212 The final assessment will be based on performance in 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess
       1. a first or upper second class Honours degree in Psychology of a United Kingdom university; or
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only and is offered over six consecutive school terms.

## Curriculum

* + 1. Notwithstanding Regulation 19.1.12 (see General Postgraduate Regulations), 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 | 515 |  |

## Examination, Progress and Final Assessment

* + 1. Students are required to perform to the satisfaction of the Board of Examiners in the course work and in the Professional Practice.
    2. 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.
    3. Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
    4. The final assessment will be based on performance in all elements of the coursework and the Professional Practice.

## Award

* + 1. **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.

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.132.288 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations),

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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

19.132.167 **Admission**

Regulations 19.1.1 to 19.1.4 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.132.168 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see **General Postgraduate Regulations**).

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.

# 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**

**Course Regulations**

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

19.132.125 **Admission**

Notwithstanding Regulation 19.1.1 & 19.1.2 (see General Postgraduate Regulations), 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
4. 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 (see General Postgraduate Regulations).

## 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

September Intake

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 |

Compulsory 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 |

January Intake

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| C8 982 | Research Design and Analyses in Psychology | 5 | 20 |
| C8 924 | Psychobiology and Cognitive Psychology | 5 | 20 |
| C8 923 | Social and Developmental Psychology | 5 | 20 |
| C8 925 | Conceptual and Historical Issues in Psychology |  |  |
|  | and Individual Differences | 5 | 20 |

Compulsory For Specialisation in Business

|  |  |  |  |
| --- | --- | --- | --- |
| HR 966 | Organisational Psychology | 5 | 10 |
| HR 971 | Leadership in Organisations | 5 | 10 |
| HR 969 | Psychometrics in Organisations | 5 | 10 |
| HR 970 | Foundations of Risk | 5 | 10 |

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 no fewer than 40 credits in each year.

## Examination, Progress and Final Assessment

19.132.131 Regulations 19.1.25 to 19.1.33 shall apply (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1 & 19.1.2 (see General Postgraduate Regulations), applicants shall possess

(i) a first or upper second class Honours degree in Psychology of a United Kingdom university; or

(i) 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.
    2. 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

* + 1. Regulations 19.1.52 to 19.31.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

## Award

* + 1. **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.
    2. **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.
    3. **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.
    4. **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.

# 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 General Postgraduate Regulations]

## Admission

19.133.326 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

19.133.328 **Place of Study**

As permitted by regulation 19.1.8 (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations), 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 Care the candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of either the dissertation 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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SOCIAL WORK AND SOCIAL POLICY CHILD AND YOUTH CARE STUDIES**

**MSc in Child and Youth Care Studies**

**Postgraduate Diploma in Child and Youth Care Studies Postgraduate Certificate in Child and Youth Care Studies**

**Course Regulations**

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

## Admission

19.133.162 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

## 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 Life space | 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 (see General Postgraduate Regulations).

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 Studies by 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 Studies by Distance Learning, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

# 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 (General Postgraduate Regulations), applicants shall normally:

1. possess a first or second class honours degree in any discipline from a United Kingdom University; or
2. possess other qualifications 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.

## 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

19.133.248 Notwithstanding regulations 19.1.3 (see General Postgraduate Regulations), 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.

# 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 General Postgraduate Regulations]

## Admission

19.122.284 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

19.122.286 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

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  L5 955 | Systemic Supervision  Personal and Professional Development in Family therapy and Systemic practice | 5  5 | 10  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 (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations),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.

# 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 General Postgraduate Regulations]

## 19.133.410 Admission

Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations), 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  L5 975 | Welfare, Concepts and Ideas Approaches to Welfare: Past,  Present and Future | 5  5 | 20  20 |
| L5992 | 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 991 International Social Welfare Project\* 5 | | | 20 |
| L5 993 International Social Welfare Project\* 5 | | | 20 |
| L5 983 Evaluation and Policy Research 5 | | | 20 |
| L5984 The Context of Social Work 5  L5 985 The Use of Evidence in Social  Work Research 5 | | | 20  20 |
| M8 926 Contemporary Issues in Criminology 5 M8 925 The Contexts of Criminal Justice  Research 5 | | | 20  20 |
| M9 439 Global Health, Rights and  Developments 5 | | | 20 |
| L2 962 Contemporary International Relations 5 | | | 20 |
| EC954 Economic Appraisal and Modelling 5 | | | 20 |
| EC922 Principles of Economic Appraisal 5 | | | 10 |
| EC947 Topics in Public Economics 5 | | | 10 |

\* only one of these classes to be taken 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 (see General Postgraduate Regulations).

**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

**19.133.417 Degree of MSc:** In order to qualify for the degree of MSc in International Social Welfare, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.

**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.

# 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 General Postgraduate Regulations]

*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

* + 1. Regulation 19.1.1 shall apply (see General Postgraduate Regulations). 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

Notwithstanding the provisions of Regulation 19.1.5 (see General Postgraduate Regulations), 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

* + 1. 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 (see General Postgraduate Regulations)

* + 1. 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

* + 1. 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

* + 1. Regulations 19.1.18 – 19.1.19 shall apply (see General Postgraduate Regulations).

## Progress

* + 1. 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.
    2. The final assessment will be based on performance in the assessments, and coursework.

## Award

* + 1. **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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION COURSES**

## Postgraduate Certificate in Securing Children’s Futures

* + 1. **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 at post graduate level**.**

## Duration of Study

The normal duration of study is nine months.

## 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.

## 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

## 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 |

## 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’

## Award

The final award is a Postgraduate Certificate for which the candidate must have accumulated 60 credits from the four assessed modules.

# 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 General Postgraduate Regulations).

## Admission

Regulation 19.1.1 shall apply (see General Postgraduate Regulations).

## Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 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

## Examination, Progress and Final Assessment

Regulations 19.1.29 and 19.1.30 shall apply (see General Postgraduate Regulations).

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

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

19.133.123 **Admission**

Regulation 19.1.1 shall apply (see General Postgraduate Regulations).

19.133.124 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

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 Diploma no 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

|  |  |  |  |
| --- | --- | --- | --- |
| L5990 | 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

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

* + 1. Regulation 19.1.1 shall apply (see General Postgraduate Regulations). In addition, all successful applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. 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

* + 1. The courses include study at the University of Strathclyde and placement out with the University campus.

## 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

|  |  |  |  |
| --- | --- | --- | --- |
| for the degree of Master no fewer dissertation | than | 180 | credits including a |
| Compulsory Classes  L5 936 Theory and Practice 1 |  |  | Level Credits  5 15 |

|  |  |  |  |
| --- | --- | --- | --- |
| L5 937  L5 953 | Practice 1  Understanding Society in a Social, Policy and Legislative Context | 5  5 | 15  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

L5944 Dissertation 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.29 and 19.1.30 shall apply (see General Postgraduate Regulations).
    2. 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.
    3. 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.
    4. The final assessment will be based on performance in the assessments, coursework, and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 (see General Postgraduate Regulations), applicants shall normally:

1. possess a first or second class honours degree in any discipline from a United Kingdom University; or
2. possess other qualifications 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.

## 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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.133.368 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

19.133.370 **Place of Study**

As permitted by Regulation 19.1.8 (see General Postgraduate Regulations).

19.133.371 **Mode of Study**

The courses are available by part-time study only.

## Curriculum

19.133.372 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 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 (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations), 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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess
       1. a first or second class Honours degree in Social Science 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.

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

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
    3. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulations 19.1.1 of the General Postgraduate Regulations applicants shall possess:
       1. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics,

Mathematics, Statistics or Computing); or

* + - 1. 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

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

* + 1. The courses are available by full-time or part-time study or by open- learning.

## Curriculum

* + 1. 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 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 |
| AG 937 | Fixed Income Analysis | 5 | 10 |
| AG 938 | Equity Analysis | 5 | 10 |

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

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**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 the General Postgraduate Regulations.]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 of the General Postgraduate Regulations, shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

* + 1. The course is available by full-time study.

## Curriculum

* + 1. 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 916 | Behavioural Finance | 5 |  | 10 |
| AG 929 | Derivatives | 5 |  | 10 |
| AG 937 | Fixed Income Analysis |  | 5 | 10 |
| AG 938 | Equity Analysis |  | 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 the General Postgraduate Regulations.]

19.81.139 **Admission**

Regulations 19.1.1 and 19.1.2 of the General Postgraduate Regulations shall apply.

19.81.140 **Duration of Study**

Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations 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 |
| AG919 | Risk Management for Banks | 5 | 10 |
| AG922 | Financial 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 |
| AG 937 | Fixed Income Analysis | 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 of the General Postgraduate Regulations 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.

**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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 of the General Postgraduate Regulations applicants shall possess

1. 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

1. 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

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

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

## Curriculum

* + 1. 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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |
| AG 937 | Fixed Income Analysis | 5 | 10 |
| AG 938 | Equity Analysis | 5 | 10 |

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

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulations 19.1.1 of the General Postgraduate Regulations, applicants shall possess

1. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Economics,

Mathematics, Statistics or Computing); or

1. 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

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

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

## Curriculum

* + 1. 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 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 |
| AG 937 | Fixed Income Analysis | 5 | 10 |
| AG 938 | Equity Analysis | 5 | 10 |

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

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulations 19.1.1 of the General Postgraduate Regulations applicants shall possess

1. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Economics,

Mathematics, Statistics or Computing); or

1. 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

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

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

## Curriculum

* + 1. 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 924 | Portfolio Theory & Management | 5 | 10 |
| AG 925 | Derivatives & Treasury Management | 5 | 20 |
| AG 938 | Equity Analysis | 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

|  |  |  |  |
| --- | --- | --- | --- |
| AG 923 | Empirical Methods in Finance | 5 | 10 |
| AG 916 | Behavioural Finance | 5 | 10 |
| MS 988 | Financial Modelling for Excel | 5 | 10 |
| AG 937 | Fixed Income Analysis | 5 | 10 |

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

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF ECONOMICS APPLIED ECONOMICS**

**MSc in Applied Economics**

**Postgraduate Diploma in Applied Economics Postgraduate Certificate in Applied Economics**

**Course Regulations**

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

## Admission

* + 1. Notwithstanding Regulation 19.1.1 applicants shall possess

1. a first or second class Honours degree of a United Kingdom university, in which Economics constitutes a significant component; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above: or
3. demonstrated competence in Economics obtained at a level of performance acceptable to the Course Director.

(ii)

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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## Curriculum

* + 1. 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 a dissertation. 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 |

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. 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.
    3. The final assessment will be based on performance in the examinations, the coursework and the Dissertation where undertaken.

## Award

* + 1. **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 Project EC930 Summer Project.
    2. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Applied Economics, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
    3. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Economics, a candidate must have accumulated no fewer than 60 credits from the taught compulsory classes of the course.

# 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 General Postgraduate Regulations].

## Admission

19.82.102 Notwithstanding Regulations 19.1.1, applicants shall possess

1. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics,

Mathematics, Statistics or Computing); or

1. 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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 of the General Postgraduate Regulations applicants shall possess

1. a first or second class Honours degree of a United Kingdom university, in which relevant disciplines constitute a significant component; or
2. a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above: or
3. 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

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations 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 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 |
| EC 947 | Topics in Public Economics | 5 | 10 |
| EC 949 | International Macroeconomics | 5 | 10 |
| 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. 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.

* + 1. The final assessment will be based on performance in the examinations, the coursework and the project report where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# STRATHCLYDE BUSINESS SCHOOL

**BUSINESS ADMINISTRATION**

## Master of Business Administration

**Master of Business Administration (Executive) *(part-time only)***

## Master of Business Administration with Specialisation

**Course Regulations**

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

## Admission

* + 1. Notwithstanding Regulations 19.1.1 candidates shall normally:
       1. possess a degree from a United Kingdom University; or
       2. 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
       3. 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 below.

* + 1. Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

## Duration of Study

* + 1. 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.

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 overall duration of study will normally be greater than for full-time study work:

*For part-time study*

Masters by part-time study 24 months

PG Diploma by part-time study 18 months

PG Certificate by part-time study 12 months

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.

*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

## 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

## Full-time

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 844 | Analytical Support for Decision Making | 5 | 10 |
| MS 982 | Information and Technology Management | 5 | 10 |
| MG 982 | The Reflective Practitioner | 5 | 20 |
| MG 923 | Strategic Consulting in Practice | 5 | 10 |
| GB 879 | Strategic Management for Sustainable Access | 5 | 20 |
| MG 924 | MBA Project | 5 | 40 |

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

## Part-time

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| Year 1 |  | | |
| 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 844 | Analytical Support for Decision Making | 5 | 10 |
| MS 982 | Information and Technology Management | 5 | 10 |
| MG 982 | The Reflective Practitioner | 5 | 20 |
| Year 2 |  |  |  |
| MG 923 | Strategic Consulting in Practice | 5 | 10 |
| GB 879 | Strategic Management for Sustainable Access | 5 | 20 |
| MG 924 | MBA Project | 5 | 40 |

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 |
| HR 939 | Across Border Perspectives  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  MG 828 | Agile Management  The CEO - Challenges and Choices in Delivering Value | 5  5 | 10  10 |
| Z1 939  MS 978 | Social Entrepreneurship  Organisational Cognition: SmArt Decisions For the Knowledge Era | 5  5 | 10  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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.

For part-time study, to proceed to second year, a 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 |

* + 1. The final assessment will be based on performance in all elements of the course.
    2. **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.

* + 1. **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.
    2. **Degree of MBA**: In order to qualify for the award of the degree of Master of Business Administration (Executive), a candidate must have performed

to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 40 must have been awarded in respect of the MBA project MG 924.

19. 92.13 **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.

* + 1. **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.
    2. **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. 92.16 **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.

* + 1. **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

* + 1. 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.
    2. 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.
    3. 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.

# STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF STRATEGY AND ORGANISATION**

## Postgraduate Diploma in Business Course Regulations

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

## Admission

* + 1. Notwithstanding Regulations 19.1.1 candidates shall normally possess:
       1. a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or
       2. 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

(i) 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

* + 1. 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

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

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in all elements of the course.

## Award

* + 1. 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

* + 1. 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.

# STRATHCLYDE BUSINESS SCHOOL

**DEPARTMENT OF STRATEGY AND ORGANISATION**

## Postgraduate Certificate in Management Course Regulations

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

## Admission

* + 1. Notwithstanding Regulations 19.1.1 candidates shall normally possess:

1. a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or
2. 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
3. five years management experience and a satisfactory performance in an appropriate admissions test; or
4. 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.

* + 1. Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.

## Duration of Study

* + 1. 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

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

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in all elements of the course.

## Award

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 shall apply.

## Duration of Study

* + 1. Regulations 19.1.4 and 19.1.5 shall apply.

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Business and Management, a candidate must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the dissertation MG 970.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the coursework, in the written examinations and the Dissertation.

## Award

* + 1. **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.
    2. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 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

### 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 |

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, and coursework.

## Award

* + 1. **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.
    2. **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.

# 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 General Postgraduate Regulations]

## Admission

Regulations 19.1.1 shall apply.

## Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

## Mode of Study

The course is available by full-time study only.

## Curriculum

* + 1. 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.

* + 1. Students for the degree of MSc only Compulsory Classes

Z1947 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, course work and the VIP where undertaken.

## Award

* + 1. **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 180 credits, of which 60 must have been awarded in respect of *Z1947 Virtual Incubator Project.*
    2. **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.
    3. **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.

# 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 the General Postgraduate Regulations.]

## Admission

Regulations 19.1.1 of the General Postgraduate Regulations shall apply.

## Duration of Study

Regulations 19.1.4 and 19.1.5 of the General Postgraduate Regulations shall apply.

## Mode of Study

The course is available by full-time study only.

## 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 project or 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 |
| Z1960 | Mindset Lab | 5 | 10 |

MS981 Data Lab 5 10

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

Students for the degree of MSc only 60 Credits from either

|  |  |  |  |
| --- | --- | --- | --- |
| Z1947  OR | Virtual Incubator Project | 5 | 60 |
| Z1XX | Dissertation | 5 | 60 |

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.

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

## Award

* + 1. **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 180 credits, of which 60 must have been awarded in respect of *Z1947 Virtual Incubator Project or Z1XX Dissertation.*
    2. **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.
    3. **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

**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**

* + 1. **Course Regulations**

[These regulations are to be read in conjunction with the General Postgraduate Regulations.]

## Admission

Regulations 19.1.1 of the General Postgraduate Regulations shall apply.

## Duration of Study

Regulations 19.1.4 and 19.1.5 of the General Postgraduate Regulations shall apply.

## Mode of Study

The course is available by full-time study only.

## 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 project

Compulsory Classes Level Credits Z1 952 Creativity and Opportunity Recognition 5 10

|  |  |  |  |
| --- | --- | --- | --- |
| Z1 951 | Issues and Trends | 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 |
| Z1960 | Mindset Lab | 5 | 10 |
| Z1957 | Entrepreneurial Management |  |  |
|  | and Leadership | 5 | 10 |
| Z1XX | Social Entrepreneurship | 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 of the General Postgraduate Regulations shall apply.

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

Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Entrepreneurship, Innovation and Technology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Virtual Incubator Project Z1947.
    2. **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.
    3. **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 course.

# STRATHCLYDE BUSINESS SCHOOL

**HUNTER CENTRE FOR ENTREPRENEURSHIP 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 the General Postgraduate Regulations]

## Admission

19.92.41 Regulations 19.1.1 of the General Postgraduate Regulations, shall

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

## Duration of Study

Regulations 19.1.4 and 19.1.5 of the General Postgraduate Regulations shall apply.

## Mode of Study

The course is available by full-time study.

## 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 including all the compulsory classes and a dissertation or project

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| Z1 9xx | Professional Management Practice | 5 | 20 |
| Z1 9xx | Consulting in Practice | 5 | 10 |
| Z1 9xx | Leadership for Change and Innovation | 5 | 10 |
| Z1 9xx | Managing Innovation | 5 | 10 |
| Z1 9xx | Business Operations | 5 | 10 |
| Z1 9xx | Managerial Accounting | 5 | 10 |
| Z1 9xx | Business Strategy | 5 | 10 |
| Z1 9xx | Commercial Management in Projects | 5 | 10 |
| Z1 9xx | Project Portfolio Management | 5 | 10 |
| Z1 9xx | Project and Programme Management | 5 | 10 |
| Z1 9xx | 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.

Z1 9xx Dissertation 5 40

## Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.

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

## Award

**Degree of MSc**: In order to qualify for the award of the degree of 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.

**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.

**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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 19.1.1 shall apply.

## Duration of Study

* + 1. 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

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

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 the General Postgraduate Regulations].

19.93.130 **Admission**

Regulations 19.1.1 and 19.1.2 of the General Postgraduate Regulations shall apply.

19.93.131 **Duration of Study**

Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

19.93.132 **Mode of Study**

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

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 undertaking the Postgraduate Certificate by distance will take the following compulsory classes:

|  |  |  |  |
| --- | --- | --- | --- |
| CS 818 | Big Data Fundamentals | 5 | 10 |
| CS 817 | Big Data Tools and Techniques | 5 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| MM 952 | Data Analytics in R | 5 | 20 |
| MS 817 | Business and Decision Modelling | 5 | 10 |
| MS 818 | 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 of the General Postgraduate Regulations 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.

# 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 the General Postgraduate Regulations].

*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 of the General Postgraduate Regulations 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

|  |  |  |  |
| --- | --- | --- | --- |
| MK 818 | Marketing Management | 5 | 10 |
| HR 978 | Managing People in Organisations | 5 | 10 |
| Z1 962 | 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 of the General Postgraduate Regulations 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 MANAGEMENT SCIENCE HEALTH ANALYSIS, POLICY & MANAGEMENT**

**MSc in Health Analysis, Policy & Management**

**Postgraduate Diploma Health Analysis, Policy & Management Postgraduate Certificate in Health Analysis, Policy & Management**

**Course Regulations**

[These regulations are to be read in conjunction with the General Postgraduate Regulations.]

## Admission

19.93.200 Regulation 19.1.1 of the General Postgraduate Regulations shall apply.

## Duration of Study

19.93.201 Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations shall apply.

## Mode of Study

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

## Curriculum

19.93.203 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 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 924 | Spreadsheet Modelling and Demand Forecasting | 5 | 10 |
| MS 9XX | Managing Healthcare Operations | 5 | 10 |
| MS 999 | Health Economics & Evaluation | 5 | 10 |
| MS 9XX | Health systems Performance, | 5 | 20 |
|  | Financing and Innovation |  |  |
| MS 9XX | Becoming an Effective Health Analyst | 5 | 20 |

Optional Classes

No fewer than 30 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 |
| MS 986 | Stochastic Modelling for Analytics | 5 | 10 |
| CS XXX | Clinical Decision Support | 5 | 10 |
| CS XXX | Health and Care Analytics | 5 | 10 |
| CS 990 | Database Fundamentals | 5 | 10 |
| MM 909 | Medical Statistics | 5 | 20 |
| MM 911 | Effective Statistical Consulting | 5 | 10 |

Students for the degree of MSc only

MS 9xx Dissertation in Health Analysis, Policy and 5 60 Management

## Examination, Progress and Final Assessment

19.93.204 Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.

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

## Award

19.93.206 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Health Analysis, Policy & Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded for the dissertation MS 931.

19.93.207 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Health Analysis, Policy & Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.93.208 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Health Analysis, Policy & Management a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

# 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 the General Postgraduate Regulations.]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 of the General Postgraduate Regulations shall apply.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 of the General Postgraduate Regulations 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

* + 1. The course is available by distance learning only.

## 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

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 928 | Business Information Systems | 5 | 10 |
| MS 934 | Advanced Operations Research Modeling |  |  |
|  | using Specialist Software Tools | 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

* + 1. Regulations 19.1.25 – 19.1.33 of the General Postgraduate Regulations shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

**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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 shall apply.

## Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply.

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Project Management (International), a candidate must have accumulated no fewer than 240 credits, of which 80 must have been awarded at Strathclyde.

**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 General Postgraduate Regulations]

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 180 credits, 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess:

1. a first or upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## 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

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

* + 1. 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).

* + 1. 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.
    2. The final assessment will be based on performance in the coursework, in the written examinations and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess
       1. a first or Upper second class Honours degree in any discipline from a United Kingdom university; or
       2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## 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

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

* + 1. 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).

* + 1. 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.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 40 must have been awarded for the dissertation MK967 and 10 for Dissertation Skills MK 969.
    2. **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.

# 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 General Postgraduate Regulations)

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess

1. a first or Upper second class Honours degree in any discipline from a United Kingdom university; or
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

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

## 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

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

* + 1. 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

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulations 19.1.1 candidates shall normally possess:

1. a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or
2. 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
3. five years management experience and a satisfactory performance in an appropriate admissions test; or
4. 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

* + 1. 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

* + 1. 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

* + 1. The courses are available by 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 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

* + 1. Students are required to perform to the satisfaction of the Board of Examiners.
    2. 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.
    3. The final assessment will be based on performance in all elements of the course.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 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

* + 1. Regulations 19.1.5 and 19.1.6 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.

## Award

* + 1. **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.
    2. **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.
    3. 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.

# 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 General Postgraduate Regulations].

## 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 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 General Postgraduate Regulations].

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall normally:

1. possess a first or second class honours degree in any discipline from a United Kingdom University; or
2. possess other qualifications 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
   1. above.

## Mode of Study

* + 1. The courses are available by full-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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 Postgraduate Certificate in Computer Science with Big Data**

**Course Regulations**

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

## Admission

* + 1. Regulation 19.1.1 (see General Postgraduate Regulations) shall apply subject to the following requirements. Applicants shall possess

1. a first or second class Honours degree from a United Kingdom university (in Computer Science or a closely related subject); or
2. 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

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the project, where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.13.190 Regulation 19.1.1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess

1. a first or second class Honours degree in Computer Science or closely related discipline 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.

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

19.13.191 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.13.230 Regulation 19.1.1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess

1. a first or second class Honours degree 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.

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

19.13.231 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

19.13.131 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19.13.132 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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

CS958 Project 5 60

## Examination, Progress and Final Assessment

19.13.135 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## 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

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

CS958 Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations) 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 PG Dip 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

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

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, the industrial placement and the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.
    4. **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.
    5. **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.

# 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 General Postgraduate Regulations]

## Admission

19.13.171 Regulation 19.1.1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess

1. a first or second class Honours degree 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.

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

19.13.172 Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 the General Postgraduate Regulations]

## 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 924 | Portfolio Theory and Management | 5 | 10 |
| AG 919 | Risk Management in Banks | 5 | 10 |
| AG 937 | Fixed Income Analysis | 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

1. 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 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 1 9 . 1 . 1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess
       1. 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
       2. 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

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

## 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.

2

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |
| 0  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)

* + 1. 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the Project where undertaken.

## Award

* + 1. **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.

* + 1. **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.
    2. **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 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

* + 1. The courses are available by full-time or 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

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

### \* MM 944 MSc in Applied Statistics comprises 120 credits of classes chosen from the list below

Compulsory Classes Level

|  |  |  |  |
| --- | --- | --- | --- |
| MM 550 | MSc Project | 5 | 60 |
| MM914 | Foundations of Probability and Statistics | 5 | 20 |
| MM916 | Data Analytics in R | 5 | 20 |
| MM953 | Experimental Design | 5 | 10 |
| MM954 | Multivariate Analysis | 5 | 10 |

Optional Classes

No fewer than 60 credits

MM 909 Medical Statistics 5 20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MM 911 | Effective Statistical Consultancy |  | 5 | 10 |
| MM 912 | Survey Design and 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 Analytics | 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 550 MSc Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

* + 1. The courses are available by full-time or 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

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

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| MM 914 | Foundations of Probability and Statistics | 5 | 20 |
| MM 916 | Data Analytics in R | 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 |
| MM953 | Experimental Design | 5 | 10 |
| MM954 | Multivariate Analysis | 5 | 10 |

or other classes as approved by the Course Director Students for the degree of MSc only

MM 550 MSc Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

## Mode of Study

* + 1. The courses are available by full-time or 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

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 924 | Portfolio Theory and Management | 5 | 10 |
| AG 925 | Derivatives and Treasury Management | 5 | 20 |
| AG 937 | Fixed Income Analysis | 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the dissertation or research projects where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# FACULTY OF SCIENCE

**DEPARTMENT OF PHYSICS**

**ADVANCED PHYSICS**

**MSc in Advanced Physics**

**Postgraduate Diploma in Advanced Physics Postgraduate Certificate in Advanced Physics**

**Admission**

* + 1. Regulation 19.1.1 (see General Postgraduate Regulations) shall apply subject to the following requirements. Applicants shall possess

1. 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
2. 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

* + 1. The course is available by full-time and 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 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

* + 1. Regulations 19.1.19 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the project.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 (see General Postgraduate Regulations) shall apply subject to the following requirements. Applicants shall possess

1. 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
2. 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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess either

1. 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
2. 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

* + 1. Some individual research projects may require off-campus work.

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the project.

## Award

* + 1. **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.
    2. **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.
    3. **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**

**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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess either

1. 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
2. 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

* + 1. Some individual research projects may require off-campus work.

## 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

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  either | Advanced Nanoscience 3 | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| 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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, and the project.

## Award

* + 1. **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.
    2. **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.
    3. **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 the General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1, applicants shall possess either

1. 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
2. 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

* + 1. Some individual research projects may require off-campus work.

## 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

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, in particular from Regulations 12424.UG.10, to bring the total number of Level 5 classes to at least 150.

Students for the degree of MSc only

PH 952 Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the project.

## Award

* + 1. **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.
    2. **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.
    3. **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**

**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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall possess either

1. 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
2. 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

* + 1. Some individual research projects may require off-campus work.

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework and the project.

## Award

* + 1. **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.
    2. **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.
    3. **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 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall
       1. 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
       2. possess a qualification deemed by the Course Director acting on behalf of Senate to be 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 addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply (see General Postgraduate Regulations).

## Mode of study

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

## Place of Study

* + 1. In accordance with Regulation 19.1.8 (see General Postgraduate Regulations), some off-campus work may be required.

## 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

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

99 900 Dissertation 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations and coursework together with the dissertation where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. 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).
    2. Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), applicants shall normally
       1. 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
       2. possess a qualification deemed by the Course Director acting on behalf of Senate to be 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 competence in the English language.

## Duration of Study

Regulations 19.1.4 and 19.1.5 shall apply (see General Postgraduate Regulations).

## Mode of Study

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

## Place of Study

* + 1. 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

* + 1. 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

* + 1. Regulations 19.1.19 – 19.1.20 shall apply (see General Postgraduate Regulations).
    2. Candidates must successfully complete each Postgraduate Certificate examination before admission to the next chosen course.
    3. The final assessment will be based upon performance in the examinations, coursework and project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

19.12.110 **Admission**

Notwithstanding Regulation 19.1.1 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

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 (see General Postgraduate Regulations).

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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 19.1.1 ( see General Postgraduate Regulations) 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 (see General Postgraduate Regulations).

## 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

for 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 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 (see General Postgraduate Regulations).

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

## Award

* + 1. **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.

* + 1. **Degree of MSc in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing:** In order to qualify for the award of the degree of MSc in Advanced Clinical Pharmacy Practice with Practice Certificate in Independent Prescribing, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of MP 807 Research Project and

30 must have been awarded in respect of MP808 Pharmacist Independent Prescribing.

* + 1. **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.
    2. **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**

**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 the General Postgraduate Regulations]

## 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 812 | Chemical Analysis: Principals, Application & Methods | |  |
|  | 5 | | 20 |
| BM 947 | Advanced Topics in Drug Delivery 2 5 | | 20 |
| MP 810 | Novel therapeutics and biopharmaceuticals 5 | | 20 |
| MP 817 Pharmaceutical Project Management and Digital Design | | | |
|  | | 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.

# 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 the General Postgraduate Regulations]

## 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 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 816 Drug Substance Manufacture: Industrial Crystallisation

|  |  |  |  |
| --- | --- | --- | --- |
|  | | 5 | 20 |
| MP 815 | Drug Product Manufacture | 5 | 20 |
| CH 913 | Process Ananlytical Technology (PAT) | 5 | 20 |
|  | and Quality by Design in Continuous |  |  |
|  | Pharmaceutical Maunfacturing |  |  |
| MP 813 | Principals of Pharmaceutics | 5 | 20 |

MP 817 Pharmaceutical Project Management & Digital Design

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.

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

MSc Neuroscience and Mental Health

**Postgraduate Diploma in Biomedical Sciences  
Postgraduate Certificate in Biomedical Sciences**

**Postgraduate Diploma in** Advanced Immunology **Postgraduate Certificate in** Advanced Immunology

**Postgraduate Diploma in** Advanced Pharmacology **Postgraduate Certificate in** Advanced Pharmacology

**Postgraduate Diploma in** Advanced Biochemistry **Postgraduate Certificate in** Advanced Biochemistry

**Postgraduate Diploma in** Molecular Microbiology **Postgraduate Certificate in** Molecular Microbiology

**Postgraduate Diploma in** Neuroscience and Mental Health

**Postgraduate Certificate in** Neuroscience and Mental Health

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 959 Advanced Techniques in Biomedical Research 2 5 10

BM 937 Advanced Topics in Biomedical Research 5 20

Students taking the MScs in Biomedical Science, Advanced Immunology, Advanced Pharmacology, Advanced Biochemistry and Molecular Microbiology will also take:

MP 942 Advanced Techniques in Biomedical Research 5 10

Students taking the MSc Neuroscience and Mental Health will also take:

BM 950 Core Neuroscience 5 10

BM 948 Functions of the Nervous System 5 20

BM 949 Disorders of the Nervous System 5 20

MP 968 In-vivo Biology 5 10

together with optional 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

MSc Neuroscience and Mental Health no optional classes, students must take the additional compulsory classes listed under Regulation 19.22.104.

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 credits 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**

**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 General Postgraduate Regulations]

## Admission

19.22.288 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19. 22.289 Regulations 19.1.5 shall apply (see General Postgraduate Regulations).

Notwithstanding Regulation 19.1.6 (see General Postgraduate Regulations), 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

20

|  |  |  |
| --- | --- | --- |
| MP 931 | Generic Biomedical and Pharmaceutical |  |
|  | Research Skills | 5 |
| MP 942 | Advanced techniques in Biomedical |  |
|  | Research 1 | 5 |
| MP 959 | Advanced techniques in Biomedical |  |

10

|  |  |  |  |
| --- | --- | --- | --- |
|  | 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 Biomedical Sciences Project 5 60

## Examination, Progress and Final Assessment

19. 22.292 Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).

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 from the taught modules of the programme.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 19.1.1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess

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.

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

* + 1. Regulations 19.1.4 and 19.1.5 shall apply (see General Postgraduate Regulations).

## 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

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

* + 1. Regulations 19.1.25 – 19.1.33 shall apply (see General Postgraduate Regulations).
    2. The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

## Award

* + 1. **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.*
    2. **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.
    3. **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.

# 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 General Postgraduate Regulations]

## Admission

19.22.200 Regulations 19.1.1 and 19.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

19. 22.201 Regulations 19.1.5 shall apply (see General Postgraduate Regulations).

Notwithstanding Regulation 19.1.6 (see General Postgraduate Regulations), 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 (see General Postgraduate Regulations).

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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulation 19.1.1 shall apply subject to the following requirement. Applicants shall
       1. 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
       2. possess a qualification deemed by the Course Director acting on behalf of Senate to be 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

* + 1. 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

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

## 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

for the degree of MSc no fewer than 180 credits including a project Compulsory Classes Level Credits

MP 917 Chromatography: Principles, Application and

Method Development 5 20

MP 919 Bioanalysis, Biotechnology and Quality

|  |  |  |  |
| --- | --- | --- | --- |
|  | Management | 5 | 20 |
| MP 921 | Chromatographic and Bioanalytical Methods | 5 | 20 |
| MP 931 | Generic Biomedcial and Pharmaceutical |  |  |
|  | Research Skills | 5 | 20 |
| MP 814 | Spectroscopy: Principles, Application and |  |  |
|  | Methods | 5 | 20 |
| MP 812 | Chemical Analysis:Principles, Application |  |  |
|  | And Methods | 5 | 20 |

Students for the degree of MSc only

MP 922 Pharmaceutical Analysis: Project 5 60

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. The final assessment will be based on performance in the examinations, coursework and the project report or dissertation as appropriate.

## Award

* + 1. **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.

* + 1. **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.
    2. **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

* + 1. 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**

**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 General Postgraduate Regulations]

## Admission

19.22.258 Regulation 19.1.1 shall apply (see General Postgraduate Regulations) subject to the following requirements. Applicants shall possess

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.

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 (see General Postgraduate Regulations).

## 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 (see General Postgraduate Regulations).

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.

# 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 the General Postgraduate Regulations]

## Admission

* + 1. Regulations 19.1.1 and 19.1.2 shall apply. In addition relevant industrial experience will be taken into account.

Exemption by Recognised Prior Learning (RPL) from up to a maximum of two taught classes from the curriculum is permitted for those students who have relevant industrial experience.

## Duration of Study

* + 1. Regulations 19.1.5 and 19.1.6 shall apply.

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

## Place of Study

* + 1. In accordance with Regulation 19.1.8, some off-campus work may be required.

## Mode of Study

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

## 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

for the degree of MSc no fewer than 180 credits including a project Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| MP 9AA | Pharmaceutical Law and Administration | 5 | 10 |
| MP 9BB | Pharmaceutical Quality Systems | 5 | 10 |
| MP 9CC | Role and Professional Duties of the QP | 5 | 10 |

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MP 9DD | Medicinal Chemistry and Therapeutics | 5 | 10 |
| MP 9EE | Formulation and Processing | 5 | 10 |
| MP 9FF | Pharmaceutical Microbiology | 5 | 10 |
| MP 9GG | Active Pharmaceutical Ingredients | 5 | 10 |
| MP 9HH | Mathematics and Statistics | 5 | 10 |
| MP 9II | Analysis and Testing | 5 | 10 |
| MP 9JJ | Pharmaceutical Packaging | 5 | 10 |
| MP 9KK | Practical Skills for PQGMP | 5 | 10 |
| MP 9LL | Investigational Medicinal Products | 5 | 10 |

Students for the degree of MSc only

MP 975 Pharmaceutical Quality and Good 5 60

Manufacturing Practice (Project)

## Examination, Progress and Final Assessment

* + 1. Regulations 19.1.25 – 19.1.33 shall apply.
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

## Award

* + 1. **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.
    2. **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.
    3. **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.

General Academic Regulations

(Regulations Specific to a Particular Level of Study)

*Postgraduate Research Degree Regulations*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version No.** | **Description** | **Author** | **Approval** | **Effective Date** |
| 1 | Regulations for Postgraduate Research Students | Quality Enhancement & Assurance Team | Senate | Not implemented |
| 2 | Regulations for Postgraduate Research Students | Quality Enhancement & Assurance Team | Senate | 27 January  2021 |
| SUPERCEEDED SEPT 2021 when new URL for RPL policy to be inserted on page 10 | | | | |

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# Glossary of Terms

|  |  |
| --- | --- |
| *Academic Suspension* | An interruption of studies for an individual, on academic grounds. |
| *Compensation* | Where a student has failed to attain the pass mark in a module, they may, in specific circumstances, be granted a pass by compensation. |
| *Compulsory module* | A module which *must* be taken as part of the programme curriculum. |
| *Department/School* | Academic Departments or Schools within each Faculty. |
| *Faculty* | The University of Strathclyde has four faculties:   * Engineering * Humanities and Social Sciences * Science * Strathclyde Business School |
| *PEGASUS* | An online portal which provides a number of services for students and staff members. |
| *Programme Handbook* | Guide detailing specific programme-related Information. |
| *Programme Regulation* | Specific requirements for individual programmes of study. |
| *Senate* | The academic governing body within the University, responsible for all academic matters including academic standards and quality. |
| *University Regulations* | The Regulations describe the remit and composition of various University committees; regulate the academic work  of the University, the education and discipline of its students, and such other matters as lie within the functions of Senate.  These Regulations stand separate to the General Academic Regulations. |
| *University Ordinances* | Regulatory document providing details on the way in which the University is governed. |
| *Voluntary Suspension* | A voluntary interruption of studies for an individual who is otherwise qualified for continued study. |

# Context

1. These regulations apply to programmes of supervised research leading to one or more academic distinctions of the University of Strathclyde. The following awards are conferred by the University by the authority of the Senate under Ordinance 3:

Masters awards

* 1. The degree of Master of Philosophy (MPhil)
  2. The degree of Master of Research (MRes)

Doctoral awards

* 1. The degree of Doctor of Business Administration (DBA)The degree of Doctor of Education (EdD)
  2. The degree of Doctor of Educational Psychology (DEdPsy)
  3. The degree of Doctor of Engineering (EngD)
  4. The degree of Doctor of Information Science (DInfSci)
  5. The degree of Doctor of Pharmacy (DPharm)
  6. The degree of Doctor of Philosophy (PhD)
  7. The degree of Doctor of Philosophy with Integrated Studies (PhDIntSt) j.

Higher Research awards

1. The degree of Doctor of Science
2. The degree of Doctor of Letters
3. These regulations should be read in conjunction with the University’s Code of Practice for Postgraduate Research Students, which expands on the processes mentioned within these Regulations.
4. Award of a Doctoral degree recognises a student’s knowledge and understanding of their field of study and the ability to conduct future research without supervision, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a supervised programme of research, and which contributes significant original knowledge or the application of existing knowledge to new situations.
5. Award of the degrees of Doctor of Business Administration, Doctor of Education, Doctor of Engineering, Doctor of Information Science, Doctor of Pharmacy, and Doctor of Philosophy with Integrated Studies recognises the completion of a structured programme of learning and/or skills development related to the subject, in addition to a supervised programme of research.
6. Award of the degree of Master of Philosophy recognises a student’s significant contribution to knowledge, or the application of existing knowledge to new situations, in their subject, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a supervised programme of research.
7. Award of the degree of Master of Research recognises a student’s ability to conduct research in their subject, as assessed by the appointed examiners and evidenced by the work submitted for assessment, and which is the result of a structured programme of research methods, and/or a research project.
8. Award of the degree Doctor of Science or Doctor of Letters recognises a substantial contribution to a major field of study over a significant period of time as assessed by the appointed examiners and evidenced by the submission of a significant body of published works accompanied by a summary outlining the publications submitted and the contribution the publications have made to the field of research.
9. Joint or dual research degrees established by University Departments or Schools with external partners should comply with the Policy & Code of Practice on Collaborative Provision when establishing these arrangements to ensure due process is followed.

# Admissions

1. The standard admissions criteria for research degree programmes are set out in the University’s Admissions Policy. Any additional criteria to the standard admissions policy are set out in annually published Individual Research Degree Regulations.
2. Applicants for Higher Research degrees should follow the guidelines and procedures in the University’s Policy on Higher Doctorates.
3. Members of staff of the University of Strathclyde may apply for research degree programmes as described in the University’s policy on postgraduate research study for staff. Staff applicants must be members of University of Strathclyde staff and remain members of staff for the duration of the research programme. The admissions criteria listed in the University’s Admissions Policy will apply to University staff applicants.

# Registration

1. An applicant accepting an offer to study for a postgraduate research programme is required to register at the start of the programme and pay fees as applicable. Students are also required to re-register at the start of each new academic year.
2. A student can register at the start of any calendar month.
3. A student awarded funding must follow the terms and conditions set out by the funder and meet any reporting requirements.
4. Students will be registered within a single department/school, and the registering department/school is responsible for the management and oversight of the programme of supervised research. Students involved in multi-disciplinary research, or who have supervisors based in two or more departments/schools, will normally be registered within the first supervisor’s department/school. Management and oversight of the programme of supervised research will be the responsibility of the registering department/school, but this will be executed in consultation with the other department(s)/school(s) concerned.

# Mode of Study

1. Some research degree programmes are available to students on a full-time or part-time basis. Individual Research Degree Regulations specify the available modes of study for a programme, and whether changes to mode of study are allowed.
2. Students undertaking a full-time research degree programme are expected to dedicate the working week to their research and studies. The Code of Practice for Postgraduate Research Students provides more information on working hours, annual leave, public holidays and University closures.
3. Part-time students will follow a pattern of working in line with that of full-time students, on a pro-rata basis.
4. Students may request a transfer from full-time to part-time study, or vice versa, by submitting an application to their Supervisor, for approval by the appropriate Vice-Dean

(or nominee). Transfers to a different mode of study will only be permitted in instances where the transfer does not impact on the research project adversely. The Code of Practice for Postgraduate Research Students provides information about the process and criteria for changes to mode of study.

1. Students cannot change their mode of study when they have transferred to *completing*

status.

1. Students can enter voluntary suspension once they have transferred to *completing*

status, as stated in the Voluntary Suspension Guidelines.

# Period of Study

1. Standard minimum and maximum periods of study are set out in Table A below. The minimum period of study will be used to calculate the expected submission date, and the maximum period of study will be used to calculate the final submission date. Individual Research Degree Regulations will establish if part-time study is available, and additional admissions requirements that might affect the minimum duration. Each registering student will receive confirmation of the minimum and maximum period of their registration and the expected and final submission dates, in writing, at the point at which they are offered a place at the University of Strathclyde to study a research degree programme.
2. Any periods of voluntary suspension during the minimum period of study will be added to the minimum period of study and the expected submission date and final submission date adjusted accordingly.

# Table A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Award** | **Full Time (months)** | | **Part Time (months)** | |
|  | Minimum  period of study | Maximum  period of study | Minimum  period of study | Maximum period  of study |
| DBA | N/A | N/A | 48 | 60 |
| EdD | 36 | 48 | 60 | 96 |
| DEdPsy | 24 | 36 | N/A | N/A |
| EngD | 48 | 60 | 96 | 108 |
| DInfSci | 36 | 48 | 60 | 72 |
| DPharm | 36 | 48 | 48 | 60 |
| PhD | 36 | 48 | 72 | 84 |
| MPhil | 12 | 24 | 24 | 36 |
| MRes | 12 | 24 | 24 | 36 |
| PhDIntSt | 48 | 60 | 96 | 108 |

1. A student is required to submit their thesis within the maximum period of study. Students who receive funding that covers part or all of the completing period between the minimum and maximum period of study are still required to complete within the maximum period of study.
2. In exceptional circumstances, students can seek a regulation waiver to reduce the minimum period of study.
3. In exceptional circumstances, Vice-Deans may approve an extension to the maximum period of study.

# Changes to Registration Status

1. Students will have one of four registration statuses:
   1. Valid to register;
   2. Registered;
   3. Completed;
   4. Terminated.
2. Once students have registered at the University for a research degree under these regulations, one of the following classifications will apply:
   1. Registered - Voluntary Suspension;
   2. Registered - Academic Suspension;
   3. Registered - Completing.
3. Students transfer to *completing* classification following the successful completion of a final annual review. The final annual review must happen before the final submission date, allowing sufficient time for the student to prepare the thesis for submission by the final submission date. The Code of Practice for Postgraduate Research Students provides information on the review process and criteria for transferring to *completing* classification.
4. A final annual review will only be considered final if the student has completed all relevant research and training requirements as detailed in regulations 51 to 63 and has demonstrated that they will be able to submit the thesis by a planned submission date that falls before the final submission date.
5. A registration review should be held if the outcome of the final annual review is that the student is not ready to transfer to *completing* classification. Outcomes of the registration review are detailed in the Code of Practice for Postgraduate Research Students.
6. Full-time and part-time students must submit before the final submission date regardless of when the transfer to *completing* occurs.
7. Submission reviews should be carried out during the completing period, following the guidelines in the Code of Practice for Postgraduate Research Students.
8. Students who fail to submit before the final submission date without an approved extension following a submission review will be withdrawn from their programme of study, according to the guidelines in the Code of Practice for Postgraduate Research Students.

# Supervision

1. A student will be allocated a supervisory team with a minimum of two supervisors, with one supervisor designated as the first supervisor. The supervisory team should always consist of two University staff but can also include qualified individuals from outside the University. Details of the process for joint supervision with other institutions can be found in the Code of Practice for Postgraduate Research Students.
2. A supervisory team must include a member of staff at Grade 8 (or above), with previous experience as a first supervisor. The first supervisor must have relevant research expertise. All University supervisors must have undertaken appropriate training, as described in the Code of Practice for Postgraduate Research Students, to be recognised by the University as eligible supervisors.
3. The Head of School/Department, or nominee, will appoint the supervisory team, which will be responsible for supporting the student through the research programme, and monitoring the student’s progress. Full details of the supervisory team’s responsibilities can be read in the Code of Practice for Postgraduate Research Students. Supervisors will be familiar with the policies, processes and responsibilities described in the more detail in the Code of Practice.
4. Changes to the supervisor team may be necessary at some point during the research programme. The Head of School/Department, or nominee, is responsible for initiating any changes to the supervisory team. The circumstances and criteria for changes to the supervisory team are listed in the Code of Practice for Postgraduate Research Students.

# Engagement

1. The University expects research degree students to demonstrate the level of engagement with their studies. This includes regular communication with the supervisory team, engagement with formal progression monitoring processes and active participation in any of the taught elements of the programme of study.
2. Within each 12-month period of study, students are expected to satisfy the engagement criteria defined in the Code of Practice for Postgraduate Research Students and successfully complete a formal review. The formal review requirements for each year are also detailed in the Code of Practice.
3. In addition to regulation 39 and 40 above, students with visa requirements should also comply with the engagement and attendance requirements of their visa.
4. A recommendation that the student transfer to an exit award, if available under Individual Research Degree Regulations and regulations 88-90, may be made under the following circumstances:
   1. academic withdrawal, based on one of the following reasons:
      1. an unsatisfactory outcome from an annual review, or;
      2. insufficient progress following the remedial period established by an interim or annual review, or;
      3. sustained lack of engagement under the terms of regulations 39 and 40 between reviews, or;
   2. recommendation of examining committee, or;
   3. the student elects to voluntarily withdraw.
5. In all cases, an exit award must be available as detailed in the Individual Research Degree Regulations and the student must have completed or be able to complete the requirements of the exit award within a timeframe set by the registering school/department, and no longer that the minimum duration of the exit award. In cases where a student is compulsorily withdrawn due to misconduct, the misconduct process should consider if the student is eligible to submit for an exit award and justify why regulation 89 should be waived.

# Collaborative Provision

1. For students engaged in collaborative provision arrangements, usually off-campus, an agreement must be in place that establishes the format and frequency of engagement and supervision, as well as research and training activities. Agreements must comply with the requirements and have the approval of the Collaborative Provision Agreement subgroup and Senate. Agreements should be compatible with the overall Postgraduate Research Degree Programme regulations, specifically regulations 39 and 40. Details of the process for setting up an agreement for Off campus students can be found in the Code of Practice for Postgraduate Research Students.
2. Jointly supervised students and students on a joint PhD programme with another institution must have an agreement in place that establishes the amount of time spent at each institution, and the format and frequency of communication and supervision, as well as research and training activities while at each institution. Agreements must comply with the requirements and have approval of the Collaborative Provision Agreement subgroup and Senate. Agreements should be compatible with the Postgraduate Research Degree Programme regulations, specifically 39 and 40. Details of the process for setting up an agreement for Joint PhD Awards can be found in the Framework for Joint PhD Awards.

# Paid employment

1. A full-time student may undertake work not directly related to their research programme, which is undertaken in their own time outside of their degree and does not exceed the limits specified in the Code of Practice for Postgraduate Research Students.
2. The supervisory team may request that the student change their mode of study from full- time to part-time if the student’s progress is affected by any additional work during the expected period of study, and a change of mode of study is permitted by the Individual Research Degree Regulations.
3. A part-time student is expected to meet any curriculum, training and engagement requirements specified by their programme alongside any other commitments outside of their research programme, paid or otherwise.

# Research-related paid employment

1. A student may also undertake additional paid research work at the University of Strathclyde, based on their area of research, if the conditions of any funding allow it. Such work will require a formal contract establishing the student as a member of research staff. The student will be required to transfer to part-time study when the period of paid research work exceeds the limits set out in the Code of Practice for Postgraduate Research Students but does not exceed the requirements for part-time study. The student should enter voluntary suspension for the period of employment if the additional research work is equivalent to full time employment and does not exceed the maximum duration of voluntary suspension. Studentships, fees and funding will be adjusted to reflect the change to the student’s mode of study. Students who are studying on a visa must comply with the restrictions placed on their working hours at all times, as detailed in the Code of Practice.

## Teaching-related paid employment

1. Students may be given the opportunity to engage in the support of teaching and learning activities through teaching, lecturing, demonstrating practical classes, project supervision, tutorials, and formative and summative assessments. This should not exceed the limits set out in the Code of Practice for Postgraduate Research Students.
2. The student’s teaching responsibilities will be clearly defined in writing.
3. All students will complete mandatory and any other appropriate training provided by their department/school before commencing any teaching and/or assessment.
4. Students will be fairly paid for any teaching work, as per University policy.

# Professional Development

1. Students are required to engage with the personal and professional development component of their programme.
2. Professional Development activities are an integral component of the taught elements of the following programmes:
   1. Doctor of Business Administration (DBA)
   2. Doctor of Education (EdD)
   3. Doctor of Engineering (EngD)
   4. Doctor of Information Science (DInfSci)
   5. Doctor of Pharmacy (DPharm)
   6. PhD with Integrated Studies (PhDIntSt)
3. The personal and professional development content should be specified along with the taught element of each programme in the Individual Research Degree Regulations and/or handbook.
4. Students registered in the Engineering, Science and Humanities and Social Sciences Faculties on a standard PhD programme with no formal taught curriculum, have to complete the Postgraduate Certificate in Researcher Professional Development (PG Cert RPD). The University’s *Recognition of Prior Learning Policy* outlines the procedure for applying for exemption from programmes and modules on the basis of prior experiential or accredited learning.[[1]](#footnote-1)
5. Students registered in the Strathclyde Business School on a standard PhD programme are required to complete the Postgraduate Certificate in Research Methodology for Business and Management.
6. Students registered for DLitt and DSci are not required to undertake accredited transferable skills training.
7. MPhil students will be required to take and pass 20 credits of professional development training comparable to the Postgraduate Certificate in Researcher Professional Development to complete their research degree programme.
8. Visiting students are expected to engage with appropriate personal and professional development activities in line with the amount of time spent at the Institution. The registering department are responsible to for establishing the scope and nature of the visit, and for monitoring engagement during the visit.
9. Non-graduating students will have personal and professional development activities built into the collaborative agreement, some of which may occur while the student is based at Strathclyde.

# Assessment

1. All taught elements of the University’s research programmes listed in regulation 1 must conform to the principles outlined in the Postgraduate Taught Course Regulations issued by Senate.
2. A student registered on a programme with a formal curriculum listed in regulation 1 will normally have to satisfy the requirements of the taught element before progressing to the research component, as described in the Individual Research Degree Regulations. Any outstanding taught elements of the programme must be completed before submitting their thesis for examination.
3. A student registered on a standard PhD programme must satisfy the requirements of the professional development programme specified in regulations 54 or 55 before submitting their thesis for examination.
4. A student registered on an MPhil programme must satisfactorily complete the 20-credit professional development requirement in regulation 57 before they can submit their thesis for examination.
5. All doctoral research degree programmes require a thesis to be submitted for examination. The thesis will be assessed in an oral examination conducted by an examining committee, unless the student’s personal circumstances require an alternative format acceptable to the examining department and committee.
6. All masters research degree programmes require a thesis to be submitted for examination, in addition to any formal curriculum requirements. The thesis will be examined by an examining committee and may also require an oral examination conducted by the examining committee.
7. The thesis must be submitted for examination by the final submission date. The Code of Practice for Postgraduate Research Students provides detailed information on the scope, content and format of the thesis, and planned and final submission dates.
8. Failure to submit by the final submission date, or to secure an extension using the process outlined in the Code of Practice for Postgraduate Research Students, will result in the student being withdrawn from the programme of study and ineligible for examination.
9. With the exception of students registered for joint or dual degrees, a student will not be permitted to submit a thesis which has been or will be submitted for a degree or comparable award of this or any other university or institution.
10. The greater proportion of a student’s research must have occurred during the period of registration. The contribution of any work from before the period of registration must be clearly established in the thesis, and all appropriate acknowledgements and attributions made, as detailed in the Code of Practice for Postgraduate Research Students. Any previous work included in the thesis cannot have formed any part of a prior assessment for any type of award, and if the work has been previously published it must be cited in the same manner as any other published work.

# Examining Committee

1. The purpose of the oral examination and the role of the examining committee is to determine that:
   1. the thesis is a record of the candidate’s original research or other advanced scholarship on primary data sources or similar;
   2. the thesis makes an identifiable contribution to knowledge leading to original insight or understanding of a specific topic within the field of study;
   3. the performance of the student in the oral examination was satisfactory;
   4. the literary style and presentation of the thesis is satisfactory;
   5. the thesis is worthy of publication, in part or in whole;
   6. the candidate possesses a good general knowledge and understanding of the field of study and has demonstrated an ability to conceptualise, design and implement an appropriate research strategy and programme.
2. The examining committee is appointed for each individual candidate and includes:
   1. A convenor
   2. at least one internal examiner; and
   3. at least one examiner external to, and independent of, the University.
3. Internal examiners are members of the academic staff of the University. No Supervisor or member of the supervisory team member can be appointed as a convenor or internal examiner for their student.
4. External examiners are appointed in line with criteria approved by Senate, taking into account national expectations of the role, and the management of potential conflicts of interest and externality. Departments/Schools should follow the policies and processes for appointing the examining committee.
5. At least one examiner will be qualified to the level of degree for which the candidate is being examined unless they are a Professor and therefore deemed to have equivalent expertise and experience to undertake this role.
6. The examining committee may also act as the board of examiners for any taught or training components of the degree programme. Individual Research Degree Regulations and the Code of Practice for Postgraduate Research Students indicate how taught or training components are examined.

# Results of Examination

1. The outcome of the first oral examination will be one of the following:
   1. Pass with final award made;
   2. Pass subject to minor amendments assessed by the internal examiner only;
   3. Pass subject to minor amendments assessed by the full examining committee;
   4. Resubmission following major amendments assessed by the full examining committee;
   5. Resubmission following major amendments assessed by the full examining committee and a second oral examination;
   6. Resubmission following further research and re-examination of the thesis by the full examining committee and a second oral examination;
   7. Fail with a lower, related exit award made at this point;
   8. Fail with lower, related exit award made at this point with minor corrections being required and assessed by the internal examiner only;
   9. Fail with transfer to a lower, related exit award with the requirement to resubmit assessed by the full examining committee;
   10. Fail with transfer to a lower, related exit award with the requirement to resubmit assessed by the full examining committee and a second oral examination.
   11. Fail with no award and compulsorily withdrawn.
2. Details on the process and deadlines following each of these outcomes are provided in the Code of Practice for Postgraduate Research Students.
3. Failure to meet the deadlines for resubmission set by the examining committee will result in the student being withdrawn from the registered programme unless the student has informed the examining committee of any extenuating circumstances and the committee have agreed to an extension.
4. A student will have one further opportunity to resubmit the thesis for examination following outcome *d, e, f, g, h, i and j* of regulation 79.
5. Following re-submission under points *d, e and f* of regulation 79, the outcomes available to the examining committee are:
   1. Pass with award made;
   2. Pass with minor corrections assessed by the internal examiner only;
   3. Fail with transfer to a lower, related exit award with the award being made at this point;
   4. Fail with no award and compulsorily withdrawn.
6. Following resubmission for a lower, related award for *i and j* of regulation 79, the outcomes available to the examining committee are:
   1. Pass and award made;
   2. Pass subject to minor amendments assessed by the internal examiner only;
   3. Fail with no award and compulsorily withdrawn.
7. Following outcomes *i and j* of regulation 79, the student can be transferred to one of the possible exit awards listed in regulation 89 and confirmed in the Research Degree Regulations for individual programmes.

# Student Conduct and appeals

1. Students should abide by the academic, research and professional conduct standards defined by the University. Any breaches in conduct will be investigated according to University procedures, provided in the Code of Practice for Postgraduate Research Students. Students have a right to appeal against any decisions made about their academic, research or professional conduct. The appeal process for each type of conduct is detailed in the Code of Practice.

# Exit Awards

1. A student can achieve an exit award through the following routes:
   1. Progress is deemed unsatisfactory at a formal review and student is recommended to submit and be examined for an exit award;
   2. the examining committee recommend that the student be considered for an exit award following the oral examination;
   3. the student requests a transfer to an exit award during the period of supervised research, or under the circumstances described in regulation 81.

*NB: In each case, the student must have completed the requirements, or be able to complete the requirements for the exit award. The specific requirements for an exit award are provided in the programme specification for the research programme.*

1. A student withdrawn from their programme on the grounds of academic, professional, or research misconduct will not be eligible for an exit award.
2. The following exit award levels may be available, depending on Individual Research Degree Regulations:

|  |  |
| --- | --- |
| **Registered award** | **Possible exit awards** |
| Doctor of Business Administration (DBA) | MSc/PG Dip/PG Cert |
| Doctor of Education (EdD) | MPhil/MSc/PG Dip/PG Cert |
| Doctor of Educational Psychology (DEdPsy) | MPhil |
| Doctor of Engineering (EngD) | MPhil/MSc/PG Dip/PG Cert |
| Doctor of Information Science (DInfSci) | MPhil/MSc/PG Dip |
| Doctor of Pharmacy (DPharm) | MPhil/MRes |
| Doctor of Philosophy (PhD) | MPhil |
| Doctor of Philosophy (PhD) (SBS only) | MPhil/PG Dip/PG Cert |
| PhD with Integrated Studies (PhDIntSt) | MPhil/MSc/PG Dip/PG Cert |
| Master of Philosophy (MPhil) | No exit award |
| Master of Research (MRes) | PG Cert |

# Availability of Thesis

1. Following the ratification of an awarded research degree undertaken at the University, the thesis will be electronically available within the public domain and a hard copy placed in the University library. Students should also comply with the University Research Data Policy to safeguard data during the period of registration, and where possible and appropriate or mandated by a funder, make the data available after the thesis has been made publicly available.
2. A student may request a delay to the release of a print and/or electronic thesis under limited and specific circumstances relating to publication, commercial exploitation or patenting, or where the thesis includes material which is of significance to national security or personal safety. The request for a delay to the release of a thesis must be compatible with the terms and conditions of any funding the student has received. A maximum delay of 5 years from the date of the award may be agreed.
3. A permanent moratorium may be sought on very limited grounds relating to personal or national security or where permission to include third party copyright material could not be obtained, and exclusion of this material would significantly reduce the academic value of the thesis.
4. The request to delay the release of thesis must be made in advance of the thesis submission, following the process described in the Code of Practice for Postgraduate Research Students.
5. Theses funded by a UKRI training grant must be placed in the public domain within a maximum of 12 months following award. Students receiving funding from another body should comply with the terms and conditions of their funding award.

# Commercialisation of Research and Intellectual Property (IP)

1. Students must accept one of three options regarding their intellectual property rights when registering. Students can agree to the University’s Policy, not agree to the University’s Policy because their funder has stipulated different requirements, or the student can choose not to agree to accept the University’s policy for personal reasons. Students who disagree on personal grounds must establish with their supervisor what those grounds are, and the supervisor will have to determine, with the approval of the Head of Department/School, if the student can be accepted for supervision. Students should read the Policy before completing registration and understand the options available to them. More information can be found in the Code of Practice for Postgraduate Research Students.

# Enhancement and continuous improvement

1. Senate defines mechanisms for the regular monitoring, review and validation of the quality and standards of research student support provision, and where appropriate the partnership arrangements involved in the delivery of such programmes. Further details can be found in the Code of Practice for Postgraduate Research Students

**FACULTY OF ENGINEERING DEPARTMENT OF BIOMEDICAL ENGINEERING BIOFLUID MECHANICS**

## MRes in Biofluid Mechanics

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

## Admission

* + 1. Regulations 20.4.1 and 20.4.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study.

## Curriculum

* + 1. 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

* + 1. Regulations 20.4.18 – 20.4.25 shall apply (see General Postgraduate Regulations).

## Award

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall
       1. possess a first or second class Honours degree from a United Kingdom university (in Architecture, Engineering, or closely related subject); or
       2. possess a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
       3. 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

* + 1. Regulation 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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 933 | Design Management | 5 | 10 |
| EV 939 | Environmental Impact Assessment | 5 | 10 |

## Examination, Progress and Final Assessment

* + 1. Regulation 20.4.21 and 20.4.22 shall apply (see General Postgraduate Regulations).
    2. 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

* + 1. **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

* + 1. 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 20.4.1 and 20.4.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Credit Transfer and Recognition of Prior Learning

* + 1. 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

* + 1. 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 Regenerative 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 Prosthetics 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  BE 925 Numerical Modelling in | 10 |

Biomedical Engineering 5 10

## Examination, Progress and Final Assessment

* + 1. 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.
    2. 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.
    3. 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

* + 1. **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.
    2. **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

* + 1. 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.

**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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 20.1.1 and 20.1.2 shall apply (General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.1.5 and 20.1.6 shall apply (General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Credit Transfer and Recognition of Prior Learning

* + 1. As permitted by Regulation 19.1 (see General Postgraduate Regulations) 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

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

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| BE 915  MP 931 | Medical Science for Engineering  Generic Biomedical and Pharmaceutical | 5 | 20 |
|  | 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

* + 1. 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 of General Postgraduate Regulations).

## Examination, Progress and Final Assessment

* + 1. 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 (see General Postgraduate Regulations).
    2. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.
    3. 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

* + 1. **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 of General Postgraduate Regulations.

## Transfer

* + 1. A candidate who fails to satisfy the progress or award requirements of the EngD may be transferred to the MSc in Medical Devices.

**FACULTY OF ENGINEERING DEPARTMENT OF BIOMEDICAL ENGINEERING MEDICAL TECHNOLOGY**

## MRes in Medical Technology

**Course Regulations**

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

## Admission

* + 1. Regulation 20.4.1 and 20.4.2 shall apply (see General Postgraduate Regulations).

**Duration of Study**

* + 1. Regulations 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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

* + 1. 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.
    2. 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.
    3. 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

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall

1. possess a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
2. possess a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
3. 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

* + 1. Regulation 20.4.5 shall apply (see General Postgraduate Regulations). Notwithstanding Regulation 20.4.6 (see General Postgraduate Regulations), 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

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. All 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

* + 1. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and the Dissertation.
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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 CIVIL AND ENVIRONMENTAL ENGINEERING**

**GEOENVIRONMENTAL ENGINEERING**

## MRes in Geoenvironmental Engineering Course Regulations

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

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall possess
       1. a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
       2. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
       3. 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

* + 1. Regulation 20.4.5 shall apply (see General Postgraduate Regulations). Notwithstanding Regulation 20.4.6 (see General Postgraduate Regulations), 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

* + 1. The course is available by full-time and part-time study either via on- campus or Distance Learning

## Curriculum

* + 1. All 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  CL 973 | Water & Wastewater Treatment Design Independent Study in Collaboration with Industry | 5  5 | 10  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 Economy | 5 | 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 (see General Postgraduate Regulations).

## Examination, Progress and Final Assessment

* + 1. Candidates 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.

* + 1. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall possess

1. a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
2. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
3. 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

* + 1. Regulation 20.4.5 shall apply (see General Postgraduate Regulations). Notwithstanding Regulation 20.4.6 (see General Postgraduate Regulations), 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

* + 1. The course is available by full-time and part-time study either via on- campus or Distance Learning

## Curriculum

* + 1. All 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  EV 908 | Fundamentals of Environmental Forensics Pollution and Rehabilitation of Degraded Ecosystems | 5  5 | 10  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 Economy | 5 | 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 (see General Postgraduate Regulations).

## Examination, Progress and Final Assessment

* + 1. Candidates 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.

* + 1. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulations 20.1.1 and 20.1.2 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum First Year

* + 1. 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

* + 1. 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 of General Postgraduate Regulations).

## Examination, Progress and Final Assessment

* + 1. 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 (see General Postgraduate Regulations).
    2. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.
    3. 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

* + 1. **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
       1. accumulated no fewer than 180 credits from the course curriculum
       2. submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1 (see General Postgraduate Regulations).
       3. performed satisfactorily in an oral examination.

## Transfer

* + 1. 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 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 General

Postgraduate Regulations]

## Admission

* + 1. Regulations 20.1.1 and 20.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.1.5 and 20.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Place of Study

* + 1. 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

* + 1. 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

* + 1. 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 of General Postgraduate Regulations).

## Examination, Progress and Final Assessment

* + 1. 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 (see General Postgraduate Regulations).
    2. Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.
    3. 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

* + 1. **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
       1. accumulated no fewer than 180 credits from the course curriculum
       2. submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1 (see General Postgraduate Regulations).
       3. performed satisfactorily in an oral examination.

## Transfer

* + 1. 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.

# 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 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall possess

1. a first class Honours degree from a United Kingdom university (in Engineering, a Physical Science or closely related subject); or
2. 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

* + 1. Regulation 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum

* + 1. 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

* + 1. 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.
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework and the Dissertation.

## Award

* + 1. **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.
    2. **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

* + 1. 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.

# 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 General

Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall possess

1. a first class Honours degree from a United Kingdom university (in Engineering, a Physical Science or closely related subject); or
2. 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

* + 1. Regulation 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Curriculum

* + 1. 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

* + 1. Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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.

# FACULTY OF ENGINEERING

**FACULTY COURSES**

## MRes in Engineering Course Regulations

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

## Admission

* + 1. Notwithstanding Regulation 20.4.1 (see General Postgraduate Regulations), applicants shall possess
       1. a first or second class Honours degree from a United Kingdom university (in Engineering, a Physical Science or a closely related subject); or
       2. a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
       3. 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

* + 1. Regulation 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. All 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

* + 1. Regulation 20.4.21 shall apply (see General Postgraduate Regulations).
    2. 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.
    3. The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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.

# 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

**FACULTY COURSES NUCLEAR ENGINEERING**

## Doctor of Engineering (EngD) in Nuclear Engineering

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

*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

* + 1. Regulations 20.1.1 and 20.1.2 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.1.5 and 20.1.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time study only.

## Place of Study

* + 1. 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

* + 1. 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

* + 1. 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

* + 1. 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

* + 1. All students shall undertake a doctoral research project.

## Management Classes offered by the University of Manchester

* + 1. 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

* + 1. 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

* + 1. 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).
    2. 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).
    3. 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

* + 1. **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:
       1. accumulated at least 45 credits from the technical classes and 15 credits from *EE 953 External Study 1* in the course curriculum;
       2. successfully completed the Diploma in Management Science from University of Manchester Business School;
       3. submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1 (see General Postgraduate Regulations);
       4. performed satisfactorily in an oral examination.

# 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

**DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING**

**RENEWABLE ENERGY MARINE STRUCTURES**

## Doctor of Engineering (EngD) in Renewable Energy Marine Structures

* + 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.2.1 (see General Postgraduate Regulations), successful applicants shall normally possess
       1. a Master’s degree in Education 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 teaching qualification; or
      2. other relevant professional qualification.

## Duration of Study

* + 1. Notwithstanding Regulation 20.2.5 (see General Postgraduate Regulations), the minimum duration of study will normally be

for the degree of EdD by full-time study – 36 months for the degree of EdD by part-time study – 48 months

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

* + 1. 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

* + 1. 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

* + 1. 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 |
| OR | learners |  |  |
| X7 927 | GIfT Pedagogy 1: Language learning and |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| X7 928 | teaching  GIfT Pedagogy 2: Gaelic- medium education | 5  5 | 20  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**

* + 1. 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.

* + 1. Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
    2. 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.
    3. 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.
    4. The final assessment will be based on performance in the coursework, the thesis and an oral examination.

## Award

* + 1. 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).

* + 1. 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

* + 1. 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.

# 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 (see General Postgraduate Regulations) 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

**FACULTY COURSES**

## Master of Research (MRes)

In Counselling

Creative Writing Education English

European Public Policy French

History Italian Journalism Law

Modern Languages Literary Linguistics Politics

Psychology Social Policy Social Work Spanish

Speech & Language Therapy Physical Activity for Health

## Course Regulations

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

## Admission

* + 1. Regulation 20.4.1 shall apply (see General Postgraduate Regulations).
    2. Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences

## Duration of Study

* + 1. Regulations 20.4.5 and 20.4.6 will apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The degree is available by full-time and part-time study.

## Curriculum

* + 1. 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 |
| XX 9XX | Dissertation in Physical Activity for Health | 5 | 160 |
| XX 9XX | Dissertation in Modern Languages | 5 | 160 |

Optional Classes

No fewer than 20 credits and no more than 60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| C8 939 | Quantitative Research Methods | 5 | 20 |
| 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

* + 1. Regulations 20.4.18 to 20.4.25 shall apply (see General Postgraduate Regulations)
    2. The final assessment will be based on performance in the coursework, examinations, and dissertation and, if appropriate, in an oral examination.

## Award

* + 1. 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.

# 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 General Postgraduate Regulations)

## Admission

* + 1. Notwithstanding Regulation 20.2.1 (see General Postgraduate Regulations), applicants shall possess

*either*

* + - 1. MSc in Educational Psychology

*or*

* + - 1. qualifications and experience deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above;

*and*

* + - 1. 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

* + 1. 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

* + 1. Students undertake a full-time programme of research and fieldwork.

## Curriculum

* + 1. 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 (see General Postgraduate Regulations).
    2. 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

* + 1. 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.
    2. 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.
    3. Before being allowed to proceed to examination of the thesis a student must have received a satisfactory report from the Principal Educational Psychologist.
    4. Students who do not satisfy Regulation 20.132.4 or 20.132.5 (see General Postgraduate Regulations) may be required to withdraw from the course.
    5. Regulations 20.2.23 – 20.2.26 shall apply (see General Postgraduate Regulations).

## Award

* + 1. 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.
    2. A candidate who has completed the work for the Doctor of Educational Psychology but has failed to satisfy the examiners at doctoral level, may be considered by the Examining Committee for transfer to, and the award of, the Master of Philosophy.

**STRATHCLYDE BUSINESS SCHOOL FACULTY PROGRAMMES**

**BUSINESS ADMINISTRATION**

**Doctor of Business Administration**

*These regulations are to be read in conjunction with General Postgraduate Regulations.*

**Admission**

1. Notwithstanding Regulation 20.2.1 (see General Postgraduate Regulations), successful applicants shall normally be experienced professional practitioners in their chosen field.

**Duration of Study**

1. Regulation 20.2.5-20.2.6 shall apply (see General Postgraduate Regulations).

**Mode of Study**

1. All students undertake a taught programme, the length of which should be governed by the regulations of that programme followed by a period of research to be determined by the Board.

**First Stage Curriculum**

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

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF992 | Research Methods | 5 | 20 |
| BF801 | Reviewing Literature in Business Subjects | 5 | 10 |
| BF984 | Research Colloquium | 5 | 10 |
| and either | | | |
| BF994 | Introduction to Quantitative Methods: Survey Design and Analysis | 5 | 10 |
| BF998 | Advanced Quantitative Methods | 5 | 10 |
| or | | | |
| BF995 | Advanced Qualitative Methods | 5 | 20 |

**Second Stage Curriculum**

1. 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.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF977 | Special Topics 1 | 5 | 20 |
| BF978 | Special Topics 2 | 5 | 20 |
| BF979 | Special Topics 3 | 5 | 20 |

**Third Stage Curriculum**

1. Students who satisfy the requirements of the First and Second Stage Curriculum shall progress to the Research Project.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF929 | Research Project | 5 | 60 |

**Thesis Stage**

1. Students must complete their research and prepare a thesis based thereon.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF814 | DBA Thesis | 5 | 360 |

**Examination, Progress and Final Assessment**

1. Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the programme before being permitted to proceed to the thesis.
2. If a candidate fails to fulfil this requirement Regulation 19.1.30 shall apply (see General Postgraduate Regulations).
3. Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
4. The final assessment will be based on performance in the coursework, the thesis and an oral examination.

**Award**

1. 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.
2. 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**

1. 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.
2. 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.
3. 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.

# 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 General Postgraduate Regulations].

## Admission

* + 1. Regulation 20.4.1 shall apply.

## Duration of Study

* + 1. Regulations 20.4.5 and 20.4.6 shall apply.

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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 |
| BF 998 | Survey Design and Analysis, 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

* + 1. 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.
    2. The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

## Award

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Notwithstanding Regulation 20.2.1 (see General Postgraduate Regulations), 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

* + 1. Notwithstanding Regulation 20.2.5 (see General Postgraduate Regulations), the minimum duration of study will normally 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 (see General Postgraduate Regulations), 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

* + 1. 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

* + 1. All students shall undertake an approved curriculum as follows Compulsory Classes Level C r e d i t s

|  |  |  |  |
| --- | --- | --- | --- |
| 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

* + 1. Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
    2. 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.
    3. 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.
    4. The final assessment will be based on performance in the coursework, the thesis and an oral examination.

## Award

* + 1. 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

* + 1. 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.
    2. 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.

# 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 General

Postgraduate Regulations]

## Admission

* + 1. Regulation 20.4.1 (see General Postgraduate Regulations), shall apply subject to the following requirements. Applicants shall possess
       1. a first or second class Honours degree from a United Kingdom university (in Mathematics or a closely related subject); or
       2. 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

* + 1. Regulations 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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

* + 1. Regulations 20.4.21 and 20.4.27 shall apply (see General Postgraduate Regulations).
    2. 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

* + 1. **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

* + 1. A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Mathematical Sciences may be transferred to the Postgraduate Diploma or the Postgraduate Certificate in Mathematical Sciences provided the appropriate performance in taught elements.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

**Master of Research in Physics**

**Master of Research in Physics (in specific research area**)

*For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the*[*General Academic Regulations - Postgraduate Research Degree Regulations*](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/General_Regulations_Postgraduate_Research_Degree_Regulations.pdf)*.*

*For regulations relating to taught (compulsory/optional) modules, please refer to the*[*General Academic Regulations - Postgraduate Taught Degree Programme Level*](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/PGT_General_Regulations.pdf%22%20/t%20%22_blank)***.***

**Admission**

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/General_Regulations_Postgraduate_Research_Degree_Regulations.pdf) 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.

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

**Duration of Study**

1. The [General Academic Regulations - Postgraduate Research Degree Regulations](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/General_Regulations_Postgraduate_Research_Degree_Regulations.pdf) shall apply.

**Mode of Study**

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

**Curriculum**

1. Students will follow a specialisation that relates to the research interests of the Department.
2. All students shall undertake a curriculum based on the accumulation of no fewer than 180 credits, to be derived from the following compulsory and optional modules.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| PH551 | Research Skills | 5 | 20 |
| PH987 | Project | 5 | 120 |

**Optional Modules**

1. All students shall take modules amounting to 40 credits chosen from the level 5 modules offered by the Department of Physics or other level 5 modules relevant for their research area as approved by the Adviser of Studies.

**Examination, Progress and Final Assessment**

1. 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.
2. The final award will be based on performance in the examinations, coursework, and the Project.

**Award**

1. 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 PH987.

**Transfer**

1. 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 (having achieved 120 credits) 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 the [General Postgraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Graduate_and_Postgraduate_Awards_and_Degrees.pdf)].

*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 (see [General Postgraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Graduate_and_Postgraduate_Awards_and_Degrees.pdf)).

Duration of Study

20.18.2 Regulations 20.1.5 and 20.1.6 shall apply (see [General Postgraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Graduate_and_Postgraduate_Awards_and_Degrees.pdf)).

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 20.18.9

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 credits 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.

# 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

[The General Regulations for 20.1 General Regulations for the Degrees of Doctor of Philosophy and Doctor of Engineering of the University of Strathclyde (see General Postgraduate Regulations) 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

**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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 20.4.1 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.4.5 shall apply (see General Postgraduate Regulations).

Notwithstanding regulation 20.4.6 (see General Postgraduate Regulations) 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

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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

* + 1. Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.
    2. 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

* + 1. **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

* + 1. 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**

**CLINICAL PHARMACY**

## MRes in Clinical Pharmacy Course Regulations

[These regulations are to be read in conjunction with General

Postgraduate Regulations]

## Admission

* + 1. Regulation 20.4.1 (see General Postgraduate Regulations) shall apply subject to the following requirements. Applicants shall possess

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.

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

## Duration of Study

* + 1. Regulations 20.4.5 and 20.4.6 shall apply (see General Postgraduate Regulations).

## Nature of Study

* + 1. 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

* + 1. 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

* + 1. 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.
    2. 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

* + 1. **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

* + 1. 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.

# 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 General Postgraduate Regulations]

## Admission

* + 1. Regulation 20.4.1 shall apply (see General Postgraduate Regulations).

## Duration of Study

* + 1. Regulations 20.4.5 shall apply (see General Postgraduate Regulations).

Notwithstanding regulation 20.4.6 (see General Postgraduate Regulations), 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

* + 1. The course is available by full-time and part-time study.

## Curriculum

* + 1. 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 MP 967 | Drug Discovery Project and Thesis Pharmaceutical Materials and Formulation Project and Thesis | 5  5 | 120  120 |
| MP 935 | Toxicology Project and Thesis | 5 | 120 |
| **List B** |  |  |  |
| MP 943 | Advanced Techniques in Drug Delivery | 5 | 10 |
| MP979 MP 948 | Advanced Techniques in Drug Discovery Advanced Techniques in Pharmaceutical Materials and Formulation | 5  5 | 10  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  MP 958 | Advanced Topics in Pharmacology Advanced Topics in Pharmaceutical Materials and Formulation | 5  5 | 10  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 MP952 or

MP967, MP948 and MP958

**Drug Discovery:** MP982, MP979 and MP978

***Toxicology*:** MP 9ea, MP977 and MP976

## Examination, Progress and Final Assessment

* + 1. Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.
    2. 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

* + 1. **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

* + 1. A candidate who fails to satisfy the progress or award requirements for the degree of MRes may 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**

**PHARMACY**

## Doctor of Pharmacy Course Regulations

[These regulations are to be read in conjunction with General

Postgraduate Regulations]

## Admission

* + 1. Regulation 20.2.1 shall apply (see General Postgraduate Regulations). 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

* + 1. Notwithstanding Regulation 20.2.4 (see General Postgraduate Regulations), the Board of Study may grant exemption of up to twelve months of full-time study and an equivalent time in part-time study on the basis of professional experience and performance on an appropriate postgraduate Masters course.

## Mode of Study

* + 1. The course is available by full-time and part-time study.

## Place of Study

* + 1. The doctoral research project may take place within Strathclyde or at the place of employment approved by the Board of Study.

## Curriculum First Year

* + 1. 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

* + 1. All students shall undertake a doctoral research project.

## Examination, Progress and Final Assessment

* + 1. Candidates are required to pass classes and to perform to the satisfaction of the Board of Examiners in the taught component of the course.
    2. 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 re-sit should take the form of an examination or an assignment.
    3. 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

* + 1. **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

* + 1. A candidate who fails to satisfy the requirements for the award of the DPharm may be transferred to the MRes in Clinical Pharmacy.

1. The Recognition of Prior Learning Policy is currently in development. Contact the relevant School/Department to apply for exemption from programmes and modules on the basis of prior experiential or accredited learning. [↑](#footnote-ref-1)