General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2013-14

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8/7/2013 Version 2.0

General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2013-14

(Course Regulations 19-30 covering the postgraduate, continuing education and sub-degree courses of the four Faculties)

the place of useful learning
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General Regulations for Graduate Diplomas and other Courses requiring Graduate Entry

For admission to courses in this section of the Calendar, a first degree or equivalent qualification is required. These qualifications are typically for graduates or equivalent, but the outcomes are not of postgraduate level.

The University confers the following awards by the authority of Senate under Ordinances 3 and 5 in accordance with the following Regulation 18.1.

Taught Awards
Graduate Diploma
Professional Graduate Diploma

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 had to the University’s Policy and Procedures for Teaching and Learning and, where appropriate, Course Handbooks. Students should also have regard to the Regulations contained in Part 1 of the University Calendar.
7 In the unlikely event of any conflict between the Regulations and other University publications including Course Handbooks, Regulations take precedence.
18.1 General Regulations for Graduate Diplomas and other Courses Requiring Graduate Entry

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

Admission

18.1.1 Applicants shall normally:
(i) possess a 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.

18.1.2 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.

18.1.3 Applicants who satisfy the provisions of Regulation 18.1.1 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)

18.1.4 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

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

For full-time study
Graduate Diploma 9 months
Professional Graduate Diploma 9 months
**For part-time study**, the minimum period of study shall be the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The overall duration of study will normally be greater than for full-time study.

**Maximum Periods of Study**

18.1.6 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*
- Graduate Diploma: 24 months
- Professional Graduate Diploma: 21 months

*For part-time study*
- Graduate Diploma: 48 months elapsed time
- Professional Graduate Diploma: 36 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**

18.1.7 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**

18.1.8 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**

18.1.9 Each candidate for an award must follow the curriculum as prescribed in the relevant course regulations. This shall be set out in the course regulations and shall indicate which classes are compulsory or optional. The Senate on the recommendation of the relevant Board of Study may amend these from time to time.

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

Where a pass in a particular class is a necessary condition for progress or for an award, this shall be clearly stated in the relevant course regulations. The choice of classes may be subject to constraints of timetabling and may also be influenced by professional requirements as well as by a student’s entrance qualifications or pre-requisite classes passed.
18.1.10 The curriculum may include a design or other project or the submission of a dissertation. 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. The University cannot guarantee that all optional classes will be available in any given academic year.

18.1.11 In accordance with the University Awards Framework in Regulation 18.1.12, individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

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

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<td>Graduate Diploma</td>
<td>120</td>
<td>Graduate entry and 90 credits at Level 4</td>
</tr>
<tr>
<td>Professional Graduate Diploma</td>
<td>minimum 120</td>
<td>Graduate entry and all credits at Level 4</td>
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For the avoidance of doubt, credits at a higher level shall, where necessary, be deemed to satisfy the requirements at a lower level.

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

Dissertation

18.1.13 Where a dissertation is required, a student will normally be expected to have performed satisfactorily 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.

18.1.14 Any dissertation submitted under the provisions of Regulation 18.1.13 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

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

A student 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.

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. 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

18.1.16 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.

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

18.1.18 Classes shall be assessed by
(i) coursework assignments; or
(ii) written examinations; or
(iii) oral examinations; or
(iv) any combination of the above
unless specified otherwise in the relevant Course Handbook.

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

18.1.19 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 where required, in the dissertation or project.

18.1.20 A student who is deemed to have failed an assessment or who has been debarred in terms of Regulation 18.1.15 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.

18.1.21 Notwithstanding Regulation 18.1.20, 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.

18.1.22 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.

18.1.23 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

18.1.24 A student who satisfies the Board of Examiners in a class will be awarded the number of credits for that class.

Progress of Students

18.1.25 Details of any required minimum level of performance to permit a student to progress are shown in individual course regulations hereafter. 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.

18.1.26 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.

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

(i) award of the appropriate diploma or other qualification with distinction;
(ii) award of the appropriate diploma or other qualification with merit;
(iii) award of the appropriate diploma or other qualification;
(iv) progress to subsequent stages of the course;
(v) withholding of the award of the diploma or other qualification pending further study or submission/resubmission of assignments;
(vi) transfer or termination of registration.

Transfer of Registration, Suspension and Withdrawal

18.1.28 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) suspend a student from attendance at classes but require them to undertake assessments in accord with Regulations 18.1.20 – 18.1.23 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
(ii) recommend the award (as appropriate); or
(iii) terminate the student’s registration and require the student to withdraw.

18.1.29 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.

18.1.30 Notwithstanding Regulation 18.1.20, a student who is reported to the relevant Board of Study under Regulation 18.1.15 or Regulation 5.5.5 for persistent non-attendance at classes, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the course.

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

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

18.1.32 A student who has been required to transfer registration or is suspended from attendance at classes or is required to withdraw under the provisions of Regulation 18.1.28 - 18.1.31 may appeal to the relevant Board of Study for reconsideration of the case.

18.1.33 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.

18.1.34 The grounds for appeals under Regulations 18.1.32 and 18.1.33 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 Officer no later than a date specified by the Board of Study and notified in the letter informing the student of the transfer of registration or suspension or requirement to withdraw or the award classification. The appeal shall be supported by appropriate documentary evidence not previously available.

18.1.35 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 Award

18.1.36 A student may be awarded a Graduate Diploma, Professional Graduate Diploma or other award with merit or with distinction.

In reaching their decision, Boards of Examiners shall have regard to a student’s performance against criteria approved by Senate.

Award

18.1.37 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.

18.2 to 18.45 (Numbers not used.)
Course Regulations

Faculty of Engineering

18.46 Department of Electronic and Electrical Engineering

Electronic and Electrical Engineering Systems

Graduate Diploma in Electronic and Electrical Engineering Systems
(Conversion Course)

Course Regulations
[These regulations are to be read in conjunction with Regulation 18.1.]

Admission
18.46.1 Regulation 18.1.1 shall apply.

Duration of Study
18.46.2 Regulations 18.1.5 and 18.1.6 shall apply.

Mode of Study
18.46.3 The courses are available by full-time and part-time study.

Curriculum
18.46.4 All students shall undertake an approved curriculum of no fewer than 150 credits as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 400 Dissertation</td>
<td>4</td>
<td>30</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 120 credits (including at least 60 at Level 3 or above), chosen from classes listed in Regulations 16.46.84, 16.46.85, 16.46.86 and a selection of entrepreneurial and business modules as listed below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>53 202</td>
<td>Statistics for Engineers</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>56 103</td>
<td>Fundamentals of Engineering Management</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>56 201</td>
<td>Fundamentals of E-Business</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>56 205</td>
<td>Facilities Management</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>56 206</td>
<td>Management of Design Process</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>56 304</td>
<td>Engineering Economics</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>56 310</td>
<td>Sales Purchasing and Marketing</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>56 315</td>
<td>Managing People</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>Z1 104</td>
<td>Entrepreneurship: Introduction to Business Start-up</td>
<td>1</td>
<td>10</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
18.46.5 Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Dissertation.
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**

**Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Electronic and Electrical Engineering Systems, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 150 credits with at least 90 credits from Level 4 or above of which 30 must have been awarded in respect of the Dissertation.

**Information Technology Systems**

**Graduate Diploma in Information Technology Systems (Conversion Course)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 18.1.]

**Admission**

Regulation 18.1.1 shall apply.

**Duration of Study**

Regulations 18.1.5 and 18.1.6 shall apply.

**Mode of Study**

The courses are available by full-time and part-time study. Students follow a course of instruction including a dissertation.

**Curriculum**

All students shall undertake an approved curriculum of no fewer than 150 credits as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 400 Dissertation</td>
<td>4</td>
<td>30</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 120 credits (including at least 60 at level 3 or above) chosen from:

<table>
<thead>
<tr>
<th>Optional Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 205 Analogue Electronics</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>19 206 Digital Electronics</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>19 267 Electronic Processing Systems 2</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>19 313 Signals and Systems</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>19 325 Communications</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>19 343 Electronic CAD Project 1</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>19 345 Analogue Electronics 3</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>19 359 Electronic Processing Systems 3</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>19 449 Computer Vision</td>
<td>4</td>
<td>10</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

18.46.15 Regulations 18.1.18 – 18.1.19 shall apply.

Award

18.46.16 **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Information Technology Systems, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits with at least 90 credits from Level 4 or above and obtained a pass in the dissertation.

18.47 to 18.121 (Numbers not used.)
Faculty of Humanities and Social Sciences

Professional Graduate Diploma in Education (Primary)
Professional Graduate Diploma in Education (Secondary)

Course Regulations
[These regulations are to be read in conjunction with Regulation 18.1]

Admission
18.122.1 Regulation 18.1.1 shall apply. In addition, applicants must possess entry qualifications which meet the requirements of the Scottish Government’s “Memorandum on Entry Requirements to Courses of Teacher Education in Scotland (2009)”.
18.122.2 An applicant possessing a qualification deemed appropriate by Senate may undertake elements of the course in the Gaelic Medium.
18.122.3 Applicants will register for either the Professional Graduate Diploma in Education (Primary) or the Professional Graduate Diploma in Education (Secondary in a named subject).
18.122.4 Applicants are normally required to submit to an interview.

Duration of Study
18.122.5 Regulations 18.1.5 and 18.1.6 shall apply.

Mode of Study
18.122.6 The courses are available by full-time and part-time study.

Place of Study
18.122.7 The courses involve placements in schools and other establishments for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.
18.122.8 The courses may be also offered at campuses of the UHI Millennium Institute by distance and blended learning.
18.122.9 The specialisms may be offered at local authority premises by distance and blended learning.

Course Structure
18.122.10 The Professional Graduate Diplomas in Education have a common overall structure where award of qualifications depends upon the pursuance of a named specialisation. Elements of the course may be undertaken in the Gaelic Medium.

The structure of the courses is as follows:
Pedagogy and the Curriculum 40 credits
Pedagogy and Placement Learning 40 credits
Educational Studies 40 credits

Students are entitled, with the approval of the Course Director, to undertake a maximum of 80 credits at Level 5 from their curriculum towards their award of PGDE.

Curriculum: Primary Specialism
18.122.11 All students shall undertake an approved curriculum as follows:
### Curriculum: Primary Specialism in the Gaelic Medium

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9 917 Pedagogy and Placement Learning 1A</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>X9 909 Educational Studies 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or X9 518 Educational Studies 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>and either X9 900 Pedagogy and Curriculum for Primary 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or X9 516 Pedagogy and Curriculum for Primary 2</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

### Curriculum: Secondary Specialism

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9 917 Pedagogy and Placement Learning 1A</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>X9 909 Educational Studies 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or X9 518 Educational Studies 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>and either X9 912 Pedagogy and Curriculum Art and Design 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or X9 519 Pedagogy and Curriculum Art and Design 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>or X9 920 Pedagogy and Curriculum Biology with Science 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or X9 520 Pedagogy and Curriculum Biology with Science 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>Subject</td>
<td>Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td><strong>Business Education</strong></td>
<td>X9 922</td>
<td>Pedagogy and Curriculum Business Education 1</td>
</tr>
<tr>
<td>or X9 521</td>
<td></td>
<td>Pedagogy and Curriculum Business Education 2</td>
</tr>
<tr>
<td><strong>Chemistry with Science</strong></td>
<td>X9 923</td>
<td>Pedagogy and Curriculum Chemistry with Science 1</td>
</tr>
<tr>
<td>or X9 522</td>
<td></td>
<td>Pedagogy and Curriculum Chemistry with Science 2</td>
</tr>
<tr>
<td><strong>Computing</strong></td>
<td>X9 924</td>
<td>Pedagogy and Curriculum Computing 1</td>
</tr>
<tr>
<td>or X9 523</td>
<td></td>
<td>Pedagogy and Curriculum Computing 2</td>
</tr>
<tr>
<td><strong>Drama</strong></td>
<td>X9 926</td>
<td>Pedagogy and Curriculum Drama 1</td>
</tr>
<tr>
<td>or X9 524</td>
<td></td>
<td>Pedagogy and Curriculum Drama 2</td>
</tr>
<tr>
<td><strong>English</strong></td>
<td>X9 928</td>
<td>Pedagogy and Curriculum English 1</td>
</tr>
<tr>
<td>or X9 525</td>
<td></td>
<td>Pedagogy and Curriculum English 2</td>
</tr>
<tr>
<td><strong>Gaelic</strong></td>
<td>X9 929</td>
<td>Pedagogy and Curriculum Gaelic 1</td>
</tr>
<tr>
<td>or X9 526</td>
<td></td>
<td>Pedagogy and Curriculum Gaelic 2</td>
</tr>
<tr>
<td><strong>Geography</strong></td>
<td>X9 930</td>
<td>Pedagogy and Curriculum Geography 1</td>
</tr>
<tr>
<td>or X9 527</td>
<td></td>
<td>Pedagogy and Curriculum Geography 2</td>
</tr>
<tr>
<td><strong>History</strong></td>
<td>X9 931</td>
<td>Pedagogy and Curriculum History 1</td>
</tr>
<tr>
<td>or X9 528</td>
<td></td>
<td>Pedagogy and Curriculum History 2</td>
</tr>
<tr>
<td><strong>Home Economics</strong></td>
<td>X9 933</td>
<td>Pedagogy and Curriculum Home Economics 1</td>
</tr>
<tr>
<td>or X9 529</td>
<td></td>
<td>Pedagogy and Curriculum Home Economics 2</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>X9 934</td>
<td>Pedagogy and Curriculum Mathematics 1</td>
</tr>
<tr>
<td>or X9 530</td>
<td></td>
<td>Pedagogy and Curriculum Mathematics 2</td>
</tr>
<tr>
<td>Modern Languages (French)</td>
<td>X9 935</td>
<td>Pedagogy and Curriculum Modern Languages (French) 1</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>or</td>
<td>X9 531</td>
<td>Pedagogy and Curriculum Modern Languages (French) 2</td>
</tr>
<tr>
<td>Modern Languages (German)</td>
<td>X9 939</td>
<td>Pedagogy and Curriculum Modern Languages (German) 1</td>
</tr>
<tr>
<td>or</td>
<td>X9 532</td>
<td>Pedagogy and Curriculum Modern Languages (German) 2</td>
</tr>
<tr>
<td>Modern Languages (Italian)</td>
<td>X9 940</td>
<td>Pedagogy and Curriculum Modern Languages (Italian) 1</td>
</tr>
<tr>
<td>or</td>
<td>X9 533</td>
<td>Pedagogy and Curriculum Modern Languages (Italian) 2</td>
</tr>
<tr>
<td>Modern Languages (Spanish)</td>
<td>X9 944</td>
<td>Pedagogy and Curriculum Modern Languages (Spanish) 1</td>
</tr>
<tr>
<td>or</td>
<td>X9 534</td>
<td>Pedagogy and Curriculum Modern Languages (Spanish) 2</td>
</tr>
<tr>
<td>Modern Languages (French and German)</td>
<td>X9 700</td>
<td>Pedagogy and Curriculum Modern Languages (French and German) 1</td>
</tr>
<tr>
<td>X9 535</td>
<td>Pedagogy and Curriculum Modern Languages (French and German) 2</td>
<td>5</td>
</tr>
<tr>
<td>Modern Languages (French and Italian)</td>
<td>X9 707</td>
<td>Pedagogy and Curriculum Modern Languages (French and Italian) 1</td>
</tr>
<tr>
<td>or</td>
<td>X9 536</td>
<td>Pedagogy and Curriculum Modern Languages (French and Italian) 2</td>
</tr>
<tr>
<td>Modern Languages (French and Spanish)</td>
<td>X9 748</td>
<td>Pedagogy and Curriculum Modern Languages (French and Spanish) 1</td>
</tr>
<tr>
<td>or</td>
<td>X9 537</td>
<td>Pedagogy and Curriculum Modern Languages (French and Spanish) 2</td>
</tr>
<tr>
<td>Modern Languages (German and French)</td>
<td>X9 749</td>
<td>Pedagogy and Curriculum Modern Languages (German and French) 1</td>
</tr>
<tr>
<td>X9 538</td>
<td>Pedagogy and Curriculum Modern Languages (German and French) 2</td>
<td>5</td>
</tr>
</tbody>
</table>
(German and French) 1
or
X9 538 Pedagogy and Curriculum Modern Languages (German and French) 2
5 40

**Modern Languages (Spanish and French)**
X9 750 Pedagogy and Curriculum Modern Languages (Spanish and French) 1
4 40
or
X9 539 Pedagogy and Curriculum Modern Languages (Spanish and French) 2
5 40

**Modern Studies**
X9 751 Pedagogy and Curriculum Modern Studies 1
4 40
or
X9 540 Pedagogy and Curriculum Modern Studies 2
5 40

**Music**
X9 752 Pedagogy and Curriculum Music 1
4 40
or
X9 541 Pedagogy and Curriculum Music 2
5 40

**Physics with Science**
X9 753 Pedagogy and Curriculum Physics with Science 1
4 40
or
X9 542 Pedagogy and Curriculum Physics with Science 2
5 40

**Physical Education**
X9 754 Pedagogy and Curriculum Physical Education 1
4 40
or
X9 543 Pedagogy and Curriculum Physical Education 2
5 40

**Religious Education**
X9 755 Pedagogy and Curriculum Religious Education 1
4 40
or
X9 544 Pedagogy and Curriculum Religious Education 2B
5 40

**Technological Education**
X9 756 Pedagogy and Curriculum Technological Education 1
4 40
or
X9 545 Pedagogy and Curriculum Technological Education 2B
5 40

**Curriculum: Secondary Specialism in the Gaelic Medium**
18.122.14 All students shall undertake an approved curriculum as follows:

X9 818 Pedagogy and Placement Learning (Gaelic Medium) 1B
4 40
and either
X9 909  Educational Studies 1 4 40
or
X9 518  Educational Studies 2 5 40
together with classes appropriate to the chosen subject specialisation

**Art and Design (Gaelic Medium)**
X9 757  Pedagogy and Curriculum Art and Design (Gaelic Medium) 1 4 40
or
X9 546  Pedagogy and Curriculum Art and Design (Gaelic Medium) 2 5 40

**Biology with Science (Gaelic Medium)**
X9 758  Pedagogy and Curriculum Biology with Science (Gaelic Medium) 1 4 40
or
X9 547  Pedagogy and Curriculum Biology with Science (Gaelic Medium) 2 5 40

**Business Education (Gaelic Medium)**
X9 759  Pedagogy and Curriculum Business Education (Gaelic Medium) 1 4 40
or
X9 548  Pedagogy and Curriculum Business Education (Gaelic Medium) 2 5 40

**Chemistry with Science (Gaelic Medium)**
X9 760  Pedagogy and Curriculum Chemistry with Science (Gaelic Medium) 1 4 20
or
X9 549  Pedagogy and Curriculum Chemistry with Science (Gaelic Medium) 2 5 40

**Computing (Gaelic Medium)**
X9 761  Pedagogy and Curriculum Computing (Gaelic Medium) 1 4 40
or
X9 550  Pedagogy and Curriculum Computing (Gaelic Medium) 2 5 40

**Drama (Gaelic Medium)**
X9 762  Pedagogy and Curriculum Drama (Gaelic Medium) 1 4 40
or
X9 551  Pedagogy and Curriculum Drama (Gaelic Medium) 2 5 40

**Geography (Gaelic Medium)**
X9 763  Pedagogy and Curriculum Geography (Gaelic Medium) 1 4 40
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9 552</td>
<td>Pedagogy and Curriculum Geography (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>History (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 764</td>
<td>Pedagogy and Curriculum History (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 553 Pedagogy and Curriculum History (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Home Economics (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 765</td>
<td>Pedagogy and Curriculum Home Economics (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>and</td>
<td>X9 554 Pedagogy and Curriculum Home Economics (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Mathematics (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 766</td>
<td>Pedagogy and Curriculum Mathematics (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 555 Pedagogy and Curriculum Mathematics (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Modern Languages (French) (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 767</td>
<td>Pedagogy and Curriculum Modern Languages (French) (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 556 Pedagogy and Curriculum Modern Languages (French) (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Modern Languages (German) (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 768</td>
<td>Pedagogy and Curriculum Modern Languages (German) (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 557 Pedagogy and Curriculum Modern Languages (German) (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Modern Languages (Italian) (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 769</td>
<td>Pedagogy and Curriculum Modern Languages (Italian) (Gaelic Medium) 1</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 558 Pedagogy and Curriculum Modern Languages (Italian) (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Modern Languages (Spanish) (Gaelic Medium)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X9 770</td>
<td>Pedagogy and Curriculum Modern Languages (Spanish) (Gaelic Medium) 2</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 559 Pedagogy and Curriculum Modern Languages (Spanish) (Gaelic Medium) 2</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>Course Title</td>
<td>Code</td>
<td>Credits</td>
<td>Hours</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>--------</td>
<td>---------</td>
<td>-------</td>
</tr>
<tr>
<td><strong>Modern Languages (French and German) (Gaelic Medium)</strong></td>
<td>X9 771</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 560</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Modern Languages (French and Italian) (Gaelic Medium)</strong></td>
<td>X9 772</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 561</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Modern Languages (French and Spanish) (Gaelic Medium)</strong></td>
<td>X9 773</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 562</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Modern Languages (German and French) (Gaelic Medium)</strong></td>
<td>X9 774</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 563</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Modern Languages (Spanish and French) (Gaelic Medium)</strong></td>
<td>X9 775</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 564</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Modern Studies (Gaelic Medium)</strong></td>
<td>X9 776</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 565</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Music (Gaelic Medium)</strong></td>
<td>X9 777</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td>X9 566</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td><strong>Physics with Science (Gaelic Medium)</strong></td>
<td>X9 778</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
18.122.15 Notwithstanding the provisions of Regulation 18.1.30, a student who has failed to achieve a satisfactory standard in the assignments may be permitted by the Board of Examiners to have one further attempt to obtain a pass in the outstanding assignments no later than the October of the year following registration on the course.

18.122.16 Notwithstanding the provisions of Regulation 18.1.30, a student who has failed to achieve a satisfactory standard in Placement Experience by the June of the year following registration on the course may be permitted one further period of Placement Experience in order to achieve a satisfactory standard.

18.122.17 Notwithstanding the provisions of Regulation 18.1.20 and as permitted by Regulation 18.1.31, a student who has performed unsatisfactorily at the first assessment for a class at Level 5, may be permitted one further attempt at the class at Level 4.

18.122.18 The final assessment for the award of the Professional Graduate Diploma in Education will be based on performance in Placement Experience, coursework and, if required, an oral examination.

**Award**

18.122.19 In order to qualify for the award of a Professional Graduate Diploma in Education, a candidate must have demonstrated that they have met the Standard for Initial Teacher Education as specified by the General Teaching Council for Scotland and the Scottish Government.

18.122.20 Professional Graduate Diploma in Education (Primary): In order to qualify for the award of Professional Graduate Diploma in Education (Primary), a
candidate must have accumulated no fewer than 120 credits from the course curriculum.

18.122.21 Professional Graduate Diploma in Education (Secondary in a named subject): In order to qualify for the award of Professional Graduate Diploma in Education (Secondary in named subject) a candidate must have accumulated no fewer than 120 credits from the course curriculum including those from classes in the named subject.

18.122.22 to 18.122.30 (Numbers not used)
Education (Adult Literacies)

Professional Graduate Diploma in Education (Adult Literacies)

Course Regulations
[These regulations are to be read in conjunction with Regulation 18.1]

Admission
18.122.31 Applicants are normally required to possess a degree of a United Kingdom university or a qualification deemed to be equivalent by the Senate. In addition, applicants must have a minimum of 2 years experience as Adult Literacies tutors or in an equivalent adult education area and must at the time of the enrolling on course and have a current Adult Literacies post (voluntary, part-time, sessional or full-time).

Duration of Study
18.122.32 Regulations 18.1.4 and 18.1.5 shall apply. The normal duration of study will be 18 months.

Place of Study
18.122.33 The course will involve work-based learning and study time based at Strathclyde divided between learning centre work in groups and participating in the virtual learning environment (distance learning).

Mode of Study
18.122.34 The course is available by part-time study only.

Curriculum
18.122.35 All students shall undertake classes amounting to no fewer than 120 credits as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 868 Making Mental Models of Literacies and Learning 2</td>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>X7 869 The Enabling Net of Support for Literacies Learners 2</td>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>X7 870 Expanding our Repertoire of Literacies Teaching and Learning Strategies 2</td>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>X7 871 Learning Worlds and Literacies 2</td>
<td>4</td>
<td>30</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
18.123.36 Regulations 18.1.19 and 18.1.20 shall apply.
18.123.37 The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award
18.122.38 Professional Graduate Diploma: In order to qualify for the award of the Professional Graduate Diploma in Education (Adult Literacies), a candidate must have accumulated no fewer than 120 credits from the course curriculum.
Graduate Diploma in English Studies

Course Regulations
[These regulations are to be read in conjunction with Regulation 18.1]

Admission
18.123.1 Notwithstanding Regulation 18.1.1, applicants shall normally possess
(i) a degree, in a discipline other than English Literature, of a United
Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be the equivalent of (i) above.

Duration of Study
18.123.2 Regulations 18.1.5 and 18.1.6 shall apply.

Mode of Study
18.123.3 The course is available by full-time and part-time study.

Curriculum
18.123.4 All students shall undertake an approved curriculum comprising no fewer
than 120 credits as follows:

Compulsory Class Level Credits
ES 400 Dissertation 4 30

Optional Classes
No fewer than 90 credits chosen from the Level 4 optional classes available
in Regulation 15.60.55.

Examination, Progress and Final Assessment
18.123.5 Candidates are required to pass written examinations and to perform
satisfactorily in the course work and in the Dissertation.
18.123.6 Candidates who fail to satisfy the examiners in any class shall be permitted
one further attempt to pass the relevant class(es) normally in the same
academic year.
18.123.7 Progress between semesters, and where appropriate between years, may
be dependent on satisfactory performance in the earlier part of the course.
18.123.8 The final assessment will be based on performance in the examinations,
coursework, the dissertation and, if required, in an oral examination.

Award
18.123.9 Graduate Diploma in English Studies: In order to qualify for the award of
the Graduate Diploma in English Studies, a candidate must have performed
to the satisfaction of the Board of Examiners and must have accumulated no
fewer than 120 credits of which 30 must have been awarded in respect of
the Dissertation.
18.123.10 Graduate Diploma in English Studies with distinction: A candidate who
satisfies the requirements of the regulations governing the award of the
Graduate Diploma and who has, in the opinion of the Board of Examiners
and according to prescribed criteria, attained a high level of overall
performance in the coursework, may be awarded the Graduate Diploma in English Studies with distinction.

**English Language Teaching Division**

*The Graduate Diploma in English for Postgraduate Study is frequently a precursor to a postgraduate programme leading to admission to a Master’s or doctoral degree.*

**Graduate Diploma in English for Postgraduate Study**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 18.1]

**Admission**

18.123.11 Regulation 18.1 shall apply.

**Duration of Study**

18.123.12 Regulations 18.1.5 and 18.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

18.123.14 All students shall undertake an approved curriculum comprising no fewer than 120 credits as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF 401 English Language Skills</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>AF 402 Reading and Writing Skills</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>AF 403 English for Academic Purposes</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>AF 404 Effective Study Skills</td>
<td>4</td>
<td>10</td>
</tr>
</tbody>
</table>

Unit 2

| AF 405 Academic Listening/Academic Reading | 4 | 10 |
| AF 406 Academic Writing | 4 | 10 |
| AF 407 Study Skills for Postgraduate Study | 4 | 10 |
| AF 413 Speaking and Listening in Specific Academic Contexts | 4 | 10 |

Unit 3

| AF 408 British Life and Institutions | 4 | 10 |
| AF 411 Academic Speaking | 4 | 10 |
| AF 412 Postgraduate Study Project | 4 | 10 |
| AF 414 Integrated EAP Skills | 4 | 10 |

**Examination, Progress and Final Assessment**

18.123.15 Candidates are required to pass oral and written examinations and to perform satisfactorily in the coursework assignments set and in an extended project.

18.123.16 Progress between units may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
The final overall assessment will be based on the aggregated results achieved in each of the 12 classes.

**Award**

**Graduate Diploma in English for Postgraduate Study:** In order to qualify for the award of the Graduate Diploma in English for Postgraduate Study, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits.

(Numbers not used)
Postgraduate Study

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 had to the University’s Policy and Procedures for Teaching and Learning and, where appropriate, Course Handbooks. Students shall also have regard to the Regulations contained in Part 1 of the University Calendar.
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 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.

**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:
<table>
<thead>
<tr>
<th>Award</th>
<th>Credit Requirements</th>
<th>Minimum Level Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postgraduate Certificate</td>
<td>60</td>
<td>50 credits at Level 5</td>
</tr>
<tr>
<td>Postgraduate Diploma</td>
<td>120</td>
<td>100 credits at Level 5</td>
</tr>
<tr>
<td>Masters Degree</td>
<td>180</td>
<td>150 credits at Level 5</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Progression</th>
<th>Minimum Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>First – Second Year</td>
<td>90</td>
</tr>
</tbody>
</table>

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 required to transfer registration or is suspended from attendance at classes or is required to withdraw 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:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Composite Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinction</td>
<td>70 -100</td>
</tr>
<tr>
<td>Merit</td>
<td>60 – 69</td>
</tr>
<tr>
<td>Award</td>
<td>50 – 59</td>
</tr>
</tbody>
</table>

Award

19.1.50 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general and course regulations will, on payment of the required fees, be entitled to receive the appropriate award. To qualify for the award, a candidate must have obtained passes in classes at all levels of the curriculum as specified in the course regulations. The candidate will receive a parchment setting forth the course of study in which the award has been granted and, if appropriate, the classification in which the candidate has been placed.
19.1.51 A candidate on a course that has multiple exit points (e.g. Postgraduate Certificate, Postgraduate Diploma and degree of Master) may only retain one of the possible awards.

19.1.52 Notwithstanding the provision of 19.1.50 where such a course of study is undertaken on a part-time basis over a period of more than three years, Senate may approve interim awards that may be retained provided that such awards relate to separately named courses governed by distinct course regulations.

19.2 to 19.11 (Numbers not used.)
Faculty of Science

19.12 Department of Chemistry, Pure and Applied

Forensic Science

MSc in Forensic Science
Postgraduate Diploma in Forensic Science
Postgraduate Certificate in Forensic Science

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

Admission

19.12.1 Notwithstanding Regulation 19.1.1, applicants shall
(i) possess a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above. In addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.

Duration of Study

19.12.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of study

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

Place of Study

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

Curriculum

19.12.5 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 933</td>
<td>Essentials of Forensic Science 1*</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>FS 934</td>
<td>Essentials of Forensic Science 2*</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 905</td>
<td>Essentials of Forensic Science: Practical*</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>FS 906</td>
<td>Practical Crime Scene and Court Exercise</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
* These classes may be assessed conjointly.

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 909 Specialist Topics in Forensic Science* 5 30
FS 910 Practical Examination in Optional Class* 5 20

* These classes may be assessed conjointly but passed/failed separately.

Students for the degree of MSc only:
99 900 Dissertation 5 60

Examination, Progress and Final Assessment

19.12.7 The final assessment will be based on performance in the examinations and coursework together with the dissertation where undertaken and, if required, an oral examination.

Award

19.12.8 Degree of MSc: In order to qualify for the degree of MSc in Forensic Science, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
19.12.9 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Forensic Science, a candidate must have accumulated no fewer than 120 credits from the course curriculum.
19.12.10 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Forensic Science, a candidate must have accumulated no fewer than 60 credits from the course curriculum including at least 30 credits from a theory component.
19.12.11 to 19.12.20 (Numbers not used.)

Forensic Science Studies

MSc in Forensic Science Studies
Postgraduate Diploma in Forensic Science Studies

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

Admission

19.12.21 Notwithstanding Regulation 19.1.1, applicants shall
(i) possess a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above. In addition, applicants applying in terms of (iii) above should possess appropriate formal education in Chemistry.
Duration of Study
19.12.22 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.12.24 All students shall undertake an approved curriculum as follows:

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

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

Compulsory Classes Level Credits
99 908 Basic Forensic Science 5 60

Optional Classes Level Credits
No fewer than 60 credits from:
99 905 Forensic Molecular Biology 5 40
99 906 Forensic Analytical Chemistry 5 40
99 907 Specialist Topics 5 20
Such other classes as may be approved by the Course Director

Students for the degree of MSc only:
99 900 Dissertation 5 60

Examination, Progress and Final Assessment
19.12.26 Candidates for the degree of MSc will normally be expected to perform satisfactorily on the taught components of the course and in the dissertation before being permitted to proceed to the final oral and practical examinations.
19.12.27 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award
19.12.28 Degree of MSc: In order to qualify for the award of the degree of MSc in Forensic Science Studies, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation and have satisfied the Board of Examiners in respect of the final oral and practical examinations.
19.12.29 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Forensic Science Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.12.30 (Number not used)
Forensic Science (Distance Learning)

MSc in Forensic Science (Distance Learning)
Postgraduate Diploma in Forensic Science (Distance Learning)
Postgraduate Certificate in Principles of Forensic Science
Postgraduate Certificate in Specialist Aspects of Forensic Science
Postgraduate Certificate in Forensic Science Research

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

Admission

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

19.12.32 Notwithstanding Regulation 19.1.1, applicants shall normally
(i) possess a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

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

19.12.31 Duration of Study
Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

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

Place of Study

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

Curriculum

Structure

19.12.34 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate in Principles of Forensic Science – 60 credits

Compulsory Classes Level Credits
FS 933 Essentials of Forensic Science 1 5 10
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 934</td>
<td>Essentials of Forensic Science 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>FS 972</td>
<td>Essentials of Forensic Science: Computer Based Experiments</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 973</td>
<td>Case Investigation Exercise</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 974</td>
<td>Fingerprints</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

for the Postgraduate Certificate in Specialist Aspects of Forensic Science – 60 credits

**Compulsory Classes**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 979</td>
<td>Computer Based Experiments</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 975</td>
<td>Laboratory Based Experiments</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 976</td>
<td>Research Methods I</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

**Optional Classes**

Either

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 935</td>
<td>Forensic Biology 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 936</td>
<td>Forensic Biology 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 937</td>
<td>Forensic Chemistry 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 938</td>
<td>Forensic Chemistry 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

for the Postgraduate Certificate in Forensic Science Research – 60 credits

**Compulsory Classes**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 977</td>
<td>Research Project (including Research Methods 2)</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

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

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

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

**Examination, Progress and Final Assessment**


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

19.12.37 The final assessment will be based upon performance in the examinations, coursework and project where undertaken and, if required, in an oral examination.

**Award**

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

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

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

19.12.41 to 19.12.65 (numbers not used)

**Pure and Applied Chemistry**

**Medicinal Chemistry**

**MSc in Medicinal Chemistry**
**Postgraduate Diploma in Medicinal Chemistry**
**Postgraduate Certificate in Medicinal Chemistry**

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

**Admission**

19.12.66 Regulation 19.1.1 shall apply subject to the following requirement. Applicants shall
(i) possess a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate Science); or
(ii) possess a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; or
(iii) be deemed, by the Course Director acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

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

**Duration of Study**

19.12.67 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**

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

**Curriculum**

19.12.69 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
Compulsory Classes | Level | Credits
--- | --- | ---
CH 9xx | Modern Techniques in Organic Synthesis | 5 | 20
CH 9yy | Co-factors and Biomolecule Analysis | 5 | 20
CH 9zz | Advanced Medicinal Chemistry | 5 | 20
BM 907 | Advanced Biochemical Methods | 5 | 20
MP 921 | Chromatographic and Bioanalytical Methods | 5 | 20
MP 931 | Generic Research Skills | 5 | 20

In addition, students for the degree of MSc only:
CH 9aa | Research Project | 5 | 60

**Examination, Progress and Final Assessment**

19.12.70 Regulations 19.1.25 to 19.1.33 shall apply.
The final assessment will be based on performance in the examinations, coursework and the project where undertaken.

**Award**

19.12.71 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Medicinal Chemistry, a candidate must normally have accumulated no fewer than 180 credits from the course curriculum, of which 60 must have been awarded in respect of the research project and dissertation.

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

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

19.12.74 to 19.12.99 (numbers not used)
Department of Computer and Information Sciences
(See also Regulation 19.30)

Information and Library Studies

MSc in Information and Library Studies
Postgraduate Diploma in Information and Library Studies
Postgraduate Certificate in Information and Library Studies

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

Admission
19.13.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.13.2 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.13.4 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 954</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 955</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CS 957</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CS 959</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 960</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 961</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 962</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 958</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.13.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.13.6 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

Award
19.13.7 Degree of MSc: In order to qualify for the award of the degree of MSc in Information and Library Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project.
19.13.8 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Information and Library Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

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

19.13.10 to 19.13.24 (Numbers not used)

**Information Management**

**MSc in Information Management**
**Postgraduate Diploma in Information Management**
**Postgraduate Certificate in Information Management**

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

**Admission**
19.13.25 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**
19.13.26 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**
19.13.27 The courses are available by full-time study only.

**Curriculum**
19.13.28 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Information Systems Architecture</th>
<th>5</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 951</td>
<td>Database and Web Systems Development</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 952</td>
<td>Service Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 953</td>
<td>Information Retrieval and Access</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 954</td>
<td>Information Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CS 955</td>
<td>Business Analytics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 956</td>
<td>Research Methods</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

| Classes     | Project                              | 5 | 60 |

**Examination, Progress and Final Assessment**
19.13.30 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.13.31 **Degree of MSc:** 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.

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

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

19.13.34 to 19.13.90 (Numbers not used)

**Advanced Computer Science**

MSc in Advanced Computer Science  
MSc in Advanced Software Engineering  
MSc in Enterprise Information Systems  
MSc in Mobile Computing

Postgraduate Diploma in Advanced Computer Science  
Postgraduate Certificate in Advanced Computer Science

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

**Admission**

19.13.91 Regulation 19.1.1 shall apply subject to the following requirements. Applicants shall possess

(i) a first or second class Honours degree from a United Kingdom university (in Computer Science or a closely related subject); or

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

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

**Duration of Study**

19.13.92 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.13.94 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project
Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 957</td>
<td>Research Methods</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CS 969</td>
<td>Personal Study</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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 from level 4 chosen from the classes listed in this Regulation.

Advanced Software Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 547</td>
<td>Advanced Topics in Software Engineering</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 548</td>
<td>Designing Usable Systems</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 549</td>
<td>Distributed Information Systems</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 551</td>
<td>Mobile Software Applications</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 409</td>
<td>Software Architecture and Design</td>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>

Enterprise Information Systems

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 549</td>
<td>Distributed Information Systems</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 951</td>
<td>Information Systems Architecture</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 953</td>
<td>Service Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 954</td>
<td>Information Retrieval and Access</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 956</td>
<td>Business Analytics</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Mobile Computing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 548</td>
<td>Designing Usable Systems</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 549</td>
<td>Distributed Information Systems</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 551</td>
<td>Mobile Software and Applications</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 965</td>
<td>Computer Security</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 413</td>
<td>Embedded Systems</td>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 958</td>
<td>Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.13.95 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

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

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

19.14.1 to
19.14.99 (Numbers not used)

19.15  Department of Mathematics and Statistics

Mathematics and Statistics

MSc in Mathematical Sciences
Postgraduate Diploma in Mathematical Sciences
Postgraduate Certificate in Mathematical Sciences

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

Admission
19.15.1 Regulation 19.1.1 shall apply subject to the following requirements. Applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in Mathematics or a closely related subject); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Mode of Study
19.15.2 The courses are available by full-time and part-time study.

Curriculum
19.15.3 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.

Optional Classes

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fewer than 60 credits chosen from List A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>List A*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MM 552</td>
<td>Applied Analysis and PDEs 1</td>
<td>5</td>
</tr>
<tr>
<td>MM 554</td>
<td>Applied Mathematics Methods 1</td>
<td>5</td>
</tr>
<tr>
<td>MM 556</td>
<td>Mathematical Models 1</td>
<td>5</td>
</tr>
<tr>
<td>MM 558</td>
<td>Pure Analysis 1</td>
<td>5</td>
</tr>
<tr>
<td>MM 560</td>
<td>Statistics 1</td>
<td>5</td>
</tr>
<tr>
<td>MM 562</td>
<td>Probability 1</td>
<td>5</td>
</tr>
<tr>
<td>List B*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MM 553</td>
<td>Applied Analysis and PDEs 2</td>
<td>5</td>
</tr>
<tr>
<td>MM 555</td>
<td>Applied Mathematics Methods 2</td>
<td>5</td>
</tr>
<tr>
<td>MM 557</td>
<td>Mathematical Models 2</td>
<td>5</td>
</tr>
<tr>
<td>MM 559</td>
<td>Pure Analysis 2</td>
<td>5</td>
</tr>
</tbody>
</table>
MM 561  Statistics 2  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.

Students for the degree of Postgraduate Diploma and MSc only in addition
shall undertake a further 60 credits chosen from the lists above of which at
least 45 credits shall be chosen from List B.

**Students for the degree of MSc only:**
MM 550  MSc Project  5  60

**Examination, Progress and Final Assessment**
19.15.4 Regulations 19.1.25 – 19.1.33 shall apply.
19.15.5 The final assessment will be based on performance in the examinations,
coursework, the Project where undertaken and, if required, in an oral
examination.

**Award**
19.15.6 **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.
19.15.7 **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.
19.15.8 **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.

**Transfer**
19.15.9 A candidate who has performed in the taught classes at the level specified
for the degree of MRes in Mathematical Sciences may be considered for
transfer to the MRes, subject to the approval of the Board of Study, acting on
behalf of Senate, and on the recommendation of the Course Director.

**MSc in Quantitative Finance**
**Postgraduate Diploma in Quantitative Finance**
**Postgraduate Certificate in Quantitative Finance**

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

**Admission**
19.15.10 Regulations 19.1.1 and 19.1.2 shall apply

**Duration of Study**
19.15.11 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**
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 three research reports or a dissertation

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 910</td>
<td>Principles of Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG 912</td>
<td>International Financial Markets and Banking</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MM 907</td>
<td>Foundations of Mathematical and Statistical Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS 9aa</td>
<td>Foundations of Computational Science</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

List A
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 916</td>
<td>Behavioural Finance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG 918</td>
<td>Security Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG 924</td>
<td>Portfolio Theory and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG 925</td>
<td>Derivatives and Treasury Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List B
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM 9bb</td>
<td>Financial Game Theory and Network Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MM 905</td>
<td>Financial Econometrics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MM 904</td>
<td>Financial Stochastic Processes</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List C
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS XXX</td>
<td>Evolutionary Computation For Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS952</td>
<td>Database and Web Systems Development</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CS956</td>
<td>Business Analytics</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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:

Either

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM 9ff</td>
<td>Quantitative Research Projects</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>MM 9ee</td>
<td>Dissertation</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

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

**Award**

**Degree of MSc:** In order to qualify for the award of the degree of the MSc in Quantitative Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of either the dissertation or the research projects.

**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.

**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.
Advanced Physics

Postgraduate Diploma in Advanced Physics

Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]
[Note: the Postgraduate Diploma in Advanced Physics is not currently offered]

Admission
19.17.10 Regulation 19.1.1 shall apply subject to the following requirements. Applicants shall possess
(i) a degree from a United Kingdom university (in Physics or a closely related subject); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

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

Curriculum
19.17.12 Students will follow a specialisation of one or a combination of two of the following:
(i) Laser Physics, Optical Sciences and Technologies
(ii) Atomic, Molecular and Plasma Physics
(iii) Semiconductor and Solid State Physics
(iv) Computational Physics and Software Engineering

All students shall undertake an approved curriculum as follows:

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

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 901</td>
<td>Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>12 902</td>
<td>Advanced Topics in Physics</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

Optional Classes*
No fewer than 50 credits of which at least 20 credits shall be from each of Lists A and B.

List A
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 903</td>
<td>Research Assessment Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>12 904</td>
<td>Research Skills 1</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
List B
12 905 Research Skills 2 5 10
12 906 Physics in Society 5 10
12 907 Communicating Physics 5 10
12 908 Managing Technological Innovation 5 10
Z1 903 Commercialisation of Technology (Entrepreneurship) 5 10

* Additional classes may be selected, or required by the Course Director, to complete the student's curriculum. These classes will be taken from an approved list.

Examination, Progress and Final Assessment
19.17.14 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.

Award
19.17.15 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Advanced Physics, a candidate must normally have accumulated no fewer than 120 credits, of which 40 must have been awarded in respect of the project.

Transfer
19.17.16 A candidate for the Postgraduate Diploma who has performed at the level specified for the degree of MRes in Physics may be considered for transfer to the MRes subject to the approval of the Board of Study, acting on behalf of Senate, and on the recommendation of the Board of Examiners.
19.17.17 to 19.17.30 (Numbers not used)

High Power RF Science and Engineering

MSc in High Power RF Science and Engineering
Postgraduate Diploma in High Power RF Science and Engineering
Postgraduate Certificate in High Power RF Science and Engineering

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

Admission
19.17.31 Notwithstanding Regulation 19.1.1, applicants shall possess either
(i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience. Applicants may be required to submit to an interview.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Place of Study**

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

**Mode of Study**

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

**Curriculum**

19.17.34 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 951 Project Training</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 970 Advanced Electromagnatism and Dynamics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 971 HPRF Physical Processes and Material Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 972 HPRF Passive Devices</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 973 HPRF Active Devices</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 974 Professional Skills</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

* Subject to the approval of the Course Director, students may substitute a maximum of 20 credits with other Level 5 postgraduate classes.

Students for the degree of MSc:

| PH 952 Project | 5 | 60 |

**Examination, Progress and Final Assessment**

19.17.35 Regulations 19.1.25 – 19.1.33 shall apply.

19.17.36 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.

**Award**

19.17.37 **Degree of MSc:** In order to qualify for the award of the degree of MSc in High Power RF Science and Engineering, a candidate must have accumulated no fewer than 180 credits of which 90 must have been awarded in respect of the project PH 952.

19.17.38 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in High Power RF Science and Engineering, a candidate must have accumulated no fewer than 120 credits from the classes of the course.

19.17.39 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in High Power RF Science and Engineering, a candidate must have accumulated no fewer than 60 credits from the classes of the course.

19.17.40 (Number not used)

**Nanoscience**

**MSc in Nanoscience**

**Postgraduate Diploma in Nanoscience**

**Postgraduate Certificate in Nanoscience**
Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]

Admission
19.17.41 Notwithstanding Regulation 19.1.1, applicants shall possess either
(i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
Applicants may be required to attend an interview.

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

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

Curriculum
19.17.44 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 950 Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 953 Introductory Nanoscience</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 955 Advanced Nanoscience 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 956 Advanced Nanoscience 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CH 907 Advanced Nanoscience 3</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>either</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PH 954 Physics Conversion Course</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH 906 Chemistry Conversion Course</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>* Subject to the approval of the Course Director, students may substitute a maximum of two Level 5 classes with other Level 5 classes.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

| PH 952 Project | 5 | 60 |

Examination, Progress and Final Assessment
19.17.45 Regulations 19.1.25 – 19.1.33 shall apply.
19.17.46 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.

Award
19.17.47 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Nanoscience, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project.
19.17.48 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Nanoscience, a candidate must have accumulated no fewer than 120 credits from the classes of the course.

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

19.17.50 (Number not used)

### Optical Technologies

**MSc in Optical Technologies**

**Postgraduate Diploma in Optical Technologies**

**Postgraduate Certificate in Optical Technologies**

#### Course Regulations

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

#### Admission

19.17.51 Notwithstanding Regulation 19.1.1, applicants shall possess either

(i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or

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

Applicants may be required to attend an interview.

#### Place of Study

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

#### Mode of Study

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

#### Curriculum

19.17.54 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 950 Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 951 Project Training</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 953 Introductory Nanoscience</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 954 Advanced Nanoscience 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 957 Topics in Photonics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 958 Optical Design</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 959 Experimental Quantum and Atom Optics</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
PH 960 Advanced Topics in Photonics 5 20
PH 961 Device Microfabrication-Principle and Practice 5 20
PH 962 Photonic materials and devices 5 20
PH 963 Advanced Photonic Devices and Applications 5 20
EE 9XA Optical Communication 5 20

Such other Level 5 classes as may be approved by the Adviser of Study.

Students for the degree of MSc only:
PH 952 Project 5 60

Examination, Progress and Final Assessment

19.17.56 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.

Award

19.17.57 Degree of MSc: In order to qualify for the award of the degree of MSc in Optical Technologies, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project.
19.17.58 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Optical Technologies, a candidate must have accumulated no fewer than 120 credits from the classes of the course.
19.17.59 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Optical Technologies, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.17.60 (Number not used)
Photonics and Device Microfabrication

MSc in Photonics and Device Microfabrication
Postgraduate Diploma in Photonics and Device Microfabrication
Postgraduate Certificate in Photonics and Device Microfabrication

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

Admission
19.17.61 Notwithstanding Regulation 19.1.1, applicants shall possess either
(i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
Applicants may be required to attend an interview.

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

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

Curriculum
19.17.64 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project

<table>
<thead>
<tr>
<th>Compulsory Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 950 Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 951 Project Training</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 957 Topics in Photonics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 961 Device Microfabrication-Principle and Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 962 Photonic Materials and Devices</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 963 Advanced Photonic Devices and Applications</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

| PH 952 Project                      | 5     | 60      |

Examination, Progress and Final Assessment
19.17.65 Regulations 19.1.25 – 19.1.33 shall apply.
19.17.66 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.
Award

Degree of MSc: In order to qualify for the award of the degree of MSc in Photonics and Device Microfabrication, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project.

Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Photonics and Device Microfabrication, a candidate must have accumulated no fewer than 120 credits from the classes of the course.

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

Quantum Information and Coherence

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

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

Admission

Notwithstanding Regulation 19.1.1, applicants shall possess either
(i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.

Applicants may be required to attend an interview.

Place of Study

Some individual research projects may require off-campus work.

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 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*

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 950</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>PH 951</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
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 20 credits chosen from
PH 953 Introductory Nanoscience 5 20
PH 954 Advanced Nanoscience 1 5 20
PH 957 Topics in Photonics 5 20
PH 958 Optical Design 5 20
PH 960 Advanced Topics in Photonics 5 20
Such other classes Level 5 as may be approved by the Course Director.

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

For MSc Candidates only
PH 952 Project 5 60

Examination, Progress and Final Assessment
19.17.75 Regulations 19.1.25 – 19.1.33 shall apply.
19.17.76 The final assessment will be based on performance in the examinations, coursework, the project and, if required, in an oral examination.

Award
19.17.77 Degree of MSc: In order to qualify for the award of the degree of MSc in Quantum Information and Coherence, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project.
19.17.78 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Quantum Information and Coherence, a candidate must have accumulated no fewer than 120 credits from the classes of the course.
19.17.79 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Quantum Information and Coherence, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
Applications of Next Generation Accelerators

MSc in Applications of Next Generation Accelerators
Postgraduate Diploma in Applications of Next Generation Accelerators
Postgraduate Certificate in Applications of Next Generation Accelerators

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

This degree is part of a collaborative EPSRC initiative comprising the University of Strathclyde, the University of Huddersfield, the Queen’s University Belfast and the University of Surrey with additional teaching provided by the Scottish Universities Physics Alliance and The Cockcroft Institute at Daresbury. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University. It is assumed that all classes offered by the external partners have been through the appropriate QAA processes.

Admission
19.17.80 Students will normally have been admitted in the first instance to the degree of PhD in Applications of Next Generation Accelerators.

Duration of Study
19.17.81 Regulations 19.1.5 and 19.1.6 shall apply.

Nature of Study
19.17.82 The course is available by full-time study only.

Curriculum
19.17.83 All students shall undertake an approved curriculum of at least 180 credits comprising classes offered by Strathclyde and the partner institutions as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 9xa Group Project</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>PH 9xb Individual Project</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>PH 9xc Accelerators</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Offered by Huddersfield, Queen’s University Belfast and Surrey
Biomedical Accelerator Applications 15
Energy & Security Applications 15
Research Skills 1 15
Research Skills 2 15
Radiation Physics 15
Radiation Biology 15
Cockcroft Lectures 10

Optional Classes
No fewer than 15 credits chosen from the classes offered by members of the Centre for Doctoral Training:

**Strathclyde**
- PH 9xe Plasma Physics A 5
- PH 9xf Laser Driven Plasma Accelerators 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

**Examination, Progress and Final Assessment**

19.17.84 Regulations 19.1.19, 19.1.20 and 19.1.27 shall apply.

19.17.85 The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

**Award**

19.17.86 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Applications of Next Generation Accelerators, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits.

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

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

19.17.89 to 19.21 (Numbers not used)
Analysis of Medicines

MSc in the Analysis of Medicines
Postgraduate Diploma in the Analysis of Medicines
Postgraduate Certificate in the Analysis of Medicines

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

Admission
19.22.1 Regulation 19.1.1 shall apply.

Duration of Study
19.22.2 Regulation 19.1.5 shall apply.

Notwithstanding regulation 19.1.6, the maximum period of study shall be

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

Nature and Mode of Study
19.22.3 The courses are available by part time distance learning only.

Curriculum
19.22.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma and degree of MSc – no fewer than 120 credits

In accordance with Regulation 19.1.4 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment of Recognized Prior Learning. The total value of exemption shall not normally exceed 20 credits for the Postgraduate Certificate or 40 credits for the Postgraduate Diploma and MSc.

Compulsory Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 983</td>
<td>Chemical and Spectrophotometric Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 984</td>
<td>Introduction to Separation Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 985</td>
<td>Structure Elucidation Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 986</td>
<td>Advanced Separation Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 999</td>
<td>Validation, quality management and control</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 987</td>
<td>Bioanalytical Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

In addition, students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 922</td>
<td>Research Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.22.5 Regulations 19.1.25 to 19.1.34 shall apply.
19.22.6 Progression will be based on satisfactory completion of coursework. The final assessment will be based on performance in the examinations, coursework, and the project where undertaken.

Award

19.22.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in the Analysis of Medicines, 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 research project and dissertation.

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

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

19.22.10 to 19.22.20 (Numbers not used)
Clinical Pharmacy

MSc in Clinical Pharmacy
Postgraduate Diploma in Clinical Pharmacy
Postgraduate Certificate in Clinical Pharmacy

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

Admission
19.22.21 Regulation 19.1.1 shall apply subject to the following requirements. Applicants shall possess
(i) a degree in pharmacy from a United Kingdom university or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
19.22.22 Regulations 19.1.4 and 19.1.5 shall apply.

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

Curriculum
19.22.24 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 923</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 924</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 925</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 926</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 927</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 928</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 929</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

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

**Award**

**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.

**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.

**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.

**Pharmaceutical Analysis**

**MSc in Pharmaceutical Analysis**
**Postgraduate Diploma in Pharmaceutical Analysis**
**Postgraduate Certificate in Pharmaceutical Analysis**

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

**Admission**

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

(i) possess a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate Science); or

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

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

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

**Duration of Study**

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**

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

19.22.64 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 916 Spectrophotometric and Spectroscopic Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 917 Chromatography : Principles, Application and Method Development</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 918 Chemical and Spectroscopic Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 919 Bioanalysis, Biotechnology and Quality Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 920 Chemical and Statistical Analysis: Principles and Application</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 921 Chromatographic and Bioanalytical Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only

| MP 922 Pharmaceutical Analysis: Project                 | 5     | 60      |

Examination, Progress and Final Assessment

19.22.65 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

19.22.68 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Analysis, a candidate must have accumulated no fewer than 120 credits from the classes listed in Regulation 19.11.64.

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

Transfer

19.22.70 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.

19.22.71 to 19.22.80 (Numbers not used)
Pharmaceutical Quality and Good Manufacturing Practice

MSc in Pharmaceutical Quality and Good Manufacturing Practice
Postgraduate Diploma in Pharmaceutical Quality and Good Manufacturing Practice
Postgraduate Certificate in Pharmaceutical Quality and Good Manufacturing Practice

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

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

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

Duration of Study
19.22.82 Regulations 19.1.5 and 19.1.6 shall apply.

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

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

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

Curriculum
19.22.85 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 971</td>
<td>Pharmaceutical Quality and Good Manufacturing Practice (Part 1A)</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>MP 973</td>
<td>Pharmaceutical Quality and Good Manufacturing Practice (Part 1B)</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 972</td>
<td>Pharmaceutical Quality and Good Manufacturing Practice</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.22.86 Regulations 19.1.25 – 19.1.33 shall apply.
19.22.87 Notwithstanding Regulation 19.1.20, a candidate who fails to satisfy the Board of Examiners in respect of any aspect of assessment of a class at the first diet of examinations may, at the discretion of the Board of Examiners, normally be permitted one further attempt to pass the relevant aspect of assessment of the class.
19.22.88 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

Award

19.22.89 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project.

19.22.90 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.22.91 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Pharmaceutical Quality and Good Manufacturing Practice, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.22.92 to 19.22.100 (Numbers not used)
Biomedical Sciences

MSc in Biomedical Sciences
Postgraduate Diploma in Biomedical Sciences
Postgraduate Certificate in Biomedical Sciences

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
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

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

Curriculum

19.22.104 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 a project

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931</td>
<td>Generic Biomedical And Pharmaceutical Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM 903</td>
<td>Practice and Application of Biomedical Sciences</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

Students for the Postgraduate Certificate in Biomedical Sciences shall undertake, in addition, no fewer than 20 credits from either List A or List B.

Students for the degree of MSc and Postgraduate Diploma in Biomedical Sciences shall undertake, in addition, no fewer than 40 credits from List A and at least 40 credits from List B.
List A

BM 907  Advanced Biomedical Methods 1  5  20
BM 914  Advanced Biomedical Methods 2  5  20

List B

BM 904  Advanced Biomedical Topics 1  5  20
BM 905  Advanced Biomedical Topics 2  5  20

Students for the degree of MSc only

BM 906  Biomedical Sciences Project  5  60

Examination, Progress and Final Assessment

19.22.106 The final assessment will be based on performance in the written examinations, the coursework, and, if required, an oral examination.

Award

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

19.22.110 to 19.22.120 (Numbers not used)
Biotechnology

MSc in Biotechnology
Postgraduate Diploma in Biotechnology
Postgraduate Certificate in Biotechnology

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

Admission
19.22.121 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study
19.22.122 Regulations 19.1.5 shall apply.

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

For full-time study
Masters by full-time study 24 months
PG Diploma by full-time study 18 months
PG Certificate by full-time study 12 months

For part-time study
Masters by part-time study 48 months elapsed time
PG Diploma by part-time study 36 months elapsed time
PG Certificate by part-time study 24 months elapsed time

Mode of Study
19.22.123 The course is available by full-time and part-time study.

Curriculum
19.22.124 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generic Biomedical And Pharmaceutical Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM917</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microbes, proteins and enzymes</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM908</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory Methods in Biotechnology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM909</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applications and commercialization in Biotechnology</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional classes

<table>
<thead>
<tr>
<th>Optional classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM910</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fermentation and Microbial Exploitation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM911</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Biology, Bioinformatics and Genomics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM 912</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biocatalysis and Bioprocessing</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only
Examination, Progress and Final Assessment

19. 22.126 The final assessment will be based on performance in the written examinations, the coursework, and, if required, an oral examination.

Award

19. 22.127 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Biotechnology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project.
19. 22.128 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Biotechnology, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19. 22.129 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Biotechnology, a candidate must have accumulated no fewer than 60 credits.

Pharmaceutical Sciences

MSc in Pharmaceutical Sciences
Postgraduate Diploma in Pharmaceutical Sciences
Postgraduate Certificate in Pharmaceutical Sciences

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

Admission

19.22.131 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.22.132 Regulations 19.1.5 shall apply.

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

*For full-time study*
- Masters by full-time study 24 months
- PG Diploma by full-time study 18 months
- PG Certificate by full-time study 12 months

*For part-time study*
- Masters by part-time study 48 months elapsed time
- PG Diploma by part-time study 36 months elapsed time
- PG Certificate by part-time study 24 months elapsed time

Mode of Study

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

Curriculum

19.22.134 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931 Generic Biomedical And Pharmaceutical Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP990 Practice and Application of Pharmaceutical Sciences</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP992 Advanced Drug Delivery Methods &amp; Topics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP993 Advanced Formulation Methods &amp; Topics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP994 Advanced Drug Discovery Methods &amp; Topics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP995 Advanced Toxicology Methods &amp; Topics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM907 Advanced Biomedical Methods 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM914 Advanced Biomedical Methods 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM904 Advanced Biomedical Topics 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BM905 Advanced Biomedical Topics 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only

| MP991 Pharmaceutical Sciences Project | 5     | 60      |

**Examination, Progress and Final Assessment**

19.22.135 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.136 The final assessment will be based on performance in the written examinations, the coursework, and, if required, an oral examination.

**Award**

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

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

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

19.22.140 to 19.22.165 (Not used)

**MSc in Continuous Manufacturing and Crystallisation**

**Postgraduate Diploma in Continuous Manufacturing and Crystallisation**

**Postgraduate Certificate in Continuous Manufacturing and Crystallisation**

**Course Regulations**

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

**Admission**
Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
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
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931</td>
<td>Generic Biomedical And Pharmaceutical Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CH520</td>
<td>Process Analytical Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CH9XX</td>
<td>Design of Experiments and Multivariate Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MP9XX</td>
<td>Crystallisation and Formulation for Manufacture</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP9XX</td>
<td>Continuous Manufacturing of Pharmaceutical Particles and Products</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional classes

All students shall undertake 20 credits from the following classes:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP520</td>
<td>Membrane Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP525</td>
<td>Nanotechnology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP942</td>
<td>Safety Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

All students shall undertake 20 credits from the following classes:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM920</td>
<td>Strategic Technology Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM926</td>
<td>Supply Chain Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM927</td>
<td>Strategic Supply Chain Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM945</td>
<td>Systems Thinking and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only
Examination, Progress and Final Assessment

19.22.171 The final assessment will be based on performance in the written examinations, the coursework, and, if required, an oral examination.

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.

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

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

19.22.175 to 19.22.199 (numbers not used)
19.23 Validated Courses

Department of Chemistry, Pure and Applied

Forensic Science

Forensic Science Society Professional MSc
Forensic Science Society Professional Postgraduate Diploma
Forensic Science Society Professional Postgraduate Certificate

in

Crime Scene Investigation
Document Examination
Fire Investigation
Firearms Examination
Forensic Imaging
Forensic Toxicology
Identity Document Examination

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

Admission
19.23.1 Notwithstanding Regulation 19.1.1, applicants shall normally
(i) possess a degree from a United Kingdom university (in an appropriate
discipline) or
(ii) be deemed, by the Forensic Science Society diploma managers and
the academic administrator acting on behalf of Senate to have
achieved an academic standard equivalent to (i) above be equivalent.
(i) have at least three years' experience as a forensic practitioner in the
subject relevant to the award applied for.

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

Mode of study
19.23.2 The courses are available by self study only. Candidates will register with
the Forensic Science Society and through them with the University at least
three months prior to the first examination that they propose to sit.

Duration of Study
19.23.3 Regulation 19.1.5 shall apply. Notwithstanding Regulation 19.1.6, the
maximum duration of study will be:

for the Postgraduate Certificate - 18 months post registration
for the Postgraduate Diploma – 18 months post registration
for the degree of MSc – 30 months post registration.

Place of Study
19.23.4 The courses are followed through self study and work related practical
experience according to a detailed curriculum that has been approved by the
University and is available from the Forensic Science Society.
Curriculum

19.23.5 All candidates shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the theory class in the appropriate subject area
for the Postgraduate Diploma – no fewer than 120 credits in the appropriate subject area
for the degree of MSc – no fewer than 180 credits in the appropriate subject area including a Dissertation

Compulsory Class (appropriate to the chosen course) | Level | Credits
--- | --- | ---
Crime Scene Investigation
FS 951 Crime Scene Investigation: Theory | 5 | 60

Document Examination
FS 960 Document Examination: Theory | 5 | 60

Fire Investigation
FS 954 Fire Investigation: Theory | 5 | 60

Firearms Examination
FS 957 Firearms Examination: Theory | 5 | 60

Forensic Imaging
FS 963 Forensic Imaging: Theory | 5 | 60

Forensic Toxicology
FS 966 Forensic Toxicology: Theory | 5 | 60

Identity Document Examination
FS 942 Identity Document Examination: Theory | 5 | 60

Students for the Postgraduate Diploma and degree of MSc in addition shall undertake (appropriate to the chosen course):

Crime Scene Investigation
FS 952 Crime Scene Investigation: Practical | 5 | 30
FS 953 Crime Scene Investigation: Oral | 5 | 30

Document Examination
FS 961 Document Examination: Practical | 5 | 30
FS 962 Document Examination: Oral | 5 | 30

Fire Investigation
FS 955 Fire Investigation: Practical | 5 | 30
FS 956 Fire Investigation: Oral | 5 | 30

Firearms Examination
FS 958 Firearms Examination: Practical | 5 | 30
FS 959 Firearms Examination: Oral | 5 | 30
Forensic Imaging
FS 964  Forensic Imaging: Practical  5  30
FS 965  Forensic Imaging: Oral  5  30

Forensic Toxicology
FS 967  Forensic Toxicology: Practical  5  30
FS 968  Forensic Toxicology: Oral  5  30

Identity Document Examination
FS 943  Identity Document Examination: Practical  5  30
FS 971  Identity Document Examination: Oral  5  30

Students for the degree of MSc only in addition shall undertake (appropriate to the chosen course):

Crime Scene Investigation
FS 969  Crime Scene Investigation: Dissertation  5  60

Document Examination
FS 940  Document Examination: Dissertation  5  60

Fire Investigation
FS 978  Fire Investigation: Dissertation  5  60

Firearms Examination
FS 939  Firearms Examination: Dissertation  5  60

Forensic Imaging
FS 970  Forensic Imaging: Dissertation  5  60

Forensic Toxicology
FS 941  Forensic Toxicology: Dissertation  5  60

Identity Document Examination
FS 944  Identity Document Examination: Dissertation  5  60

Examination, Progress and Final Assessment
19.23.6 Regulations 19.1.25 – 19.1.33 shall apply.
19.23.7 Candidates must take the theory examination in the first instance and can only progress to the practical and oral examinations upon successful completion of the theory examination.
19.23.8 The final assessment will be based upon performance in the examinations, coursework and dissertation where undertaken and, if required, in an oral examination.

Award
19.23.9 Degree of MSc: In order to qualify for the degree of MSc in the chosen course, 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 dissertation.
19.23.10 **Postgraduate Diploma:** In order to qualify for the award of a Postgraduate Diploma in the chosen course, a candidate must have accumulated the 120 credits from the classes of the course.

19.23.11 **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.
Faculties of Science and Engineering: Joint Courses

System Level Integration

MSc in System Level Integration
Postgraduate Diploma in System Level Integration

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

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

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

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

Information Technology Systems

MSc in Information Technology Systems
Postgraduate Diploma in Information Technology Systems
Postgraduate Certificate in Information Technology Systems

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

Admission

Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the Master’s programme, a first or second class Honours degree) from a United Kingdom university (in Science or Engineering but excluding Electronics or Computer Science); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
Duration of Study
19.30.91 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.30.93 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 913  IT in Business</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>52 901  Programming in Java</td>
<td>5</td>
<td>24</td>
</tr>
<tr>
<td>52 902  Fundamentals of Computer Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>52 903  Communications, Theory and Practice</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>52 904  Advanced Design Issues</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EE 932  Electronic Data Acquisition</td>
<td>5</td>
<td>24</td>
</tr>
<tr>
<td>EE 933  Embedded Computer Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EE 934  Digital Signal Processing and Multimedia Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EE 935  Digital Communications Systems</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:
EF 900  Project   5  60

Examination, Progress and Final Assessment
19.30.94 Regulations 19.1.25 – 19.1.33 shall apply.
19.30.95 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award
19.30.96 Degree of MSc: In order to qualify for the award of the degree of MSc in Information Technology Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project.
19.30.97 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Information Technology Systems, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.30.98 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Information Technology Systems, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
Faculty of Engineering

Sustainable Engineering

19.40 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, Postgraduate Diploma and Postgraduate Certificate in Sustainable Engineering:

Building Design and Management
Chemical Processing
Marine Technology
Offshore Renewable Energy
Renewable Energy Systems and the Environment
Sustainable Product Development

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

Admission
19.40.1 Regulations 19.1.1 and 19.1.2 shall apply.

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

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

Building Design and Management
Chemical Processing
Marine Technology
Offshore Renewable Energy
Renewable Energy Systems and the Environment
Sustainable Product Development

19.40.4 Curriculum
All students shall undertake an approved curriculum as follows:

For the Postgraduate Certificate- no fewer than 60 credits including the 10 credit compulsory class and 20 credits of Faculty-wide Optional Classes and 30 credits of classes chosen from the appropriate individual pathway.

For the Postgraduate Diploma no fewer than 120 credits including the 10 credit compulsory class, a 40 credit group project and at least 20 credits of Faculty-wide Optional classes and at least 30 credits of classes from the appropriate individual pathway.
For the degree of MSc only no fewer than 180 credits including Individual Project (see Regulation 19.40.9) 60 credits

19.40.5 All students shall undertake

**Compulsory Class**

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

19.40.6 Faculty-wide Optional Classes

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

EF 929 Financial Engineering
EF 927 Design Management
EF 930 Information Management
EF 931 Project Management
EF 932 Risk Management
EV 939 Environmental Impact Assessment
DM 930 Knowledge Engineering and Management for Engineers

Exceptionally, the appropriate Course Director may approve the substitution of one class for one of the Faculty-wide classes.

19.40.7 Named Pathways

**Sustainable Engineering: Building Design and Management**

**Compulsory Classes**

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

22 563 Ecology, Sustainability and the Built Environment
AB 9xx Construction Project Management
ME 922 Energy Resources and Policy

**Sustainable Engineering: Chemical Processing**

**Optional Classes**

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

CP 906 Colloid Engineering 2
CP 917 Process Design Principles
CP 918 Safety Management Practices
CP 919 Programming & Optimisation
CP 921 Emerging Technologies
CP 938 Environmental Control Technologies
CP 939 Energy Systems

**Sustainable Engineering: Marine Technology**

**Optional Classes**

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

NM 947 Modelling and Optimisation in Design
NM 950 Maritime Safety and Risk
NM 958 Risers and Mooring Lines
NM 962 Advanced Marine Structures
NM 975 Computational Free Surface Hydrodynamics

**Sustainable Engineering: Offshore Renewable Energy**

**Optional Classes**

81
### Sustainable Engineering: Renewable Energy Systems and the Environment

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 929</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 928</td>
<td>Energy Systems Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 930</td>
<td>Energy Modelling and Monitoring</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Sustainable Engineering: Sustainable Product Development

**Compulsory Classes**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 924</td>
<td>Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 943</td>
<td>Sustainable Product Design and Manufacture</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

**Optional Classes**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 918</td>
<td>People, Organisation &amp; Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 923</td>
<td>Product Modelling and Visualisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 926</td>
<td>Supply Chain Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 929</td>
<td>CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 933</td>
<td>Risk Engineering</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

19.40.8 Students for the degree of MSc and Postgraduate Diploma will undertake:

- **EF 936** Sustainable Engineering Group Project 5 40

19.40.9 Students for the degree of MSc only:

- **EF 900** Individual Project 5 60

19.40.10 Regulations 19.1.25 – 19.1.33 shall apply.

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

### Award

- **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.

- **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.

- **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Sustainable Engineering: in a distinct pathway, a
candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the course curriculum.

19.40.15 to 19.40.40 (Numbers not used.)

Engineering

Certificate in Engineering

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

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

Duration of Study
19.40.42 Regulation 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.40.44 All students shall undertake an approved curriculum as follows:

Compulsory Classes:                     Level  Credits
CL 931 Research Protocols for Science and Engineering 5  10
          and either
DM 933 Engineering Risk Management 5  10
       or
EF 931 Project Management 5  10

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

Examination, Progress and Final Assessment
19.40.45 Regulations 19.1.25 – 19.1.33 shall apply.  
19.40.46 The final assessment will be based on performance in the examinations, coursework, and, if required, in an oral examination.

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

19.40.48 to 19.40.63 (numbers not used)
Faculty of Engineering

Engineering Project Management

MSc in Engineering Project Management
Postgraduate Diploma in Engineering Project Management
Postgraduate Certificate in Engineering Project Management

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

19.40.64 Admission
Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or
second class Honours degree) from a United Kingdom university in
Science or Engineering; or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of competence.

19.40.65 Duration of Study
Regulations 19.1.5 and 19.1.6 shall apply.

19.40.66 Mode of Study
The courses are available by full or part-time study.

19.40.67 Curriculum
All students shall undertake an approved curriculum as follows:

For the Postgraduate Certificate – no fewer than 60 credits from the
classes in List A
For the Postgraduate Diploma – no fewer than 120 credits, including
60 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
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 927</td>
<td>Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 941</td>
<td>Understanding Financial Information</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 935</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 9xx</td>
<td>Commercial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 935</td>
<td>Management of Total Quality and Continuous Improvement</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List B: Specialist Classes
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 919</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>ME 921</td>
<td>Environmental Performance and Related Technologies</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ME 922</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ME 924</td>
<td>Power Plant Systems</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>ME 926</td>
<td>Nuclear Power Systems</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc and Postgraduate Diploma will undertake:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 9xx</td>
<td>Project Engineering: Group Project</td>
<td>5</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 900</td>
<td>Project</td>
<td>5</td>
</tr>
</tbody>
</table>

19.40.68 **Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

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

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

19.40.71 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Engineering Project Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.41 Department of Architecture

Advanced Architectural Studies

MSc in Advanced Architectural Studies
Postgraduate Diploma in Advanced Architectural Studies
Postgraduate Certificate in Advanced Architectural Studies

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

Admission
19.41.1 Notwithstanding Regulation 19.1.1 applicants shall possess
(i) an Honours degree in Architecture of a university in the United
Kingdom; or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to the above.
Applicants applying in terms of appropriate professional experience may be
required to register initially for the Postgraduate Diploma.

Duration of Study
19.41.2 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.41.4 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 964</td>
<td>Design Studies 5A</td>
<td>5</td>
</tr>
<tr>
<td>AB 965</td>
<td>Design Studies 5B</td>
<td>5</td>
</tr>
<tr>
<td>AB 966</td>
<td>Special Study Project</td>
<td>5</td>
</tr>
<tr>
<td>AB 967</td>
<td>Cultural Studies 5</td>
<td>5</td>
</tr>
<tr>
<td>AB 968</td>
<td>Professional Studies</td>
<td>5</td>
</tr>
</tbody>
</table>

Such other classes as may be approved by the Course Director

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 900</td>
<td>Project</td>
<td>5</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.41.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.41.6 The final assessment will be based on performance in the examinations,
coursework, the Project where undertaken and, if required, in an oral
examination.
Award

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

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

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

19.41.10 (Number not used)

Advanced Architectural Design

MArch in Advanced Architectural Design
Postgraduate Diploma in Advanced Architectural Design
Postgraduate Certificate in Advanced Architectural Design

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

Admission

19.41.11 Notwithstanding Regulation 19.1.1 applicants shall possess

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

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

(iii) additionally, applicants must hold entry qualifications which meet the current requirement for professional accreditation.

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

19.41.12 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.41.14 All students shall undertake an approved curriculum as follows

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MArch – no fewer than 180 credits including a project
<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 964 Design Studies 5A</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 965 Design Studies 5B</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>AB 966 Special Study Project 5</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 967 Cultural Studies 5</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 968 Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Such other classes as may be approved by the Course Director</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students for the degree of MArch only:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 900</td>
<td>Project</td>
<td>5</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

19.41.15 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

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

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

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

19.41.20 (Number not used)

**Architectural Studies**

Postgraduate Diploma in Architectural Studies
Postgraduate Certificate in Architectural Studies
Graduate Diploma in Architectural Studies

**Course Regulations**

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

**Admission**

19.41.21 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.41.22 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

19.41.24 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Diploma – no fewer than 240 credits
- for the Postgraduate Certificate – no fewer than 180 credits
- for the Graduate Diploma – no fewer than 120 credits

First Year

19.41.25 All students shall follow an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 418 Design Studies 4A</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>AB 419 Design Studies 4B</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>AB 420 Cultural Studies 4</td>
<td>4</td>
<td>40</td>
</tr>
<tr>
<td>AB 421 Special Study Project 4</td>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>

Second Year

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 964 Design Studies 5A</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 965 Design Studies 5B</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>AB 966 Special Study Project 5</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 967 Cultural Studies 5</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 968 Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Such other classes as may be approved by the Course Director

Examination, Progress and Final Assessment

19.41.27 Regulations 19.1.25 – 19.1.33 shall apply.

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

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

Award

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

19.41.31 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Architectural Studies, a candidate must have accumulated no fewer than 180 credits including those for all the first year compulsory classes and at least 60 from the second year.
19.41.32 **Graduate Diploma**: In order to qualify for the award of the Graduate Diploma in Architectural Studies, a candidate must have accumulated no fewer 120 credits from the course curriculum.

19.41.33 to 19.41.140 (Numbers not used)

### Urban Design

**MSc in Urban Design**

**Postgraduate Diploma in Urban Design**

**Postgraduate Certificate in Urban Design**

### Course Regulations

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

#### Admission

19.41.141 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or second class Honours degree in Architecture or a discipline related to the built environment of a university in the United Kingdom; or

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

Applicants applying in terms of appropriate professional experience may be required to register initially for the Postgraduate Diploma. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

#### Duration of Study

19.41.142 Regulations 19.1.5 and 19.1.6 shall apply.

#### Mode of Study

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

#### Curriculum

19.41.144 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate - no fewer than 60 credits
- for the Postgraduate Diploma - no fewer than 120 credits 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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>List A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB 931</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 932</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 973</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 974</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AB 936</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 943</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 946</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
either
AB 939 Urban Theory  5 10
or
CL 966 Principles of Sustainability  5 10
or
EF 928 Environmental Impact and Sustainability  5 10

List B
No fewer than 20 credits chosen from:
AB 935 Urban Landscape Design  5 10
AB 938 Urban Design Representation  5 10
17 540 Transport Development and Sustainability  5 10

EF 902 Project Work and Project Management  5 10
EF XXX Financial Engineering  5 10

Students for the degree of MSc only:
AB 947 Dissertation Project  5 60

Examination, Progress and Final Assessment

19.41.145 Regulations 19.1.25 – 19.1.33 shall apply.
19.41.146 The final assessment will be based on performance in the examinations, coursework, the Dissertation Project where undertaken and, if required, in an oral examination.

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.

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

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

19.41.150 to 19.41.160 (Numbers not used)
Building Design and Management for Sustainability

Postgraduate Certificate in Building Design and Management for Sustainability

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

Admission

19.41.161 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.41.162 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.41.164 All students shall undertake an approved curriculum as follows.

Compulsory Classes  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 563</td>
<td>Ecology, Sustainability and the Built Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 930</td>
<td>Construction Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF xxx</td>
<td>Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931</td>
<td>Research Protocols in Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes  

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 955</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 956</td>
<td>Environmental Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 933</td>
<td>Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.41.165 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.41.167 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Building Design and Management for Sustainability, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
Department of Biomedical Engineering

Biomedical Engineering

MSc in Biomedical Engineering
Postgraduate Diploma in Biomedical Engineering
Postgraduate Certificate in Biomedical Engineering

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

19.42.1 to 19.42.29 Numbers not used

Admission
19.42.30 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study
19.42.31 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.42.33 All students shall undertake an approved curriculum as follows:

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

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

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE911</td>
<td>Engineering Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>or</td>
<td>BE915 Medical Science for Engineering</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>BE918 Professional Studies in Biomedical Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>BE919 Research Methodology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>BE909 Biomedical Electronics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>BE908 Biomedical Instrumentation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

In addition students taking BE911 Engineering Science who do not have the prerequisite background in Anatomy & Physiology shall take as an additional compulsory class:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE912</td>
<td>Anatomy &amp; Physiology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Optional Classes
No fewer than 60 credits chosen from:

- BE916 Introduction to Biomechanics 5 10
- BE902 Clinical and Sports Biomechanics 5 10
- BE900 Tissue Mechanics 5 10
- BE906 Biomaterials and Biocompatibility 5 10
- BE901 Regenerative Medicine & Tissue Engineering 5 10
- BE903 Cardiovascular Devices 5 10
- BE902 Prosthetics and Orthotics 5 10
- BE905 Bio-signal Processing and Analysis 5 10

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

- BE914 Biomedical Engineering Dissertation 5 20

Students for the degree of MSc only in addition will undertake:

- BE907 Project 5 60

Examination, Progress and Final Assessment

19.42.34 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.42.36 **Degree of MSc:** In order to qualify for the award of the degree of MSc 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 including those for all the compulsory classes within the curriculum and the Project. **For those students required to take BE912 (Anatomy & Physiology) satisfactory performance is deemed additionally to include a pass in this module.**

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

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

19.42.39 to 19.42.80 (Numbers not used)

Medical Devices

**MSc in Medical Devices**
**Postgraduate Diploma in Medical Devices**
**Postgraduate Certificate in Medical Devices**

Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]
Admission
19.42.81 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study
19.42.82 Regulations 19.1.5 and 19.1.6 shall apply.

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

Curriculum
19.42.84 All students shall undertake an approved curriculum as follows:

   for the Postgraduate Certificate – no fewer than 60 credits
   for the Postgraduate Diploma – no fewer than 120 credits of which no
      20 shall be derived from a dissertation
   for the degree of MSc – no fewer than 180 credits including a project

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 906 Introductory Pharmacology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE915 Medical Science for Engineering</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE918 Professional Studies in Biomedical Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE919 Research Methodology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MP 942 Advanced Techniques in Biomedical Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BM 919 Medical Genomics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE909 Biomedical Electronics</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE910 EngD/MSc Medical Devices Project</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE908 Biomedical Instrumentation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

in addition to 60 credits chosen from the list of optional classes

Students for the Postgraduate Diploma only

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE914 PGDip Medical Devices Dissertation</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

in addition to 40 credits chosen from the list of optional classes

Optional Classes

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM 918 Clinical Biochemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE916 Introduction to Biomechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE904 Clinical and Sports Biomechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE900 Tissue Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE906 Biomaterials and Biocompatibility</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE901 Regenerative Medicine &amp; Tissue Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE903 Cardiovascular Devices</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE902 Prosthetics and Orthotics</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.42.85 Regulations 19.1.25 – 19.1.33 shall apply.
19.42.86 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

19.42.87 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Medical Devices, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 20 must have been awarded in respect of the Project.

19.42.88 **Postgraduate Diploma:** In order to qualify for the award of Postgraduate Diploma in Medical Devices, a candidate must have accumulated no fewer than 120 credits of which 20 must have been awarded in respect of the Dissertation.

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

19.42.90 (Number not used)

Medical Technology

Postgraduate Certificate in Medical Technology

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

Admission

19.42.91 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.42.92 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.42.94 All students shall undertake an approved curriculum as follows.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 951  Research Methodology in Healthcare</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td><strong>and either</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65 949  Case Studies in Medical Technology</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td><strong>or</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65 950  Elements of Medical Science</td>
<td>5</td>
<td>18</td>
</tr>
</tbody>
</table>
Optional Classes
No fewer than 24 credits chosen from:

- 65 952 Orthopaedic and Cardiovascular Device Technology 5 12
- 65 953 Biomaterials and their Applications 5 12
- 65 954 Artificial Organ Technologies 5 12
- 65 955 Diagnostic Instrumentation 5 12

Examination, Progress and Final Assessment
19.42.95 Regulations 19.1.25 – 19.1.33 shall apply.
19.42.96 The final assessment will be based on performance in the examinations, the coursework, and, if required, an oral examination.

Award
19.42.97 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Medical Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits, of which 36 must have been awarded in respect of the compulsory classes.

Rehabilitation Studies

MSc in Rehabilitation Studies
Postgraduate Diploma in Rehabilitation Studies
Postgraduate Certificate in Rehabilitation Studies

MSc Prosthetics Rehabilitation Studies
Postgraduate Diploma in Prosthetics Rehabilitation Studies
Postgraduate Certificate in Prosthetics Rehabilitation Studies

MSc Orthotics Rehabilitation Studies
Postgraduate Diploma in Orthotics Rehabilitation Studies
Postgraduate Certificate in Orthotics Rehabilitation Studies

MSc Prosthetics and Orthotics Rehabilitation Studies
Postgraduate Diploma in Prosthetics and Orthotics Rehabilitation Studies
Postgraduate Certificate in Prosthetics and Orthotics Rehabilitation Studies

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

Admission
19.42.126 Regulations 19.1.1 and 19.1.3 shall apply.

Mode of Study
19.42.127 The courses are available by distance-learning only and include a residential period.
**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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>94 938 Research Methodology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>94 915 Data Analysis</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Together with classes appropriate to the chosen course

**MSc Rehabilitation Studies**

No fewer than 80 credits chosen from Lists A and D including 40 from List A

**Prosthetic Rehabilitation Studies**

No fewer than 80 credits chosen from Lists B and D including at least 40 from List B

**Orthotics and Rehabilitation Studies**

No fewer than 80 credits chosen from Lists C and D including at least 40 from List C

**Prosthetics and Orthotics Rehabilitation Studies**

No fewer than 80 credits including 40 chosen from each of Lists B and C

<table>
<thead>
<tr>
<th>Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>List A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>94 927 Clinical Governance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>94 928 Introductory Biomechanics</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

| List B   |       |         |
| 94 905 Prosthetic Studies++ | 5 | 20 |
| 94 937 Advanced Prosthetic Science+ | 5 | 20 |
| 94 929 Lower Limb Prosthetic Biomechanics | 5 | 20 |

| List C   |       |         |
| 94 904 Orthotic Studies++ | 5 | 20 |
| 94 935 Advanced Orthotic Science+ | 5 | 20 |
| 94 930 Lower Limb Orthotic Biomechanics | 5 | 20 |

| List D   |       |         |
| 94 904 Orthotic Studies ++ | 5 | 20 |
| 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 |
| 94 930 Lower Limb Orthotic Biomechanics | 5 | 20 |
| 94 936 Clinical Gait Analysis | 5 | 20 |
| 94 937 Advanced Prosthetic Science+ | 5 | 20 |
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.
19.42.130 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

**Award**

19.42.131 **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.

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.
19.43 Department of Chemical and Process Engineering

Chemical Technology and Management

MSc in Chemical Technology and Management
Postgraduate Diploma in Chemical Technology and Management
Postgraduate Certificate in Chemical Technology and Management

Process Technology and Management

MSc in Process Technology and Management
Postgraduate Diploma in Process Technology and Management
Postgraduate Certificate in Process Technology and Management

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

Admission

19.43.1 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in a relevant discipline; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above; and
(iii) in addition, all successful applicants shall have appropriate professional experience and shall normally be employed in the appropriate industry.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

19.43.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.43.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits including a minimum of 30 from Lists A and B and a minimum of 10 from List C.
for the Postgraduate Diploma – no fewer than 120 credits including a minimum of 60 from Lists A and B and a minimum of 30 from List C
for the degree of MSc – no fewer than 180 credits including a minimum of 60 from Lists A and B and a minimum of 30 from List C and the 60 credit project

For the award to be classified as Process Technology and Management the majority of Technology classes being counted towards a qualification must be from list A.
For the award to be classified as Chemical Technology and Management the majority of Technology classes being counted towards a qualification must be from list B.

<table>
<thead>
<tr>
<th>List A – Process Technology*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 917 Process Design Principles</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 918 Safety Management Practices</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 919 Programming and Optimisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 920 Modelling and Simulation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 921 Emerging Technologies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 922 IPR Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 923 Process Safety Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 924 Environmental Engineering and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 925 Petrochemical Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 926 Multi-Phase Processing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 927 Process Control Strategies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 952 Colloid Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 950 Modern Process Measurements</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP951 Nanotechnology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 953 Membrane Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 954 Communicating Science and Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 955 Molecular simulation in chemical engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 956 Nuclear Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 957 Fuel Cells</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List B – Chemical Technology*

<table>
<thead>
<tr>
<th>List B – Chemical Technology*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 917 Process Design Principles</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 918 Safety Management Practices</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 919 Programming and Optimisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 921 Emerging Technologies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 922 IPR Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 928 Laboratory Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 929 Analytical Techniques and Automation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 930 Management of Technological Innovation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 950 Modern Process Measurements</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP951 Nanotechnology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 957 Fuel Cells</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 953 Membrane Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 954 Communicating Science and Technology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List C – Business, Management and IT*

<table>
<thead>
<tr>
<th>List C – Business, Management and IT*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 931 Understanding Financial Information</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 932 Managing People</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 933 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 934 Business and Technology Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 935 IT Systems and Strategy</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

**Students for the degree of MSc only:**

<table>
<thead>
<tr>
<th>Students for the degree of MSc only:</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 936 Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

101
Examination, Progress and Final Assessment

19.43.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.43.6 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken

Award

19.43.7 Degree of MSc: In order to qualify for the award of the degree of MSc in Chemical Technology and Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the relevant course curriculum, of which 60 credits must have been awarded in respect of the Project.
19.43.8 In order to qualify for the award of the degree of MSc in Process Technology and Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the relevant course curriculum, of which 60 credits must have been awarded in respect of the Project.
19.43.9 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Chemical Technology and Management, a candidate must have accumulated no fewer than 120 credits from the relevant course
19.43.10 In order to qualify for the award of the Postgraduate Diploma in Process Technology and Management, a candidate must have accumulated no fewer than 120 credits from the relevant course curriculum
19.43.11 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Chemical Technology and Management, a candidate must have accumulated no fewer than 60 credits from the relevant course curriculum
19.43.12 In order to qualify for the award of the Postgraduate Certificate in Process Technology and Management, a candidate must have accumulated no fewer than 60 credits from the relevant course curriculum
19.43.13 to 19.43.40 (Numbers not used)

Advanced Chemical and Process Engineering

MSc in Advanced Chemical and Process Engineering
Postgraduate Diploma in Advanced Chemical and Process Engineering
Postgraduate Certificate in Advanced Chemical and Process Engineering

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

Admission

19.43.41 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in a relevant discipline; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**
19.43.42 Regulations 19.1.5 and 19.1.6 shall apply.

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

**Mode of Study**
19.43.44 The courses are available by full-time study only.

**Curriculum**
19.43.45 All students shall undertake an approved curriculum as follows:

   for the Postgraduate Certificate – no fewer than 60 credits 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

**Optional Classes**
No fewer than 60 credits including at least 40 from List A and 10 from List B

<table>
<thead>
<tr>
<th>List A*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 846</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 937</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 938</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 939</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 940</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 942</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 943</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 944</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 945</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CP 947</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List B*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 941</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:
CP 948 Group Project 5 40

together with a further 20 credits chosen from List B above.

Students for the degree of MSc only:
CP 949 Individual Project 5 60
Examination, Progress and Final Assessment

19.43.46 Regulations 19.1.25 – 19.1.33 shall apply.
19.43.47 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

19.43.48 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Advanced Chemical and Process Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 credits must be awarded for the Group Project and 60 credits must have been awarded in respect of the Project.

19.43.49 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Chemical and Process Engineering, a candidate must have accumulated no fewer than 120 credits, of which 40 credits must be awarded for the Group Project.

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

Construction Management

Postgraduate Diploma in Construction Management
Postgraduate Certificate in Construction Management

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

Admission
19.44.1 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree from a United Kingdom university (in an appropriate
discipline); or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of competence.

Duration of Study
19.44.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.44.3 The courses are available by full-time and by part-time study.

Place of Study
19.44.4 The course is taught off-campus by University of Strathclyde staff.

Curriculum
19.44.5 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits including at
  least 10 credits from each of Lists A and B and 20 credits from List C
- for the Postgraduate Diploma – no fewer than 120 credits

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>List A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GB 805 Effective Project Management</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>GB 806 Effective Teamwork</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>GB 812 International Accounting and Finance</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>GB 814 International Human Resource Management</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>GB 816 Leadership</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>GB 831 Procurement Management</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Exceptionally, such other Level 5 classes as may be approved by the Course...</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List B
EF 908 Information Management 5 12
EF 910 Risk Management 5 12
EF 912 Environmental Impact and Sustainability 5 12
List C

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 963</td>
<td>Lean Planning, Control and Whole-life cost appraisal of Construction Projects</td>
<td>5, 12</td>
</tr>
<tr>
<td>CL 932</td>
<td>Technology Transfer and Innovation to Developing and Emerging Economies</td>
<td>5, 20</td>
</tr>
<tr>
<td>CL 933</td>
<td>Engineering and project analysis: Theory &amp; practice for building &amp; infrastructure projects</td>
<td>5, 20</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.44.6 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.7 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

Award

19.44.8 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Construction Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.44.9 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Construction Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course, including at least 20 credits from List C.

Environmental Engineering

**MSc in Environmental Engineering**
**Postgraduate Diploma in Environmental Engineering**
**Postgraduate Certificate in Environmental Engineering**

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

Admission

19.44.10 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study

19.44.11 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Place of Study

19.44.13 As permitted by Regulation 19.1.8, some off-campus work may be required.
**Curriculum**

19.44.14 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits, with at least 20 credits from the list of compulsory classes
- for the Postgraduate Diploma – no fewer than 120 credits, 50 compulsory and 70 credits optional classes
- for the degree of MSc – no fewer than 180 credits, 50 credits compulsory classes, 70 credits optional classes, and a 60 credits project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 904</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 948</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>

Optional Classes

No fewer than 70 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 507</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 970</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 971</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 947</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 956</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 960</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 961</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 929</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 946</td>
<td>5</td>
<td>10</td>
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<tr>
<td>CL 935</td>
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<tr>
<td>CL 9XX</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 973</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 850</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

*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:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 944</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

19.44.15 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**
19.44.17 **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Engineering, a candidate must have accumulated no fewer than 180 credits from the course curriculum including a project.

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

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

### Environmental Entrepreneurship

- **MSc in Environmental Entrepreneurship**
- **Postgraduate Diploma in Environmental Entrepreneurship**
- **Postgraduate Certificate in Environmental Entrepreneurship**

#### Course Regulations

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

#### Admission

19.44.20 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university in any discipline; or

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

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

#### Duration of Study

19.44.21 Regulations 19.1.5 and 19.1.6 shall apply.

#### Mode of Study

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

#### Place of Study

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

#### Curriculum

19.44.24 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits including at least 20 from the Entrepreneurship classes and 20 from the Environmental classes.
- for the Postgraduate Diploma – no fewer than 120 credits, 60 credits compulsory classes and 60 credits optional classes.

for the degree of MSc – no fewer than 180 credits, 60 credits compulsory classes, 60 credits optional classes, and a 60 credits project.
### Compulsory Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 974</td>
<td>Sustainable Transformation &amp; Accountability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 957</td>
<td>Qualitative and Quantitative Research Methods</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Entrepreneurship Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 929</td>
<td>Client-Based Environmental Entrepreneurship in Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Z1 931</td>
<td>Entrepreneurship, Innovation and Commercialisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 938</td>
<td>New Venture Creation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Optional Classes

No fewer than 60 credits chosen from:

#### Environmental Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 972</td>
<td>Sustainability &amp; Strategic Environmental Assessment</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 955</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 956</td>
<td>Environmental Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 958</td>
<td>Recent Trends in Technological Progress</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 964</td>
<td>Principles of Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 943</td>
<td>Sustainable Product Design and Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 927</td>
<td>Environmental Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 929</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 930</td>
<td>Energy Modelling and Monitoring</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 969</td>
<td>Renewable Marine Energy Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 946</td>
<td>Global Water Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 969</td>
<td>Contaminated Land Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 850</td>
<td>International Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 922</td>
<td>Principles of Economic Appraisal</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

#### Entrepreneurship Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 973</td>
<td>Independent Study in Collaboration with Industry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 965</td>
<td>Science, Technology and Innovation Policy</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 930</td>
<td>Project in Environmental Entrepreneurship</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.44.25 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.26 The final assessment will be based on performance in the examinations, coursework, the project where undertaken.

Award

19.44.27 **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 180 credits from the course curriculum including a project.
19.44.28 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.
19.44.29 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Entrepreneurship, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course curriculum.

Environmental Forensics

**MSc in Environmental Forensics**
**Postgraduate Diploma in Environmental Forensics**
**Postgraduate Certificate in Environmental Forensics**

Course Regulations

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

Admission

19.44.30 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or

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

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

Duration of Study

19.44.31 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Place of Study

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

Curriculum

19.44.34 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits with at least 20 credits from the list of compulsory classes
for the Postgraduate Diploma – no fewer than 120 credits 80 credits of compulsory classes and 40 credits of optional classes
for the degree of MSc – no fewer than 180 credits including a project 80 credits of compulsory classes, 40 credits of optional classes and a 60 credits project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 906  Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931  Research Protocols for Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954  Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 960  Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975  Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS 913  Fundamentals of Forensic Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 929  UK and EU Environmental Law</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits chosen from:
CL 971 Air Pollution, Climate Change & Human Health 5 10
CL 904 Waste Management and Landfill Design 5 10
CL 935 Hydrogeology 5 10
CL 947 Climate Change Mitigation and Adaptation 5 10
CL 948 Principles of Environmental Microbiology 5 10
CL 961 Geographical Information Systems (GIS) 5 10
EV 908 Pollution and Rehabilitation of Degraded Ecosystems 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:
CL 942 Project in Environmental Forensics 5 60

Examination, Progress and Final Assessment

19.44.35 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.36 The final assessment will be based on performance in the examinations, coursework, the project where undertaken.

Award

19.44.37 **Degree of MSc:** In order to qualify for the degree of MSc in Environmental Forensics, a candidate must have accumulated no fewer than 180 credits and a project 80 credits compulsory classes, 40 credits optional classes and a 60 credits project.

19.44.38 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Environmental Forensics, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course: 80 credits compulsory classes and 40 credits optional classes.

19.44.39 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Environmental Forensics, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course, with at least 20 credits from the list of compulsory classes
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
Postgraduate Diploma in Civil Engineering
Postgraduate Certificate in Civil Engineering

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

Admission
19.44.40 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university in Science or Engineering; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence.

Duration of Study
19.44.41 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.44.42 The courses are available by full-time and part-time study.

Curriculum
19.44.43 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits, including no fewer than 20 credits from the classes in List A
- for the Postgraduate Diploma – no fewer than 120 credits, including no fewer than 40 credits from the classes in List A
- for the degree of MSc – no fewer than 180 credits: 120 credits of taught classes (including no fewer than 40 credits from the classes in List A) and 60 credits from the Project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 509 Civil Engineering Design Projects</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

together with classes appropriate to the chosen specialism.

Civil Engineering with Structural Engineering & Project Management
CL 510  Advanced Structural Analysis and Design  5  10
CL 922  Soil Modelling and Numerical Analysis  5  20
EF 931  Project Management  5  10

Civil Engineering with Geotechnical Engineering & Project Management

CL 507  Ground Improvement and Reinforcement  5  10
CL 923  Rock Mechanics, Tunnelling and Groundwater  5  20
EF 931  Project Management  5  10

Civil Engineering with Geoenvironmental Engineering & Project Management

CL 906  Site Investigation and Risk Assessment  5  10
CL 954  Contaminated Land  5  10
CL 904  Waste Management and Landfill Design  5  10
EF 931  Project Management  5  10

Optional Classes

List A

CL 502  Coastal Engineering and Modelling  5  10
CL 507  Ground Improvement and Reinforcement  5  10
CL 508  Site Investigation and Risk Assessment  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 922  Soil Modelling and Numerical Analysis  5  20
CL 923  Rock Mechanics, Tunnelling and Groundwater  5  20
CL 935  Hydrogeology  5  10
CL 951  Groundwater Flow Modelling  5  10
CL 952  Aquifer Mechanics  5  10
CL 954  Contaminated Land  5  10
EF 931  Project Management  5  10
NM 969 Renewable Marine Energy Systems  5  10

List B

CL 946  Global Water Policy  5  10
CL 931  Research Protocols for Science & Engineering  5  10
CL 504  Financial Engineering  5  10
CL 503  Strategic Construction Procurement  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 973  Independent Study in Collaboration with Industry  5  10
17 540  Transport Development and Sustainability  5  10
CL 961  Geographical Information Systems  5  10
EF 927  Design Management  5  10
EF 930  Information Management  5  10
EF 932  Risk Management  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

* 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:
CL 9XX Project  5  60

Examination, Progress and Final Assessment
19. 44.44 Regulations 19.1.25 – 19.1.33 shall apply.
19. 44.45 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

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 40 credits from the classes in List A), of which 60 must have been awarded in respect of the project. For the degree of MSc in Civil Engineering with Structural Engineering & Project Management, MSc in Civil Engineering with Geotechnical Engineering & Project Management or MSc in Civil Engineering with Geoenvironmental Engineering & Project Management, the candidate must have attained the credits in the appropriate specialism.

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 20 credits from the classes in List A.
Integrated Pollution Prevention and Control

Postgraduate Certificate in Integrated Pollution Prevention and Control

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

Admission
19.44.81 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above.

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

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

Curriculum
19.44.83 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 970 Environmental Pollution Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 904 Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931 Research Protocols for Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975 Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from:

| CL 971 Air Pollution, Climate Change & Human Health     | 5     | 10      |
| CL 954 Contaminated Land                               | 5     | 10      |
| CL 955 Environmental Management Systems                | 5     | 10      |
| CL 960 Fundamentals of Environmental Forensics         | 5     | 10      |
| EV 905 Ecology, Biodiversity and Sustainability        | 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      |
| CL9XX Water & Wastewater Treatment Design              | 5     | 10      |
| CL973 Independent Study in Collaboration with Industry  | 5     | 10      |
| M9 850 International Environmental Law                  | 5     | 10      |

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

Examination, Progress and Final Assessment
Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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.

Award

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.

To 19.44.90 (Numbers not used)

Geoenvironmental Engineering

Postgraduate Certificate in Geoenvironmental Engineering

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

Admission

Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or

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

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

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

Mode of Study

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

Curriculum

All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931</td>
<td>Research Protocols for Science &amp; Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954</td>
<td>Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 935</td>
<td>Hydrogeology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 951</td>
<td>Groundwater Flow Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 952</td>
<td>Aquifer Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water and Environmental Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
EV 939 Environmental Impact Assessment 5 10
CL9XX Water & Wastewater Treatment Design 5 10
CL973 Independent Study in Collaboration with Industry 5 10

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

Examination, Progress and Final Assessment
19.44.95 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.96 The final assessment will be based on performance in the examinations and, the coursework.

Award
19.44.97 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Geoenvironmental Engineering, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
19.44.98 to 19.44.100 Numbers not used

Climate Change Adaptation

Postgraduate Certificate in Climate Change Adaptation

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

Admission
19.44.101 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above.

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

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

Curriculum
19.44.104 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 971 Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931 Research Protocols for Science &amp; Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 974 Sustainable Transformation &amp; Accountability</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
EV 939 Environmental Impact Assessment  5  10

Optional Classes
No fewer than 20 credits chosen from:
CL 904 Waste Management and Landfill Design  5  10
CL 906 Site Investigation and Risk Assessment  5  10
CL 954 Contaminated Land  5  10
CL 958 Recent Trends in Technological Progress  5  10
CL 961 Geographical Information Systems (GIS)  5  10
CL 973 Independent Study in Collaboration with Industry  5  10
M9 850 International Environmental Law  5  10

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

Examination, Progress and Final Assessment
19.44.105 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.106 The final assessment will be based on performance in the examinations, and the coursework.

Award
19.44.107 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Climate Change Adaptation, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
19.44.108 to 19.44.110 (Numbers not used)

Geotechnics

MSc in Geotechnics
Postgraduate Diploma in Geotechnics
Postgraduate Certificate in Geotechnics

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

This course is offered jointly by the University of Strathclyde and the University of Glasgow and the awards are made in the name of both universities. The regulations are drawn up consequent upon a Memorandum of Agreement which has been approved by the Senate. The administering university is the University of Strathclyde.

Admission
19.44.111 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or upper second class Honours degree from a United Kingdom university in engineering, earth science, physics or mathematics; or
(ii) a qualification deemed by the Course Director acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Course Director acting on behalf of the Senate to be the equivalent to (i) above. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

**Duration of Study**

19.44.112 Regulations 19.1.5 and 19.1.6 shall apply.

**Nature of Study**

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

**Curriculum**

19.44.114 Notwithstanding Regulation 19.1.12 all students shall undertake a 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 (including 110 credits compulsory and 10 credits of optional classes)
- for the degree of MSc – no fewer than 180 credits including a project (110 credits of compulsory classes, 10 credits of optional classes, and a 60 credits project).

<table>
<thead>
<tr>
<th>Compulsory Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 501 Foundation Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906 Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 917 Slopes and Walls</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 920 Introduction to Geotechnics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 922 Soil Modelling and Numerical Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 923 Rock Mechanics, Tunnelling and Groundwater</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 924 Geotechnical Design Project</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

**Optional Classes**

No fewer than 10 credits chosen from:

| CL 507 Ground Improvement and Reinforcement | 5 | 10 |
| CL 954 Contaminated Land | 5 | 10 |

Students for the degree of MSc only:

| CL 925 Project (Geotechnics) | 5 | 60 |

* At the discretion of the Course Director, students submitting evidence of appropriate academic attainment may be permitted to substitute classes amounting to no more than 20 credits for any of the above classes.

**Examination, Progress and Final Assessment**

19.44.115 Regulations 19.1.25 – 19.1.33 shall apply.

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

19.44.117 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Geotechnics, a candidate must have accumulated no fewer than 180 credits from the course curriculum and a Project.

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

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

19.44.120 to 19.44.130 (Numbers not used)

Global Water Sustainability

**MSc in Global Water Sustainability**  
**Postgraduate Diploma in Global Water Sustainability**  
**Postgraduate Certificate in Global Water Sustainability**

[The General Regulations for Taught Masters Degrees, Postgraduate Diplomas and Postgraduate Certificates (see Regulation 19.1) of the University of Strathclyde shall not apply, except with the agreement of the University of Glasgow.]

This course is offered jointly by the University of Strathclyde and the University of Glasgow and the awards are made in the name of the two 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 both university campuses. Students shall be subject to the Course Regulations that have been adopted by the two Universities and to any other General Regulations, etc. of the University at which they are studying.

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

Water Resource Management

**Postgraduate Diploma in Water Resource Management**  
**Postgraduate Certificate in Water Resource Management**

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

**Admission**

19.44.131 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree from a United Kingdom university (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study
19.44.132 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.44.133 The courses are available by full-time and by part-time study.

Place of Study
19.44.134 The course is taught off-campus by University of Strathclyde staff.

Curriculum
19.44.135 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits including at least 12 from each of Lists A and B and 20 from List C for the Postgraduate Diploma – no fewer than 120 credits

List A
GB 805  Effective Project Management  5  6
GB 806  Effective Teamwork  5  6
GB 812  International Accounting and Finance  5  6
GB 814  International Human Resource Management  5  6
GB 816  Leadership  5  6
GB 831  Procurement Management  5  6

Exceptionally, such other classes as may be approved by the Course Director.

List B
EF 908  Information Management  5  12
EF 910  Risk Management  5  12
EF 912  Environmental Impact and Sustainability  5  12

List C
CP 902  Water Pollution Control Technology  5  12
CL 937  Hydrogeology for Water Resources  5  20
CL 938  Chemistry for Water Resources Management  5  20

Examination, Progress and Final Assessment
19.44.136 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.137 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

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

19.44.139 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Water Resource Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course, including at least 20 from List C.

19.44.140 to 19.44.200 (Numbers not used.)

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**Environmental Health**

**MSc in Environmental Health**
**Postgraduate Diploma in Environmental Health**
**Postgraduate Certificate in Environmental Health**

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

**Admission**
19.44.201 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**
19.44.202 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**
19.44.203 The course is available by full-time and part-time study.

**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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 468 Acoustics</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>CL 414 Meat Hygiene and Inspection</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>CL 904 Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 908 Food Inspection and Control</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 909 Food Safety and Hygiene</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 911 Introduction to Health &amp; Safety</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 912 Occupational Health and Toxicology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 913 Public Health Studies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 914 Infection and Vector Control</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
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

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

2. Students wishing to subsequently undergo professional training overseen by the Royal Environmental Health Institute of Scotland (REHIS) to attain the REHIS Diploma in Environmental Health required to practice as an Environmental Health Officer in Scotland may require to follow particular class choices approved by REHIS and published in the annual Course Handbook.

Students for the Degree of MSc only
17 900 Project 5 60

Examination, Progress and Final Assessment

19.44.205 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.206 The final assessment will be based on performance in the examinations, coursework and the Project where undertaken.

Award

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

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.

19.44.210 (Number not used)
Sustainability and Environmental Studies

MSc in Sustainability and Environmental Studies
Postgraduate Diploma in Sustainability and Environmental Studies
Postgraduate Certificate in Sustainability and Environmental Studies

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

Admission
19.44.211 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or
upper second class Honours degree) from a United Kingdom university in
any discipline; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate
to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of competence.

Duration of Study
19.44.212 Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study
19.44.213 The courses are available by full-time and part-time study.

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

for the Postgraduate Certificate – no fewer than 60 credits with at
least 20 credits from the list of compulsory classes.
for the Postgraduate Diploma – no fewer than 120 credits 40 credits of
compulsory classes and 80 credits of optional classes
for the degree of MSc – no fewer than 180 credits including a project:
40 credits of compulsory classes, 80 credits of optional classes, and a
60 credits project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 972 Sustainability &amp; Strategic Environmental Assessment</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 957 Qualitative and Quantitative Research Methods</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 913 International Environmental Policy</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 80 credits chosen from:
124
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>CL 955</td>
<td>Environmental Management Systems</td>
<td>5</td>
</tr>
<tr>
<td>CL 956</td>
<td>Environmental Business Strategy</td>
<td>5</td>
</tr>
<tr>
<td>CL 958</td>
<td>Recent Trends in Technological Progress</td>
<td>5</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
</tr>
<tr>
<td>CL 965</td>
<td>Science, Technology and Innovation Policy</td>
<td>5</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
</tr>
<tr>
<td>CL 975</td>
<td>Environmental Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>CL 974</td>
<td>Sustainable Transformation &amp; Accountability</td>
<td>5</td>
</tr>
<tr>
<td>EC 928</td>
<td>Energy Economics</td>
<td>5</td>
</tr>
<tr>
<td>EC 922</td>
<td>Principles of Economic Appraisal</td>
<td>5</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology Biodiversity and Sustainability</td>
<td>5</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded</td>
<td>5</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water and Environmental Management</td>
<td>5</td>
</tr>
<tr>
<td>M9 929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
</tr>
<tr>
<td>ME 927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
</tr>
<tr>
<td>CL 964</td>
<td>Principles of Sustainability</td>
<td>5</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
</tr>
<tr>
<td>CL 946</td>
<td>Global Water Policy</td>
<td>5</td>
</tr>
<tr>
<td>CL 969</td>
<td>Contaminated Land Management</td>
<td>5</td>
</tr>
<tr>
<td>CL9XX</td>
<td>Water &amp; Wastewater Treatment Design</td>
<td>5</td>
</tr>
<tr>
<td>CL973</td>
<td>Independent Study in Collaboration with Industry</td>
<td>5</td>
</tr>
<tr>
<td>M9 850</td>
<td>International Environmental Law</td>
<td>5</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EV 940</td>
<td>Project</td>
<td>5</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

19.44.215 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

19.44.217 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Sustainability and Environmental Studies, a candidate must have accumulated no fewer than 180 credits including 60 credits Project.

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.

19.44.220 (Number not used)
Science, Technology and Sustainability

Postgraduate Diploma in Science, Technology and Sustainability
Postgraduate Certificate in Science, Technology and Sustainability

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

Admission
19.44.221 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.44.222 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.44.223 The courses are available by full-time and part-time study.

Curriculum
19.44.224 Notwithstanding Regulation 19.1.12, all students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 978</td>
<td>Science, Technology and Innovation Policy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EV 929</td>
<td>Principles of Sustainable Development</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EV 956</td>
<td>International Environmental Policy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EV 958</td>
<td>Research Methods and Participatory Approaches</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 72 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 915</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>17 535</td>
<td>Recycling Urban Land</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>17 540</td>
<td>Transport, Development and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>17 967</td>
<td>Disaster Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>17 969</td>
<td>Globalisation and International Technology Markets</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>17 970</td>
<td>Recent Trends in Technological Progress</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>17 987</td>
<td>Development and Management of Technology</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>31 911</td>
<td>Pollution Control Policy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>31 966</td>
<td>Environmental Economics</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>BB 935</td>
<td>Biotechnology and the Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change and Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 934</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EV 938</td>
<td>Applied Strategic Environmental Assessment</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 959</td>
<td>Spatial Query and Analysis using GIS</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>LS 929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Such other Level 5 classes as may be approved by the Course Director
Examination, Progress and Final Assessment

19.44.225 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.44.227 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Science, Technology and Sustainability, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.44.228 Postgraduate Certificate: In order to qualify for the award of Postgraduate Certificate in Science, Technology and Sustainability, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

Environmental Science

MSc in Environmental Science
Postgraduate Diploma in Environmental Science
Postgraduate Certificate in Environmental Science

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

Admission

19.44.231 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

19.44.232 Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study

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

Place of Study

19.44.234 All classes are taught at the University of Strathclyde.

Curriculum

19.44.235 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits with at least 20 credits from the list of compulsory classes
for the Postgraduate Diploma – no fewer than 120 credits: 70 credits of compulsory classes and 50 credits of optional classes

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

### Compulsory Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 970</td>
<td>Environmental Pollution Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 971</td>
<td>Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931</td>
<td>Research Protocols for Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975</td>
<td>Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water Environment Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

either:

- EV 905 Ecology Biodiversity and Sustainability 5 10
- or
- EV 908 Pollution and Rehabilitation of Degraded Ecosystems 5 10

### Optional Classes

No fewer than 50 credits chosen from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 960</td>
<td>Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 964</td>
<td>Principles of Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 955</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 966</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

- EV 962 Project 5 60

### Examination, Progress and Final Assessment

19.44.236 Regulations 19.1.25 – 19.1.33 shall apply.

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

### Award

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

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

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

**Hydrogeology**

**MSc in Hydrogeology**
**Postgraduate Diploma in Hydrogeology**
**Postgraduate Certificate in Hydrogeology**

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

**Admission**

19.44.241 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or upper second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

**Duration of Study**

19.44.242 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**

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

**Place of Study**

19.44.244 As permitted by Regulation 19.1.7, there may be some off-campus work required.

**Curriculum**

19.44.245 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits with at least 20 credits from the list of compulsory classes
- for the Postgraduate Diploma – no fewer than 120 credits 80 credits of compulsory classes and 40 credits of optional classes
- for the degree of MSc – no fewer than 180 credits 80 credits of compulsory classes, 40 credits of optional classes, and a 60 credits dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 906</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 935</td>
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<td>10</td>
</tr>
<tr>
<td>CL 946</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 952</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 951</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>
Optional Classes

No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
</tr>
<tr>
<td>CL 948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>CL 972</td>
<td>Sustainability &amp; Strategic Environmental Assessment</td>
<td>5</td>
</tr>
<tr>
<td>CL 960</td>
<td>Fundamentals of Environmental Forensics</td>
<td>5</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
</tr>
<tr>
<td>CL 964</td>
<td>Principles of Sustainability</td>
<td>5</td>
</tr>
<tr>
<td>EC 927</td>
<td>Environmental Economics</td>
<td>5</td>
</tr>
<tr>
<td>EC 913</td>
<td>International Environmental Policy</td>
<td>5</td>
</tr>
<tr>
<td>EC 928</td>
<td>Energy Economics</td>
<td>5</td>
</tr>
<tr>
<td>EF 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water and Environmental Management</td>
<td>5</td>
</tr>
<tr>
<td>M9 929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
</tr>
<tr>
<td>CL973</td>
<td>Independent Study in Collaboration with Industry</td>
<td>5</td>
</tr>
<tr>
<td>M9 850</td>
<td>International Environmental Law</td>
<td>5</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 953</td>
<td>Dissertation in Hydrogeology</td>
<td>5</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.44.246 Regulations 19.1.25 – 19.1.33 shall apply.
19.44.247 The final assessment will be based on performance in the examinations, coursework and, the Dissertation where undertaken

Award

19.44.247 **Degree of MSc:** In order to qualify for the degree of MSc in Hydrogeology, a candidate must have accumulated no fewer than 180 credits from the course curriculum and a 60 credits dissertation.

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

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

19.44.250 (Number not used)
Department of Civil and Environmental Engineering via Open Access

Postgraduate Programme in Civil and Environmental Engineering via Open Access

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

MSc, Postgraduate Diploma and Postgraduate Certificate in:

Environmental Engineering (Open Access)
Environmental Entrepreneurship (Open Access)
Environmental Forensics (Open Access)
Environmental Health (Open Access)
Environmental Science (Open Access)
Geotechnics (Open Access)
Hydrogeology (Open Access)
Sustainability and Environmental Studies (Open Access)

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

Admission
19.44.251 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Mode of Study
19.44.252 The courses are available via Open Access.

Duration of Study
19.44.253 Regulations 19.1.5 and 19.1.6 shall apply.

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

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

Environmental Engineering (Open Access)
Environmental Entrepreneurship (Open Access)
Environmental Forensics (Open Access)
Environmental Health (Open Access)
Environmental Science (Open Access)
Geotechnics (Open Access)
Hydrogeology (Open Access)
Sustainability and Environmental Studies (Open Access)

All students shall undertake an approved curriculum as follows:
for the Postgraduate Certificate – no fewer than 60 credits with at least 20 credits from the list of compulsory classes.
for the **Postgraduate Diploma** – no fewer than 120 credits.
for the **degree of MSc** – no fewer than 180 credits including a project.

**All students shall undertake the following compulsory class:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 968</td>
<td>Open Access Residential Research Class</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>

### Environmental Engineering (Open Access)

#### Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975</td>
<td>Environmental Chemistry</td>
<td>5</td>
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</tbody>
</table>

#### Optional Classes*

No fewer than 70 credits chosen from:

<table>
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<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 507</td>
<td>Ground Improvement and Reinforcement</td>
<td>5</td>
<td>10</td>
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<tr>
<td>CL 970</td>
<td>Environmental Pollution Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 971</td>
<td>Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 960</td>
<td>Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954</td>
<td>Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
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</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water and Environmental Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 956</td>
<td>Environmental Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 946</td>
<td>Global Water Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 935</td>
<td>Hydrogeology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL9XX</td>
<td>Water &amp; Wastewater Treatment Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL973</td>
<td>Independent Study in Collaboration with Industry</td>
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</tr>
</tbody>
</table>

### Environmental Entrepreneurship (Open Access)

#### Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 929</td>
<td>Client-Based Environmental Entrepreneurship in Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG 9XX</td>
<td>Sustainable Transformation &amp; Accountability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 931</td>
<td>Entrepreneurship, Innovation and Commercialization</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1938</td>
<td>New Venture Creation</td>
<td>5</td>
<td>10</td>
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</table>

#### Optional Classes*

No fewer than 60 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>

132
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL965</td>
<td>Science, Technology and Innovation Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL955</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL956</td>
<td>Environmental Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL964</td>
<td>Principles of sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL958</td>
<td>Recent Trends in Technological Progress</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL973</td>
<td>Independent Study in Collaboration with Industry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9850</td>
<td>International Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC922</td>
<td>Principles of Economic Appraisal</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL972</td>
<td>Sustainability &amp; Strategic Environmental Assessment</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EC927</td>
<td>Environmental Economics</td>
<td>5</td>
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</table>

**Environmental Forensics (Open Access)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL954</td>
<td>Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL960</td>
<td>Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL975</td>
<td>Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>FS913</td>
<td>Fundamentals of Forensic Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9929</td>
<td>UK and EU Environmental Law</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>

**Optional Classes**

No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL971</td>
<td>Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL935</td>
<td>Hydrogeology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

**Environmental Health (Open Access)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL908</td>
<td>Food Inspection and Control</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL909</td>
<td>Food Safety and Hygiene</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL911</td>
<td>Introduction to Health &amp; Safety</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL912</td>
<td>Occupational Health and Toxicology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL913</td>
<td>Public Health Studies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL914</td>
<td>Infection and Vector Control</td>
<td>5</td>
<td>10</td>
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<tr>
<td>16468</td>
<td>Acoustics</td>
<td>4</td>
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</tr>
<tr>
<td>CL414</td>
<td>Meat Hygiene and Inspection</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>CL969</td>
<td>Contaminated Land Management</td>
<td>5</td>
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</table>
### Environmental Science (Open Access)

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 970</td>
<td>Environmental Pollution Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 971</td>
<td>Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921</td>
<td>Water and Environment Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 948</td>
<td>Principles of Environmental Microbiology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975</td>
<td>Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>or</td>
<td>EV 908 Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
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</table>

Optional Classes*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 960</td>
<td>Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 947</td>
<td>Climate Change Mitigation and Adaptation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908</td>
<td>Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 955</td>
<td>Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Geotechnics (Open Access)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 501</td>
<td>Foundation Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 917</td>
<td>Slopes and Walls</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 920</td>
<td>Introduction to Geotechnics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 922</td>
<td>Soil Modelling and Numerical Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 923</td>
<td>Rock Mechanics, Tunnelling and Groundwater</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 924</td>
<td>Geotechnical Design Project</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

### Hydrogeology (Open Access)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 975</td>
<td>Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954</td>
<td>Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 935</td>
<td>Hydrogeology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 946</td>
<td>Global Water Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 952</td>
<td>Aquifer Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 951</td>
<td>Groundwater Flow Modelling</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905</td>
<td>Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
EV 908  Pollution and Rehabilitation of Degraded Ecosystems 5  10
EV 921  Water and Environmental Management 5  10
CL 961  Geographical Information Systems (GIS) 5  10
M9 929  UK and EU Environmental Law 5  10
CL 960  Fundamentals of Environmental Forensics 5  10
CL 948  Principles of Environmental Microbiology 5  10
CL 972  Sustainability & Strategic Environmental Assessment 5  20
CL973  Independent Study in Collaboration with Industry 5  10

Sustainability and Environmental Studies (Open Access)

Compulsory Classes  Level  Credits
EC 913  International Environmental Policy 5  10
CL 972  Sustainability & Strategic Environmental Assessment 5  20

Optional Classes*  Level  Credits
No fewer than 80 credits chosen from:
ME 927  Energy Resources and Policy 5  10
EV 921  Water and Environment Management 5  10
17 540  Transport, Development and Sustainability 5  10
CL 970  Air Pollution Control 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 918  Learning for our Future: Sustainable Development Education 5  10
CL 948  Principles of Environmental Microbiology 5  10
EV 905  Ecology, Biodiversity and Sustainability 5  10
EV 908  Pollution and Rehabilitation of Degraded Ecosystems 5  10
CL 955  Environmental Management Systems 5  10
CL 956  Environmental Business Strategy 5  10
EV 939  Environmental Impact Assessment 5  10
CL 961  Geographical Information Systems (GIS) 5  10
M9 929  UK and EU Environmental Law 5  10
CL 965  Science, Technology and Innovation Policy 5  10
CL 958  Recent Trends in Technological Progress 5  10
CL 975  Environmental Chemistry 5  10
AG 9xx  Sustainable Transformation & Accountability 5  10
CL9XX  Water & Wastewater Treatment Design 5  10
CL973  Independent Study in Collaboration with Industry 5  10

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

Students for the degree of MSc only:
EV 940  Project 5  60
Examination, Progress and Final Assessment

19.44.256 Regulation 19.1.19 shall apply.

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

Award

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

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

19.44.260 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in a named pathway, a candidate must have accumulated no fewer than 60 credits, with at least 20 credits from the list of compulsory classes.
Computer Aided Engineering Design

MSc in Computer Aided Engineering Design
Postgraduate Diploma in Computer Aided Engineering Design
Postgraduate Certificate in Computer Aided Engineering Design

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

Admission
19.45.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study
19.45.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.45.3 The courses are available by full-time and part-time study and by distance learning.

Curriculum
19.45.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits chosen 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 a project

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 923 Product Modelling and Visualisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 925 Systems Integration</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 929 CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 931 Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>EF 927 Design Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fewer than 40 credits chosen from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DM 919 Modelling of Manufacturing and Business</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DM 922 CAED Software Systems Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 924 Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 930 Knowledge Engineering and Management for</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Engineers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DM 934 Design Methods</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF930 Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Exceptionally, such other classes at Level 5 totalling no more than 20 credits, as approved by the Course Director.

Students for the degree of MSc only:
DM 932 Postgraduate Individual Project 5 60

**Examination, Progress and Final Assessment**

19.45.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.6 The final assessment will be based on performance in the examinations, coursework, the Postgraduate Individual Project where undertaken and, if required, in an oral examination.

**Award**

19.45.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Computer Aided Engineering 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 Postgraduate Individual Project.

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

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

19.45.10 to 19.45.120 (Numbers not used)

**Mechatronics and Automation**

**MSc in Mechatronics and Automation**
Postgraduate Diploma in Mechatronics and Automation
Postgraduate Certificate in Mechatronics and Automation

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

**Admission**

19.45.121 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.45.122 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.45.123 The courses will be available at locations which have agreements with the host department and at the University of Strathclyde. In all cases the courses will be taught by staff of the Faculty of Engineering.

**Mode of Study**
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
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 923 Product Modelling and Visualisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 924 Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 931 Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>DM 942 Manufacturing Automation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 30 credits chosen from:

- DM 922 CAED Software Systems Design                   | 5     | 10      |
- DM 925 Systems Integration                            | 5     | 10      |
- DM 930 Knowledge Engineering and Management for Engineers | 5     | 10      |
- DM 934 Design Methods                                 | 5     | 10      |
- EE 972 Control Principles                             | 5     | 20      |
- EE 982 Control Techniques                             | 5     | 20      |

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

Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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.

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.

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.
Digital Creativity

MSc in Digital Creativity
Postgraduate Diploma in Digital Creativity
Postgraduate Certificate in Digital Creativity

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

Admission
19.45.161 Notwithstanding Regulation 19.1.1, successful applicants shall
(i) possess a first or second class Honours degree in an Engineering
    Design-related, Science or Technology subject; or
(ii) a qualification deemed by the Course Director acting on behalf of the
    Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.45.162 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.45.163 The courses are available by full-time or part-time study.

Curriculum
19.45.164 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
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 976</td>
<td>VR and Rapid Prototyping</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 977</td>
<td>Digital Media</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 923</td>
<td>Product Modelling and Visualisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 931</td>
<td>Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>EF 930</td>
<td>Information Management</td>
<td>5</td>
<td>10</td>
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Optional Classes
No fewer than 30 credits chosen from:
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 924</td>
<td>Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 929</td>
<td>CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 930</td>
<td>Knowledge Engineering and Management for Engineers</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 934</td>
<td>Design Methods</td>
<td>5</td>
<td>10</td>
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</tbody>
</table>

Students for the degree of MSc only:
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 932</td>
<td>Postgraduate Individual Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director.

**Examination, Progress and Final Assessment**


19.45.166 Notwithstanding Regulation 19.1.30, 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.

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

**Award**

19.45.168 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Digital Creativity, 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.

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

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

19.45.171 to 19.45.190 (Numbers not used)

**Operations Management in Engineering**

**MSc in Operations Management in Engineering**

Postgraduate Diploma in Operations Management in Engineering

Postgraduate Certificate in Operations Management in Engineering

**Course Regulations**

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

**Admission**

19.45.191 Regulations 19.1.1 and 19.1.2 shall apply

**Duration of Study**

19.45.192 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.45.194 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate - no fewer than 60 credits
for the Postgraduate Diploma - no fewer than 120 credits
for the degree of MSc - no fewer than 180 credits including an individual project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB 975 Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 918 People, Organisation and Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 920 Strategic Technology Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 931 Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>DM 933 Engineering Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 935 Management of Total Quality and Continuous Improvement</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 969 Advanced Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 926 Supply Chain Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 941 Fundamentals of Lean Six Sigma</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 945 Systems Thinking and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Students for the degree of MSc only:</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 932 Postgraduate Individual Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.45.195 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.196 The final assessment will be based on performance in the examinations, coursework, and the Individual Project where undertaken.

Award

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

19.45.198 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Operations Management in Engineering 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 Operations Management in Engineering a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.45.200 (Number not used).
Systems Engineering

MSc in Systems Engineering

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

The course is offered through the Systems Engineering Doctorate Centre, a collaboration involving the University of Strathclyde, the Universities of Bath, Leicester, Loughborough and Queen’s University Belfast. 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
19.45.201 Students will normally have been admitted in the first instance to the degree of EngD in Systems Engineering.

Duration of Study
19.45.202 Regulations 19.1.5 and 19.1.6 shall apply.

Nature of Study
19.45.203 The course is available by full-time study only.

Curriculum
19.45.204 All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 961</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>56 962</td>
<td>5</td>
<td>50</td>
</tr>
<tr>
<td>56 963</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

* delivered at Loughborough University
** delivered at the University of Bath

Optional Classes
No fewer than 30 credits chosen from the optional classes listed in Regulation 20.45.4

Examination, Progress and Final Assessment
19.45.205 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.206 The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award
19.45.207 Degree of MSc: In order to qualify for the award of the degree of MSc in Systems Engineering, 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 Dissertation.
Supply Chain Management Programme (UK)

MSc in Supply Chain and Operations Management
Postgraduate Diploma in Supply Chain and Operations Management
Postgraduate Certificate in Supply Chain and Operations Management

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

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

Admission
19.45.211 Regulation 19.1.1 shall apply

Mode of Study
19.45.212 The courses are available by full-time or part-time study.

Place of Study
19.45.213 The courses are taught at the University of Strathclyde and also off-campus by University of Strathclyde staff at overseas locations.

Curriculum
19.45.214 All students shall undertake an approved curriculum as follows:

Students will have the option of choosing a specialism from three options: Operations Management, Procurement Management and Logistics Management that will lead to the corresponding award.

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 individual project.

Students are required to take all core classes and all compulsory classes relevant to their chosen stream.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DM 927 Strategic Supply Chain Management 5 10
DM 926 Supply Chain Operations 5 10
DM 928 Enterprise Resource Planning 5 10
DM 935 Management of Total Quality and Continuous Improvement 5 10
DM 944 Product Costing and Financial Management 5 10
MS 969 Advanced Project Management 5 10
MS 971 Business, Operations and Supply Chain Strategy 5 10
MS 970 Case Studies in Supply Chain Management 5 20

Together with classes appropriate to the chosen specialism

**Operations Management specialism**
DM 941 Fundamentals of Lean Six Sigma 5 10
MS 957 Service Operations Management 5 10
Option (see list below) 5 10

**Logistics Management specialism**
DM 982 Logistics 5 10
MS 924 Spreadsheet Modelling and Demand Forecasting 5 10
Option (see list below) 5 10

**Procurement Management specialism**
BF 956 Organisational Buying Behaviour and Structures 5 10
BF 982 Strategic Procurement Management 5 10
Option (see list below) 5 10

Students for the degree of MSc only:
DM 932 Postgraduate Individual Project 5 60

A list of optional classes is provided below where the O, L, P superscript denotes suitability for chosen specialism (Operations, Logistic and Procurement respectively).

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 918 People, Organisation and Technology OLP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 920 Strategic Technology Management OP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 921 Facilities Management OL</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 934 Design Methods O</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 945 Systems Thinking and Modelling OLP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 922 Quantitative Business Analysis OLP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 924 Spreadsheet Modelling and Demand Forecasting OLP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 926 Business Simulation Methods P</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 927 Risk Analysis and Management LP</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 929 Performance Measurement and Management O</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

**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 Individual Project where undertaken and, if required, in an oral examination.

**Award**

**Degree of MSc:** In order to qualify for the award of the degree of MSc in Supply Chain and Operations Management and in Supply Chain and Logistics Management and in Supply Chain and Procurement 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.

**Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Supply Chain and Operations Management and in Supply Chain and Logistics Management and in Supply Chain and Procurement 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 Supply Chain and Operations Management and in Postgraduate Certificate in Supply Chain and Logistics Management and in Supply Chain and Procurement Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

**Supply Chain Management Programme (UAE)**

**MSc in Supply Chain and Operations Management**
- Postgraduate Diploma in Supply Chain and Operations Management
- Postgraduate Certificate in Supply Chain and Operations Management

**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

**Course Regulations**
[These regulations are to be read in conjunction with General Regulation 19.1]
The courses are taught at the University of Strathclyde and also off-campus by University of Strathclyde staff at overseas locations.

**Curriculum**

All students shall undertake an approved curriculum as follows:

Students will have the option of choosing a specialism from three options: Operations Management, Procurement Management and Logistics Management that will lead to the corresponding award.

- 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 individual project.

Students are required to take all core classes and all compulsory classes relevant to their chosen stream.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 971 Supply Chain Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 972 Strategic Supply Chain Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 973 Enterprise Resource Planning</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 974 Management of Total Quality and Continuous Improvement</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 976 Product Costing and Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 910 Advanced Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 911 Business, Operations and Supply Chain Strategy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>MS 912 Case Studies in Supply Chain Management</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

together with classes appropriate to the chosen specialism

**Operations Management specialism**

| DM 975 Fundamentals of Lean Six Sigma                   | 5     | 10      |
| MS 957 Service Operations Management                    | 5     | 10      |
| Option (see list below)                                | 5     | 10      |

**Logistics Management specialism**

| NM 922 Logistics                                       | 5     | 12      |
| MS 915 Logistics Network Optimisation and Simulation   | 5     | 10      |
| Option (see list below)                                | 5     | 10      |
Procurement Management specialism

BF 953 Strategic Procurement Management 5 15
BF 956 Organisational Buying Behaviour and Structures 5 10
Option (see list below) 5 10

Students for the degree of MSc only:
DM 5xx Individual Project (Logistics Management) 5 60
or
DM 5xx Individual Project (Operations Management) 5 60
or
DM 5xx Individual Project (Procurement Management) 5 60

A list of optional classes is provided below where the O, L, P superscript denotes suitability for chosen specialism (Operations, Logistic and Procurement respectively). In exceptional circumstances, with the discretion of the Course Director, these options may be substituted with other available modules that are considered appropriate for the chosen specialism.

Optional Classes

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10</td>
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<td>5</td>
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<td>5</td>
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<tr>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.45.225 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.226 The final assessment will be based on performance in the examinations, coursework, the Individual Project where undertaken and, if required, in an oral examination.

Award

19.45.227 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Supply Chain and Operations Management and in Supply Chain and Logistics Management and in Supply Chain and Procurement 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.

19.45.228 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Supply Chain and Operations Management and in Supply Chain and Logistics Management and in Supply Chain and Procurement Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.45.229 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Supply Chain and Operations Management and in Postgraduate Certificate in Supply Chain and Logistics Management and...
in Supply Chain and Procurement Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.45.230
to 19.45.260 (Numbers not used)

Global Innovation Management

MSc in Global Innovation Management

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

The course is offered jointly between the University of Strathclyde, Aalborg Universität, Technische Universität Hamburg-Harburg and the awards are made in the name of two universities; Strathclyde and one of Aalborg or Hamburg-Harburg, depending on where the students study in their second year.

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 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 each of the partner institutions. The administering University will be responsible for administering the application process, collecting and distributing fees to partners and heading the board of examiners.

Admission
19.45.261 Candidates shall normally:
(i) possess a bachelors degree or the normal equivalent, at the equivalent of 2nd class level, in an Engineering, Science or Technology subject
(ii) be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
19.45.262 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study
19.45.263 The course will be taught at the University of Strathclyde in the first year. At Strathclyde the course will be taught by staff of the Faculty of Engineering, by staff of the Faculty of Engineering and Science, at Aalborg, and by staff of the School of Management Sciences and Technology at Hamburg-Harburg.

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 501 Industrial Group Project 2 | 5 | 20 (10)
DM 503 Global Design | 5 | 10 (5)
DM 918 People, Organisation and Technology | 5 | 10 (5)
DM 920 Strategic Technology Management | 5 | 10 (5)
DM 926 Supply Chain Operations | 5 | 10 (5)
DM 934 Design Methods | 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 924 Product Design Techniques | 5 | 20 (10)
DM 925 Systems Integration | 5 | 10 (5)
DM 927 Strategic Supply Chain Management | 5 | 10 (5)
DM 928 Enterprise Resource Planning | 5 | 10 (5)
DM 930 Knowledge Engineering and Management for Engineers | 5 | 10 (5)
DM 933 Engineering Risk Management | 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)
EF 930 Information Management | 5 | 10 (5)
Such other classes as may be approved by the Course Coordinator.

Second Year
Students shall spend their second year at either Aalborg or Hamburg-Harburg and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows:

Aalborg
Compulsory Classes
DM 904 Graduation Project | 5 | 60 (30)
DM 906 Industrial Internship | 5 | 60 (30)

Hamburg-Harburg
Compulsory Classes
DM 910 Master Thesis | 5 | 60 (30)
EX 922 External Study Credits | 5 | 48 (24)

Optional Classes
No fewer than 12 credits (6 ECTS)
EX 923 External Study Credits | 5 | 12 (6)
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 110 credits/ 55 ECTS from the agreed curriculum.

19.45.268 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt.

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

Award

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

Transfer

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

19.45.272 to 19.45.280 (Numbers not used)
Global Innovation Management

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

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

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

Nature of Study
19.45.282 The course is available by full-time study only.

Curriculum
19.45.283 See Regulation 19.45.265, First Year Curriculum.

Examination, Progress and Final Assessment
19.45.284 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.285 The final assessment will be based on performance in the examinations and coursework and, if required, in an oral examination.

Award
19.45.286 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Global Innovation Management, a candidate must have accumulated no fewer than 120 credits from the course curriculum.
19.45.287 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Global Innovation Management, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
19.45.288 to 19.45.290 (Numbers not used)

Lean Six Sigma for Process Excellence

MSc in Lean Six Sigma for Process Excellence
Postgraduate Diploma in Lean Six Sigma for Process Excellence
Postgraduate Certificate in Lean Six Sigma for Process Excellence

Course Regulations
[These regulations are to be read in conjunction with Regulation19.1]

Admission
19.45.291 Regulations 19.1.1 and 19.1.2 shall apply

Mode of Study
19.45.292 The courses are available by full-time or part-time study.

Curriculum
All students shall undertake an approved curriculum as follows:
for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MSc – no fewer than 180 credits including an Individual Project

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 918 People, Organisation and Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 931 Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>DM 935 Management of Total Quality and Continuous Improvement</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 941 Fundamentals of Lean Six Sigma</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 945 Systems Thinking and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 949 Design of Experiments for Process Optimisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 922 Quantitative Business Analysis</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 926 Supply Chain Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>GB 816 Leadership</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 957 Service Operations Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 969 Advanced Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 932 Individual Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.45.293 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.294 The final assessment will be based on performance in the examinations, coursework, the Individual Project where undertaken and, if required, in an oral examination.

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.

19.45.296 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.45.297 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Lean Six Sigma for Process Excellence a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.45.298 to 19.45.300 (Numbers not used)
Product Engineering Design

MSc in Product Engineering Design
Postgraduate Diploma in Product Engineering Design
Postgraduate Certificate in Product Engineering Design

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

Admission
19.45.301 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study
19.45.302 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.45.303 The courses are available by full-time and part-time study.

Curriculum
19.45.304 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 including those for all the compulsory classes
- for the degree of MSc – no fewer than 180 credits including a project

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 923 Product Modelling and Visualisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 924 Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 929 CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 931 Postgraduate Group Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>EF 927 Design Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 30 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 925 Systems Integration</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 930 Knowledge Engineering and Management For Engineers</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 934 Design Methods</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 943 Sustainable Product Design and Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930 Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932 Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director.
Students for the degree of MSc only:
DM 932 Postgraduate Individual Project 5 60

Examination, Progress and Final Assessment
19.45.305 Regulations 19.1.25 – 19.1.33 shall apply.
19.45.306 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award
19.45.307 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Product Engineering 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 Postgraduate Individual Project.
19.45.308 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Product Engineering Design, a candidate must have accumulated no fewer than 120 credits from the course curriculum.
19.45.309 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Product Engineering Design, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.45.310 (Numbers not used)

Advanced Manufacturing: Technology and Systems

Advanced Manufacturing: Forging and Forming

**MSc in Advanced Manufacturing: Technology and Systems**
**MSc in Advanced Manufacturing: Forging and Forming**
**Postgraduate Diploma in Advanced Manufacturing**
**Postgraduate Certificate in Advanced Manufacturing**

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

Admission
19.45.311 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.
Students for the MSc in Advanced Manufacturing: Forging and Forming will normally be admitted in the first instance to the EngD in Advanced Manufacturing: Forging and Forming

Duration of Study
19.45.312 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.45.313 The courses are available by full-time and part-time study.

Curriculum
19.45.314 All students shall undertake an approved curriculum as follows:
for the Postgraduate Certificate – no fewer than 60 credits chosen from List A
for the Postgraduate Diploma – no fewer than 120 credits including all the Compulsory Modules
for the degree of MSc – no fewer than 180 credits including Postgraduate Individual Project

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

<table>
<thead>
<tr>
<th>Compulsory Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 920 Strategic Technology Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 942 Manufacturing Automation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 946 Micro- and Nano-Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 947 Advanced Forming and Technology Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 948 Advanced Materials and Production Technology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

for 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**

65 966 Research Methodology | 5 | 10

and 60 credits from the list of optional classes below

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 924 Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 925 Systems Integration</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 927 Strategic Supply Chain Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 929 CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 941 Fundamentals of Lean Six Sigma</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 943 Sustainable Product Design and Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 945 Systems Thinking and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 949 Design of Experiments for Process Optimisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930 Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc:

DM 932 Postgraduate Individual Project | 5 | 60

**Examination, Progress and Final Assessment**

19.45.315 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**
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.

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.

Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Advanced Manufacturing, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
19.46 Department of Electronic and Electrical Engineering

Communications, Control and Digital Signal Processing

MSc in Communications, Control and Digital Signal Processing
Postgraduate Diploma in Communications, Control and Digital Signal Processing
Postgraduate Certificate in Communications, Control and Digital Signal Processing

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

Admission
19.46.1 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
(iii) appropriate professional experience.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study
19.46.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.46.3 The courses are available by full-time and part-time study.

Curriculum
19.46.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from List A and B
for the Postgraduate Diploma – no fewer than 120 credits including all the classes in List A
for the degree of MSc – no fewer than 180 credits including all the classes in Lists A and C

List A

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE969</td>
<td>Digital Signal Processing Principles</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE970</td>
<td>Information Transmission and Security</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE972</td>
<td>Control Principles</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE986</td>
<td>Assignment and Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students who have previously successfully completed a class in List A will be required to undertake an appropriate alternative class as determined by the Course Director.

List B

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE971</td>
<td>Communications Networks</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE978</td>
<td>Advanced Digital Signal Processing</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
Students may not select any class from List B which they have previously successfully completed.

List C

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>19900</td>
<td>Project</td>
<td>5  60</td>
</tr>
</tbody>
</table>

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

Examination, Progress and Final Assessment

19.46.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.46.6 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

19.46.7 Degree of MSc: In order to qualify for the award of the degree of MSc in Communications, Control and Digital Signal Processing, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Project.
19.46.8 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Communications, Control and Digital Signal Processing, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.46.9 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Communications, Control and Digital Signal Processing, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.46.10 to 19.46.19 (numbers not used)

Electrical Power Engineering with Business

MSc in Electrical Power Engineering with Business
Postgraduate Diploma in Electrical Power Engineering with Business
Postgraduate Certificate in Electrical Power Engineering with Business

Course Regulations

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

Admission

19.46.20 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
(iii) appropriate professional experience.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competency in English.

Duration of Study
19.46.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.46.22 The courses are available by full-time and part-time study.

Curriculum
19.46.23 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from List A and B
for the Postgraduate Diploma – no fewer than 120 credits including all the classes in List A
for the degree of MSc – no fewer than 180 credits including all the classes in Lists A and C

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE973 Advanced Power System Analysis and Protection 5 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EE974 High Voltage Technology and Electromagnetic Compatibility 5 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EE975 Power Electronics for Energy and Drive Control 5 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EE986 Assignment and Professional Studies 5 20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students who have previously successfully completed a class in List A will be required to undertake an appropriate alternative class as determined by the Course Director.

List B
EE976 Power System Economics, Markets and Asset Management 5 20
EE977 Wind Energy and Distributed Energy Resources 5 20
EE984 Wind Power Control and Operation 5 20
EE985 Software Engineering 5 20
MS952 Regulation and Competition in Network Industries 5 20

Students may not select any class from List B which they have previously successfully completed

List C
19 900 Project 5 60

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

Examination, Progress and Final Assessment
19.46.24 Regulations 19.1.25 – 19.1.33 shall apply.
19.46.25 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

**Award**

19.46.26 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Electrical Power Engineering with Business, 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.

19.46.27 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electrical Power Engineering with Business, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.46.28 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electrical Power Engineering with Business, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.46.29 to 19.46.40 (Numbers not used)

**Electricity Industry Management and Technology**

- **MSc in Electricity Industry Management and Technology**
- **Postgraduate Diploma in Electricity Industry Management and Technology**
- **Postgraduate Certificate in Electricity Industry Management and Technology**

**Course Regulations**

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

**Admission**

19.46.41 Regulations 19.1.1 and 19.1.2 shall apply.

**Mode of Study**

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

**Curriculum**

19.46.43 All students shall undertake an approved curriculum as follows:

   - for the Postgraduate Certificate – no fewer than 60 credits chosen from List A
   - for the Postgraduate Diploma – no fewer than 120 credits including all the classes in List A
   - for the degree of MSc – no fewer than 180 credits including a project
<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 940 General and Strategic Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 941 Financial Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 942 Information Systems Strategy</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 943 Power System Operation and Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 944 Power System Economics and Regulatory Issues</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List B</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 945 Power Generation Technologies: Electrical</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 946 Power Generation Technologies: Mechanical</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 947 Power System Analysis and Design</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 948 Power System Protection, Control and Monitoring</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 949 Power Engineering and the Environment</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 950 High Voltage Engineering</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 951 Energy Management and System Analysis</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 952 Manufacturing Systems for Power Plant</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 953 Project and Contract Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 954 Human Resource Management</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 955 Intelligent System Applications in Power Engineering</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 956 Networking and Communications</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>19 957 Database Management and Applications</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

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:**

| 19 900 Project | 5 | 60 |

**Examination, Progress and Final Assessment**

19.46.44 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

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

19.46.47 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Electricity Industry Management and Technology, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.46.48 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Electricity Industry Management and Technology, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.46.49 to 19.46.59 (Numbers not used)
Electronic and Electrical Engineering

MSc in Electronic and Electrical Engineering
Postgraduate Diploma in Electronic and Electrical Engineering
Postgraduate Certificate in Electronic and Electrical Engineering

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

Admission
19.46.60 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree (in Electrical or Electronic
   Engineering in a cognate subject) from a United Kingdom university;
or
(ii) a qualification deemed by the Course Director acting on behalf of
    Senate to be equivalent; or
(iii) appropriate professional experience

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

Duration of Study
19.46.61 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study
19.46.62 The courses are available by full-time and part-time study only.

Curriculum
19.46.63 All students shall undertake an approved curriculum as follows:

   for the Postgraduate Certificate – no fewer than 60 credits from List A
   and B
   for the Postgraduate Diploma – no fewer than 120 credits including all
   the classes in List A
   for the degree of MSc – no fewer than 180 credits including all the
   classes in Lists A and C

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE986 Assignment and Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

List B
EE966 Power Electronics, Machines and Applications | 5 | 20
EE967 Power System Design, Operation and Protection | 5 | 20
EE969 Digital Signal Processing Principles | 5 | 20
EE970 Information Transmission and Security | 5 | 20
EE971 Communications Networks | 5 | 20
EE972 Control Principles | 5 | 20
EE973 Advanced Power System Analysis and Protection | 5 | 20
EE974 High Voltage Technology and Electromagnetic Compatibility | 5 | 20
EE975 Power Electronics for Energy and Drive Control | 5 | 20

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EE976  Power System Economics, Markets and Asset Management  5  20
EE977  Wind Energy and Distributed Energy Resources  5  20
EE978  Advanced Digital Signal Processing  5  20
EE980  Embedded System Design  5  20
EE981  Image and Video Processing  5  20
EE982  Control Techniques  5  20
EE983  Mobile and Wireless Networks  5  20
EE984  Wind Power Control and Operation  5  20
EE985  Software Engineering  5  20

Students may not select any class from List B which they have previously successfully completed.

List C
19 900  Project  5  60

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

Examination, Progress and Final Assessment

19.46.64  Regulations 19.1.25 – 19.1.33 shall apply.
19.46.65  The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.

Award

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

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

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

19.46.69 to 19.46.99 (Numbers not used)

Signal Processing

**MSc in Signal Processing**
**Postgraduate Diploma in Signal Processing**
**Postgraduate Certificate in Signal Processing**

Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1.]
Admission
19.46.100 Regulations 19.1.1, applicants shall possess
(i) a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
(iii) appropriate professional experience.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competency English.

Duration of Study
19.46.101 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.46.102 The courses are available by full-time and part-time study only.

Curriculum
19.46.103 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from List A and B
for the Postgraduate Diploma – no fewer than 120 credits from Lists A and B including all the classes in List A
for the degree of MSc – no fewer than 180 credits including all the classes in List A and the Project

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE969 Digital Signal Processing Principles</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE978 Advanced Digital Signal Processing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE980 Embedded System Design</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE981 Image and Video Processing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE986 Assignment and Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students who have previously successfully completed a class in List A will be required to undertake an appropriate alternative class as determined by the Course Director.

List B
<table>
<thead>
<tr>
<th>List B</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE970 Information Transmission and Security</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE971 Communications Networks</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE983 Mobile and Wireless Networks</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students may not select any class from List B which they have previously successfully completed

Students for the degree of MSc only
| 19 900 Project |
|---------------|---------|
| 5            | 60      |

Students without appropriate background knowledge may be required additionally to undertake selected foundation classes.
Examination, Progress and Final Assessment

19.46.104 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

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

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

19.46.109 to 19.46.110 (Numbers not used)

Communications Technology and Policy

**MSc in Communications Technology and Policy**

**Postgraduate Diploma in Communications Technology and Policy**

**Postgraduate Certificate in Communications Technology and Policy**

Course Regulations

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

Admission

19.46.111 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or

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

(iii) appropriate professional experience.

In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of competency in 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 List A and B
for the Postgraduate Diploma – no fewer than 120 credits including all the classes in List A
for the degree of MSc – no fewer than 180 credits including all the classes in List A and C

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE971 Communications Networks 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>EE983 Mobile and Wireless Networks 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>EE986 Assignment and Professional Studies 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>MS952 Regulation and Competition in Network Industries 5</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Students who have previously successfully completed a class in List A will be required to undertake an appropriate alternative class as determined by the Course Director.

List B

<table>
<thead>
<tr>
<th>List B</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF906 Topics in Communications Management 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>EE970 Information Transmission and Security 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>EE985 Software Engineering 5</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>MS918 Communications Environment 5</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>MS919 The Principles and Practice of Communication Policy 5</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Students may not select any class from List B which they have previously successfully completed.

List C

<table>
<thead>
<tr>
<th>List C</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 900 Project 5</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

Students without appropriate background knowledge may be required additionally 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, the Project where undertaken and, if required, in an oral examination.

**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.

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 taught classes of the course.

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 taught classes of the course.
Wind Energy Systems

MSc in Wind Energy Systems
Postgraduate Diploma in Wind Energy Systems
Postgraduate Certificate in Wind Energy Systems

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

Admission
19.46.140 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree (in Electrical or Electronic
Engineering or a cognate subject) from a United Kingdom university;
or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent; or
(iii) appropriate professional experience
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.46.141 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study
19.46.142 The courses are available by full-time and part-time study only.

Curriculum
19.46.143 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from lists A
and B
for the Postgraduate Diploma – no fewer than 120 credits from lists A
and B including all the classes in List A
for the degree of MSc – no fewer than 180 credits, from Lists A and B
including all the classes in List A and a project.

List A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 9XX</td>
<td>Wind Turbine Technology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE 9YX</td>
<td>Wind Turbine Control</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 9XY</td>
<td>Power Systems and Wind Integration</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE 986</td>
<td>Assignment and Professional Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

List B

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 981</td>
<td>Socio-Economics of Energy Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 961</td>
<td>Wind Turbine Power Conversion</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 966</td>
<td>Power Electronics, Machines and Applications</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE 967</td>
<td>Power System Design, Operation and Protection</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EE 973</td>
<td>Advanced Power System Analysis and Protection</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
EE 975  Power Electronics for Energy and Drive Control  5  20  
EE 976  Power System Economics, Markets and Asset Management  5  20  
NM 999  Mechanical Systems and Turbine Design  5  10  

Students may not select any class from List B which they have previously successfully completed.

Students for the degree of MSc only

19 900  Project  5  60  

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

Examination, Progress and Final Assessment
19.46.144 Regulations 19.1.25 – 19.1.33 shall apply.
19.46.145 The final assessment will be based on performance in the examinations, coursework and the 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.
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 taught classes of the course.
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 taught classes listed in either Regulation 19.46.143 or Regulation 20.46.24.

19.46.149

Advanced Electrical Power Engineering

MSc in Advanced Electrical Power Engineering

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

Admission
19.46.160 Notwithstanding Regulation 19.1.1, applicants shall possess
(i)  a first or second class Honours degree (in Electrical and Electronic Engineering or a cognate subject) from a United Kingdom university; or
(ii)  a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
(iii)  appropriate professional experience
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**

19.46.161 Regulations 19.1.4 and 19.1.5 shall apply. The normal duration of study will be:

for the degree of Master by full-time study – 24 months

**Mode of Study**

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

**Curriculum**

19.46.163 All students shall undertake an approved curriculum as follows:

for the degree of MSc – no fewer than 240 credits from lists A, B and C including all the classes in Lists A and C.

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 973</td>
<td>Advanced Power System Analysis and Protection</td>
<td>5</td>
</tr>
<tr>
<td>EE 974</td>
<td>High Voltage Technology and Electromagnetic Compatibility</td>
<td>5</td>
</tr>
<tr>
<td>EE 975</td>
<td>Power Electronics for Energy and Drive Control</td>
<td>5</td>
</tr>
<tr>
<td>EE 976</td>
<td>Power System Economics, Markets and Asset Management</td>
<td>5</td>
</tr>
<tr>
<td>EE 977</td>
<td>Wind Energy and Distributed Energy Resources</td>
<td>5</td>
</tr>
<tr>
<td>MS 952</td>
<td>Regulation and Competition in Network Industries</td>
<td>5</td>
</tr>
<tr>
<td>EE 986</td>
<td>Assignment and Professional Studies</td>
<td>5</td>
</tr>
</tbody>
</table>

Students who have previously successfully completed a class in List A will be required to undertake an appropriate alternative class as determined by the Course Director.

<table>
<thead>
<tr>
<th>List B</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 969</td>
<td>Digital Signal Processing Principles</td>
<td>5</td>
</tr>
<tr>
<td>EE 970</td>
<td>Information Transmission and Security</td>
<td>5</td>
</tr>
<tr>
<td>EE 971</td>
<td>Communications Networks</td>
<td>5</td>
</tr>
<tr>
<td>EE 972</td>
<td>Control Principles</td>
<td>5</td>
</tr>
<tr>
<td>EE 982</td>
<td>Control Techniques</td>
<td>5</td>
</tr>
<tr>
<td>EE 985</td>
<td>Software Engineering</td>
<td>5</td>
</tr>
</tbody>
</table>

Students may not select any class from List B which they have previously successfully completed.

<table>
<thead>
<tr>
<th>List C</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 900</td>
<td>Project</td>
<td>5</td>
</tr>
</tbody>
</table>

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

**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 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 Engineering, 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.

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.
Department of Mechanical and Aerospace Engineering

**Power Plant Engineering**

**MSc in Power Plant Engineering**  
**Postgraduate Diploma in Power Plant Engineering**  
**Postgraduate Certificate in Power Plant Engineering**

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

**Admission**

19.47.1 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

**Duration of Study**

19.47.2 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.47.4 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits from the classes in Lists A and B
- for the Postgraduate Diploma – no fewer than 120 credits, including no fewer than 80 from the classes in List A and no fewer than 30 from the classes in List B.
- for the degree of MSc – no fewer than 180 credits, including the Project.

**Classes**

**List A: Specialist Classes * **

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 917</td>
<td>Advanced Boiler Technologies 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 918</td>
<td>Advanced Boiler Technologies 2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 919</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 920</td>
<td>Materials for Power Plant</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 921</td>
<td>Environmental Performance and Related Technologies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 922</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 923</td>
<td>Gas and Steam Turbines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 924</td>
<td>Power Plant Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 926</td>
<td>Nuclear Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
List B: Faculty-wide Classes *

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 927</td>
<td>Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930</td>
<td>Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 929</td>
<td>Financial Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 975</td>
<td>Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 900</td>
<td>Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

19.47.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.47.6 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

**Award**

19.47.7 Degree of MSc: In order to qualify for the award of the degree of MSc in Power Plant 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.
19.47.8 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Power Plant Engineering, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.47.9 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Power Plant Engineering, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.47.10 (Number not used)

**Power Plant Technologies**

**MSc in Power Plant Technologies**

**Postgraduate Diploma in Power Plant Technologies**

**Postgraduate Certificate in Power Plant Technologies**

**Course Regulations**

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

**Admission**

19.47.11 Notwithstanding Regulation 19.1.1, applicants shall possess

(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or

(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**
19.47.12 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**
19.47.13 The courses are available by full-time study only.

**Curriculum**
19.47.14 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits from the classes in Lists A and B
- for the Postgraduate Diploma – no fewer than 120 credits, including no fewer than 80 from the classes in List A and no fewer than 30 from the classes in List B
- for the degree of MSc – no fewer than 180 credits including a Project

**Classes**

<table>
<thead>
<tr>
<th>List A: Specialist Classes *</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 917 Advanced Boiler Technologies 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 918 Advanced Boiler Technologies 2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 929 Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 920 Materials for Power Plant</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 921 Environmental Performance and Related Technologies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 919 Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 923 Gas and Steam Turbines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 924 Power Plant Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 926 Nuclear Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List B: Faculty-wide Classes *</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 927 Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930 Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932 Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 929 Financial Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 975 Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Students for the degree of MSc only:

| EF 900 Project | 5 | 60 |

**Examination, Progress and Final Assessment**
19.47.15 Regulations 19.1.25 – 19.1.33 shall apply.
19.47.16 The final assessment will be based on performance in the examinations, coursework, the Project where undertaken and, if required, in an oral examination.
Award

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

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

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

19.47.20 (Number not used).

Advanced Mechanical Engineering

MSc in Advanced Mechanical Engineering
MSc in Advanced Mechanical Engineering with Aerospace
MSc in Advanced Mechanical Engineering with Energy Systems
Postgraduate Diploma in Advanced Mechanical Engineering
Postgraduate Certificate in Advanced Mechanical Engineering

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

Admission

19.47.21 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a degree (or in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university in Science or Engineering; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

19.47.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.47.24 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits including no fewer than 30 from the classes in List A and no fewer than 80 from the classes in List B
for the degree of MSc – no fewer than 180 credits including the Project and including no fewer than 30 from the classes in List A and no fewer than 80 from the classes in List B

### Classes

**List A**

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 927</td>
<td>Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930</td>
<td>Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 929</td>
<td>Financial Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 975</td>
<td>Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 930</td>
<td>Knowledge Engineering and Management for Engineers</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

**List B**

Level 5 classes offered by the Department of Mechanical and Aerospace Engineering, listed in Regulation 12.47.9. Exceptionally, such other Level 5 classes as may be approved by the Course Director.

For the degree of MSc in Advanced Mechanical Engineering with Aerospace, the following classes are compulsory:

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>16598</td>
<td>Aerodynamic Performance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>16599</td>
<td>Aerodynamic Propulsion Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 512</td>
<td>Spaceflight Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

For the degree of MSc Advanced Mechanical Engineering with Energy Systems, the following classes are compulsory:

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 929</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 930</td>
<td>Energy Modelling and Monitoring</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 900</td>
<td>Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

### Examination, Progress and Final Assessment

19.47.25 Regulations 19.1.25 – 19.1.33 shall apply.

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

### Award

**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. For the degrees of MSc in Advanced Mechanical Engineering with Aerospace and MSc in Advanced Mechanical Engineering with Energy Systems, the following classes are compulsory:

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 927</td>
<td>Energy Resources and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 929</td>
<td>Electrical Power Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>ME 930</td>
<td>Energy Modelling and Monitoring</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Class</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 900</td>
<td>Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Systems the candidate must have attained the credits in the appropriate compulsory classes.

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

19.47.29 **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.
Marine Engineering

MSc in Marine Engineering
Postgraduate Diploma in Marine Engineering
Postgraduate Certificate in Marine Engineering

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

Admission
19.49.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply

Duration of Study
19.49.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.49.3 The courses are available by full-time and part-time study.

Curriculum
19.49.4 All students shall undertake an approved curriculum as detailed below.

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits, including
the Compulsory Classes and 10 credits from the Optional Classes,
together with NM 964 Group Project
for the degree of MSc – no fewer than 180 credits, including the
Individual Project

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 946</td>
<td>Inspection and Survey</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 949</td>
<td>Marine Transport and Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 950</td>
<td>Maritime Safety and Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 951</td>
<td>Marine Engineering Simulation and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 952</td>
<td>Advanced Marine Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 9xx</td>
<td>Onboard Energy Management and Marine Environment Protection</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 916</td>
<td>Systems Availability and Maintenance</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

10 credits chosen from

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF 927</td>
<td>Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 928</td>
<td>Environmental Impact and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930</td>
<td>Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932</td>
<td>Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 934</td>
<td>Financial Engineering</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of MSc only
Examination, Progress and Final Assessment

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

Award

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

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

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

Technical Ship Management

MSc in Technical Ship Management
Postgraduate Diploma in Technical Ship Management
Postgraduate Certificate in Technical Ship Management

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

Admission

19.49.20 Regulations 19.1.1 and 19.1.2 shall apply. In the first instance, students shall normally be admitted to either the Postgraduate Diploma or MSc course.

Duration of Study

19.49.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.49.23 All students shall undertake an approved curriculum as follows:
for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits including a
group project
for the degree of MSc – no fewer than 180 credits including an
individual project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 937 Maritime Law, Contracts and Insurance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 946 Inspection and Survey</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 949 Marine Transport and Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 950 Maritime Safety and Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 973 Maritime Regulatory Framework</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 916 Systems Availability and Maintenance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 924 Onboard Energy Management and Marine Environment Protection</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 916 HRM in a Business Context</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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 |

Examination, Progress and Final Assessment

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

Award

19.49.26 Degree of MSc: In order to qualify for the award of the degree of MSc in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which no fewer than 80 must be from the taught classes, 40 from the Group Project and 60 from the Individual Project.

19.49.27 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits of which 40 must have been awarded in respect of the Group Project.

19.49.28 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Technical Ship Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught classes of the course.

19.49.29 to 19.49.50 (Numbers not used.)

Offshore Floating Systems

MSc in Offshore Floating Systems
Postgraduate Diploma in Offshore Floating Systems
Postgraduate Certificate in Offshore Floating Systems

180
Course Regulations
[These regulations are to be read in conjunction with Regulations 19.1]

Admission
19.49.51 Regulations 19.1.1 - 19.1.3 shall apply.

Duration of Study
19.49.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.49.53 The courses are available by full-time and part-time study.

Curriculum
19.49.54 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 946 Inspection and Survey</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 957 Offshore Engineering Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 958 Risers and Mooring Lines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 959 Dynamics of Floating Offshore Installations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 960 Finite Element Analysis of Floating Structures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 950 Maritime Safety and Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 961 Design and Construction of FPSOs</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 10 credits chosen from:
NM 947 Modelling and Optimisation in Design 5 10
NM 962 Advanced Marine Structures 5 10
NM 963 Theory and Practice of Marine CFD 5 10

Students for the Postgraduate Diploma and degree of MSc only will undertake:
NM 964 Group Project 5 40

Students for the degree of MSc only:
NM 965 Individual Project 5 60

Examination, Progress and Final Assessment
19.49.55 Regulations 19.1.25 – 19.1.33 shall apply.
19.49.56 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken, and, if required, in an oral examination.

Award
19.49.57 Degree of MSc: In order to qualify for the award of the degree of MSc in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer
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.

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.

Subsea Engineering

MSc in Subsea Engineering
Postgraduate Diploma in Subsea Engineering
Postgraduate Certificate in Subsea Engineering

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

Admission
19.49.61 Regulation 19.1.1 to 19.1.3 shall apply.

Duration of Study
19.49.62 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.49.63 The courses are available by full-time and part-time study.

Curriculum
19.49.64 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 946 Inspection and Survey</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 948 Subsea Systems and Installation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 950 Maritime Safety and Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 957 Offshore Engineering Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 958 Risers and Mooring Lines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 966 Marine Pipelines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 977 Subsurface Technology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 10 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 975 Computational Free Surface Hydrodynamics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 959 Dynamics of Floating Offshore Installations</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
NM 963  Theory and Practice of Marine Computational Fluid Dynamics  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

Examination, Progress and Final Assessment

19.49.65 Regulations 19.1.25 – 19.1.33 shall apply.
19.49.66 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken, and, if required, in an oral examination.

Award

19.49.67 Degree of MSc: In order to qualify for the award of the degree of MSc in Subsea 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.

19.49.68 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Subsea Engineering a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught classes and 40 from the Group Project.

19.49.69 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Subsea 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.

19.49.70 (Number not used).
Ship and Offshore Structures

MSc in Ship and Offshore Structures
Postgraduate Diploma in Ship and Offshore Structures
Postgraduate Certificate in Ship and Offshore Structures

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

Admission
19.49.71 Regulations 19.1.1 - 19.1.3 shall apply.

Duration of Study
19.49.72 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.49.73 The courses are available by full-time and part-time study.

Curriculum
19.49.74 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits including a group project
for the degree of MSc – no fewer than 180 credits including an individual project

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 967 Reliability-Based Structural Design and Plated Structures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 958 Risers and Mooring Lines</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 959 Dynamics of Floating Offshore Installations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 962 Advanced Marine Structures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 960 Finite Element Analysis of Floating Structures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 979 Computational Modelling of Problems in Structural Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 981 Materials Engineering</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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 |

Examination, Progress and Final Assessment
19.49.75 Regulations 19.1.25 – 19.1.33 shall apply.
19.49.76 The final assessment will be based on performance in the examinations, course work and the Individual Project where undertaken, and, if required, in an oral examination.
Award

**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.

**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.

**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.

Ship and Offshore Technology

**MSc in Ship and Offshore Technology**

**Course Regulations**

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

*The course is offered jointly between the University of Strathclyde and Hamburg University of Technology, and the awards are made in the name of the two Universities. Students shall be subject to the course regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.*

**Admission**

Candidates will be admitted in the first instance to the MSc, and shall normally:

(i) Possess a bachelor's degree or equivalent, at the equivalent of 2nd upper class level, in a marine or marine-related engineering subject

(ii) In particular, have sufficient knowledge on structural mechanics, hydrostatics, fluid dynamics, ship resistance and propulsion, ship design, etc.

(iii) Be required to demonstrate an appropriate level of competence in the English language. Specifically IELTS 6.5 or TOEFL 600/250/95.

**Duration of Study**

The normal duration of study for the degree of MSc by full-time study will be 4 semesters.

**Place of Study**

The course will be taught at the University of Strathclyde (UofS) in the first year, and Hamburg University of Technology (TUHH) for the second year.

**Mode of Study**
The course is available by full-time study only.

**Curriculum**

**First Year**

All students shall spend the first year at UofS and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM 957</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 958</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 966</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 959</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 950</td>
<td>5</td>
<td>10</td>
<td>5</td>
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<tr>
<td>NM 961</td>
<td>5</td>
<td>10</td>
<td>5</td>
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<tr>
<td>NM 963</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 946</td>
<td>5</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>NM 983</td>
<td>5</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>NM 941</td>
<td>5</td>
<td>20</td>
<td>10</td>
</tr>
</tbody>
</table>

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**

Intensive German language course (except for German-speaking students)

**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:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 XXX</td>
<td>5</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>56 XXX</td>
<td>5</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>56 XXX</td>
<td>5</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>56 XXX</td>
<td>5</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>56 XXX</td>
<td>5</td>
<td>60</td>
<td>30</td>
</tr>
</tbody>
</table>

**Optional Classes**

No fewer than 14 credits (7 ECTS) chosen from:

| 56 XXX             | 5     | 6       | 3    |
| 56 XXX             | 5     | 10      | 5    |
| 56 XXX             | 5     | 8       | 4    |
| 56 XXX             | 5     | 6       | 3    |
With the approval of the Course Director, students may be permitted to substitute one approved class from other postgraduate courses offered.

**Examination, Progress and Final Assessment**

19.49.85 Candidates are required to pass written or oral examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Master Thesis for the degree award of MSc.

19.49.86 In order to progress to the second year of the course, a student must normally have accumulated no fewer than 120 credits from the agreed curriculum in the first year.

19.49.87 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 attempts to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt, the number of attempts depending on the regulations at UofS or TUHH, respectively.

19.49.88 The final assessment will be based on performance in the examinations, coursework, the Master Thesis.

**Award**

19.49.89 **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.

**Transfer**

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

19.49.91 To 19.49.100 (Numbers not used)

**Ship and Offshore Technology**

**Postgraduate Diploma in Ship and Offshore Technology**

**Postgraduate Certificate in Ship and Offshore Technology**

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

**Admission**

19.49.101 Students will have been admitted in the first instance to the degree of MSc in Ship and Offshore Technology.

**Nature of Study**
The course is available by full-time study only.

**Curriculum**

See Regulation 19.49.85, First Year Curriculum.

**Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

**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.

**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.
Strathclyde Business School

19.80 Faculty Courses

19.80.1 to 19.80.59 (Numbers not used)

Research Methodology in Business and Management

Postgraduate Diploma in Research Methodology in Business and Management
Postgraduate Diploma in Research Methodology in Business and Management with Specialisation in Risk and Reliability
Postgraduate Certificate in Research Methodology in Business and Management
Postgraduate Certificate in Research Methodology in Business and Management with Specialisation in Risk and Reliability

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

Admission
19.80.60 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.80.61 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.80.62 The courses are available by full-time and part-time study.

Curriculum
19.80.63 All students shall undertake an approved curriculum as follows:

Research Methodology in Business and Management
for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 991 Research Philosophy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 992 Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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 993 Research Colloquium 5 20

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 40 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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 991</td>
<td>Research Philosophy</td>
<td>5</td>
</tr>
<tr>
<td>BF 992</td>
<td>Research Methods</td>
<td>5</td>
</tr>
<tr>
<td>MS 502</td>
<td>Basic Reliability Theory and Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MS 503</td>
<td>Advanced System Reliability Modelling</td>
<td>5</td>
</tr>
<tr>
<td>MS 507</td>
<td>Modelling within Reliability and Maintainability</td>
<td>5</td>
</tr>
<tr>
<td>MS 927</td>
<td>Risk Analysis and Management</td>
<td>5</td>
</tr>
<tr>
<td>MS 962</td>
<td>Foundations of Risk</td>
<td>5</td>
</tr>
<tr>
<td>MS 963</td>
<td>Risk Governance</td>
<td>5</td>
</tr>
</tbody>
</table>

**Approved List of Optional Classes**

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 977</td>
<td>Special Topics 1</td>
<td>5</td>
</tr>
<tr>
<td>BF 978</td>
<td>Special Topics 2</td>
<td>5</td>
</tr>
<tr>
<td>BF 979</td>
<td>Special Topics 3</td>
<td>5</td>
</tr>
<tr>
<td>BF 993</td>
<td>Research Colloquium*</td>
<td>5</td>
</tr>
<tr>
<td>BF 995</td>
<td>Advanced Qualitative Methods*</td>
<td>5</td>
</tr>
<tr>
<td>BF 996</td>
<td>Writing and Presenting Research</td>
<td>5</td>
</tr>
<tr>
<td>BF 997</td>
<td>Interdisciplinary Collaborative Research</td>
<td>5</td>
</tr>
<tr>
<td>BF 998</td>
<td>Advanced Quantitative Methods*</td>
<td>5</td>
</tr>
<tr>
<td>BF 994</td>
<td>Introduction to Advanced Quantitative Methods: Survey Design and Analysis*</td>
<td>5</td>
</tr>
<tr>
<td>Z1 937</td>
<td>Entrepreneurship Research</td>
<td>5</td>
</tr>
</tbody>
</table>

Subject-specific classes from other Master's courses in the Business School at the discretion of the Course Organiser.

*If not already taken.

**Examination, Progress and Final Assessment**

19.80.65  Regulations 19.1.25 – 19.1.33 shall apply.

19.80.66  The final assessment will be based on performance in the examinations, coursework, and, if required, in an oral examination.
Award
19.80.67 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Research Methodology in Business and Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits from the course curriculum.

19.80.68 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Research Methodology in Business and Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the course curriculum.

19.80.69 to 19.80.99 (Numbers not used)

Procurement Management

MSc in Procurement Management
Postgraduate Diploma in Procurement Management

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

Admission
19.80.100 Regulations 19.1.1 - 19.1.3 shall apply.
In addition, applicants may also be required to obtain a satisfactory score in an admissions test and/or to attend for interview.

Duration of Study
19.80.101 Notwithstanding Regulations 19.1.5 and 19.1.6, the minimum duration of study will be

- for the degree of MSc by open-learning – 30 months
- for the Postgraduate Diploma by open-learning – 18 months

The maximum duration of study will be

- for the degree of MSc by open-learning – 60 months
- for the Postgraduate Diploma by open-learning – 60 months

Mode of Study
19.80.102 The courses are available by open learning only.

Curriculum
19.80.103 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 951</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Procurement and Marketing in the International Environment
BF 952  Procurement Research  5  15
BF 9XX  Strategic Procurement Management  5  10
BF 954  Total Quality Management  5  15
BF 955  Action Learning Project  5  20

Optional Classes*

No fewer than 40 credits chosen from:

BF 956  Organisational Buying Behaviour  5  10
BF 957  International Sourcing – Strategy and Management  5  10
BF 958  Procurement in the Public Sector  5  10
BF 959  Commercial and Mercantile Law  5  10
BF 960  Effective Project Management  5  10
BF 961  IT Management, E-Business and the Supply Chain  5  10
BF 962  Managing Relationships and Multi-Cultural Negotiations  5  10
BF 963  Logistics and Inventory Management  5  10

An MSc student who has studied the subject of any of the classes to an equivalent level may be required at the discretion of the relevant Head(s) of Department(s) to take an alternative class for each subject previously studied. Not more than two classes may normally be replaced, for one of which a dissertation may be substituted. Where both such classes are compulsory classes, a dissertation at an advanced level, on a topic nominated by the Course Director, shall normally be substituted for one such class.

* With the approval of the Course Director and the Course Director concerned, students may substitute equivalent approved classes from any other postgraduate course for one of the optional classes.

Students for the degree of MSc only:
BF 964  Individual Research Project and Dissertation  5  60

Examination, Progress and Final Assessment

19.80.104 Regulations 19.1.25 – 19.1.33 shall apply.
19.80.105 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.80.106 Degree of MSc: In order to qualify for the award of the degree of MSc in Procurement 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.

19.80.107 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Procurement Management, a student must have accumulated no fewer than 120 credits from the taught classes of the course.
19.81 Department of Accounting and Finance

Finance

MSc in Finance
Postgraduate Diploma in Finance

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

Admission
19.81.1 Notwithstanding Regulations 19.1.1, applicants shall possess
(i) a first or second class Honours degree of a United Kingdom
University, in a relevant area (Finance, Accounting, Economics,
Mathematics, Statistics or Computing); or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.81.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.81.3 The courses are available by full-time or part-time study or by open-learning.

Curriculum
19.81.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG909</td>
<td>Quantitative Methods for Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG910</td>
<td>Principles of Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG911</td>
<td>Accounting &amp; Financial Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG912</td>
<td>International Financial Markets &amp; Banking</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG915</td>
<td>Advanced Corporate Finance &amp; Applications</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG925</td>
<td>Derivatives and Treasury Management</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

Optional Classes
20 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG916</td>
<td>Behavioural Finance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG918</td>
<td>Security Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG920</td>
<td>Management Accounting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG923</td>
<td>Empirical Methods in Finance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG924</td>
<td>Portfolio Theory &amp; Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Such other Level 5 classes as may be approved by the Course Director.

AG913  Dissertation 5  40
OR
AG913  Empirical Research Project 5  40

Examination, Progress and Final Assessment

19.81.5  Regulations 19.1.25 – 19.1.33 shall apply.
19.81.6  The final assessment will be based on performance in the examinations, coursework, the dissertation or research projects where undertaken and, if required, in an oral examination.

Award

19.81.7  Degree of MSc: In order to qualify for the award of the degree of the MSc in Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of either the dissertation or the research project.
19.81.8  Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.81.9  to 19.81.19  (Numbers not used)
Accounting and Finance

MSc in International Accounting and Finance
Postgraduate Diploma in International Accounting and Finance

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

Admission

19.81.20 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree of a United Kingdom University, to include a significant element of accounting which may be included within a broader relevant area such as Finance, Economics, Mathematics, Statistics or Computing); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

19.81.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.81.22 The courses are available by full-time study.

Curriculum

19.81.23 All students shall undertake an approved curriculum as follows:

- for the Postgraduate 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG909</td>
<td>Quantitative Methods for Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG910</td>
<td>Principles of Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG911</td>
<td>Accounting &amp; Financial Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG912</td>
<td>International Financial Markets &amp; Banking</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG914</td>
<td>Advanced Accounting</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG915</td>
<td>Advanced Corporate Finance &amp; Applications</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG920</td>
<td>Management Accounting</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG913</td>
<td>Dissertation</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AG913</td>
<td>Empirical Research Project</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Optional Classes

10 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG918</td>
<td>Security Analysis</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
AG921  International Accounting  5  10
AG923  Empirical Methods in Finance  5  10
AG924  Portfolio Theory and Management  5  10

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

**Examination, Progress and Final Assessment**

19.81.24  Regulations 19.1.25 – 19.1.33 shall apply.
19.81.25  The final assessment will be based on performance in the examinations, coursework, the dissertation or research projects where undertaken and, if required, in an oral examination.

**Award**

19.81.26  **Degree of MSc**: 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 either the dissertation or the research project.

19.81.27  **Postgraduate Diploma**: 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 taught classes of the course.

19.81.28  to 19.81.30  (Numbers not used)
International Banking and Finance

MSc in International Banking and Finance
Postgraduate Diploma in International Banking and Finance

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

Admission
19.81.31 Notwithstanding Regulations 19.1.1, applicants shall possess
(i) a first or second class Honours degree of a United Kingdom
University, in a relevant area (Finance, Economics,
Mathematics, Statistics or Computing); or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.81.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.81.33 The courses are available by full-time study.

Curriculum
19.81.34 All students shall undertake an approved curriculum as follows:

for the Postgraduate 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

AG909  Quantitative Methods for Finance  5  20
AG910  Principles of Finance  5  20
AG911  Accounting & Financial Analysis  5  20
AG912  International Financial Markets & Banking  5  20
AG917  Topics in Corporate Finance  5  10
AG919  Risk Management of Banks  5  10
AG922  Financial Management of Banks  5  10
AG925  Derivatives and Treasury Management  5  20

Students for the degree of MSc only:

AG913  Dissertation  5  40

Optional Classes
10 credits chosen from:
AG916  Behavioural Finance  5  10
AG918  Security Analysis  5  10
AG920  Management Accounting  5  10
AG923  Empirical Methods in Finance  5  10
AG924  Portfolio Theory and Management  5  10

197
Such other Level 5 classes as may be approved by the Course Director.

**Examination, Progress and Final Assessment**

19.81.35 Regulations 19.1.25 – 19.1.33 shall apply.

19.81.36 The final assessment will be based on performance in the examinations, coursework, the dissertation or research projects where undertaken and, if required, in an oral examination.

**Award**

19.81.37 **Degree of MSc:** In order to qualify for the award of the degree of the MSc in International Banking and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of either the dissertation or the research project.

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

19.81.39 to 19.81.40 (Numbers not used)
Investment and Finance

MSc in Investment and Finance
Postgraduate Diploma in Investment and Finance

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

Admission
19.81.41 Notwithstanding Regulations 19.1.1, applicants shall possess
(i) a first or second class Honours degree of a United Kingdom
   University, in a relevant area (Finance, Economics,
   Mathematics, Statistics or Computing); or
(ii) a qualification deemed by the Course Director acting on behalf of
    Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.81.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.81.43 The courses are available by full-time study.

Curriculum
19.81.44 All students shall undertake an approved curriculum as follows:

   for the Postgraduate 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG909</td>
<td>Quantitative Methods for Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG910</td>
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<tr>
<td>AG911</td>
<td>Accounting &amp; Financial Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG912</td>
<td>International Financial Markets &amp; Banking</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>AG917</td>
<td>Topics in Corporate Finance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG918</td>
<td>Security Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG924</td>
<td>Portfolio Theory &amp; Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AG925</td>
<td>Derivatives &amp; Treasury Management</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 913</td>
<td>Dissertation</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AG 913</td>
<td>Empirical Research Project</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>
Optional Classes
10 credits chosen from
AG923 Empirical Methods in Finance 5 10
or
AG916 Behavioural Finance 5 10
or
Such other Level 5 classes as may be approved by the Course Director.

Examination, Progress and Final Assessment
19.81.45 Regulations 19.1.25 – 19.1.33 shall apply.
19.81.46 The final assessment will be based on performance in the examinations, coursework, the dissertation or research projects where undertaken and, if required, in an oral examination.

Award
19.81.47 **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Investment and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of either the dissertation or the research project.

19.81.48 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Investment and Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.82 Department of Economics
19.82.1 to 19.82.39 (Numbers not used)

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 Regulation 19.1]

Admission
19.82.40 Notwithstanding Regulation 19.1.1 applicants shall possess
(i) a first or second class Honours degree of a United Kingdom university, in which Economics constitutes a significant component; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above: or
(ii) demonstrated competence in Economics obtained at a level of performance acceptable to the Course Director.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
19.82.41 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.82.42 The courses are available by full-time, part-time study and by distance learning.

Curriculum
19.82.43 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – 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.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 916 Foundations of Microeconomics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 917 Further Topics in Microeconomics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 918 Macroeconomics for the Business Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 919 Macroeconomics for the Global Business Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 922 Economic Appraisal</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 923 Economic Appraisal of Programmes &amp; Policies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 920 Analysis of Economic Data</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 921 Quantitative Methods</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Optional Classes
No fewer than 40 credits chosen from the list below, and any other deemed appropriate by the Course Director:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 924</td>
<td>Fundamentals of Business Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 925</td>
<td>International Trade and Policy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 915</td>
<td>Games of Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 926</td>
<td>Public Policy and Finance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 927</td>
<td>Environmental Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EC 928</td>
<td>Energy Economics</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 929</td>
<td>Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.82.44 Regulations 19.1.25 – 19.1.33 shall apply.
19.82.45 As permitted by Regulation 19.1.27, 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 or distance learning basis will normally take examinations and/or assignments in the same years as the classes for which they are being examined and will be permitted to resit no more than four classes over the entire period of registration. Where candidates are required to resit, these attempts shall normally be made at the next available diet of examinations.
19.82.46 The final assessment will be based on performance in the examinations, the coursework, the Dissertation where undertaken and, if required, in an oral examination.

Award

19.82.47 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Applied Economics, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation.
19.82.48 **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.
19.82.49 **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.
19.82.50 (Number not used).
Global Energy Management

MSc in Global Energy Management
Postgraduate Diploma in Global Energy Management
Postgraduate Certificate in Global Energy Management

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

Admission
19.82.51 Notwithstanding Regulation 19.1.1 applicants shall possess
(i) a first or second class Honours degree of a United Kingdom university, in which relevant disciplines constitute a significant component; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above: or
(iii) demonstrated competence in a relevant discipline obtained at a level of performance acceptable to the Course Director.

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

Duration of Study
19.82.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.82.53 The courses are available by full-time and part-time study.

Curriculum
19.82.54 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the compulsory classes
for the Postgraduate Diploma – no fewer than 120 credits including all the compulsory classes
for the degree of MSc – no fewer than 180 credits, including the project.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 933 Global Energy Issues, Industries and Markets</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EC 931 Energy Policy, Politics, Business Structures and Finance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EC934 Global Energy Technologies, Impacts and Implementation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>EC932 Global Energy Forum</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional 20 credits chosen from:
EC916 Foundations of Microeconomics | 5     | 10      |
OR
EC919 Macroeconomics in a Global Business Environment | 5     | 10      |
AND
EC927 Environmental Economics       | 5     | 10      |

203
40 credits from the following list of electives, or any other deemed appropriate by the Course Director:

- EC 917 Further Topics in Microeconomics 5 10
- EC 920 Analysis of Economic Data 5 10
- EC 921 Quantitative Methods 5 10
- EC 922 Principles of Economic Appraisal 5 10
- EC 923 Economic Appraisal of Programmes and Policies 5 10
- EC 911 International Trade, Theory, Policy & Institutions 5 20
- EC 918 Macroeconomics for the Business Environment 5 10
- EC 924 Fundamentals of Business Economics 5 10
- EC 925 International Trade and Policy 5 10

Students for the degree of MSc only:

EC930 Summer Internship 5 40

**Examination, Progress and Final Assessment**

19.82.55 Regulations 19.1.25 – 19.1.33 shall apply.

19.82.56 As permitted by Regulation 19.1.27, a candidate for the degree of Master may be re-assessed in no more than four taught classes normally in the same academic year. The Board will determine whether the resit in the relevant class(es) should take the form of an examination or an assignment. Candidates studying on a part-time basis will normally take examinations and/or assignments in the same years as the classes for which they are being examined and will be permitted to resit no more than four classes over the entire period of registration. Where candidates are required to resit, these attempts shall normally be made at the next available diet of examinations.

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

**Award**

19.82.58 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Global Energy Management, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the Project.

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

19.82.60 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Global Energy Management, a candidate must have accumulated no fewer than 60 credits from the taught compulsory classes of the course.
19.83 (Number not used)
19.84 Department of Human Resource Management

Human Resource Management

MSc in Human Resource Management
Postgraduate Diploma in Human Resource Management
Postgraduate Certificate in Human Resource Management

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

Admission
19.84.1 Regulations 19.1.1 - 19.1.3 shall apply.
Non-graduate applicants should normally have at least 3 years relevant
experience at an appropriate level in Personnel/Human Resources or
Management.

Duration of Study
19.84.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.84.3 The courses are available by full-time and part-time study.

Curriculum
19.84.4 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>41 937 Employee Relations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>41 938 People Resourcing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 911 Employee Reward</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 913 Human Resource Development</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 916 HRM in a Business Context</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 917 Managing in Human Resources</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 922 Business Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 923 Management Research Report</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 10 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>41 910 Employment Issues and the Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 918 Labour and Diversity in a Global Context</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 931 The Psychology of Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>HR 938 Leadership*</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

* This class will only be available at SBS Spring School

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Students for the degree of MSc only:</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>41 900 Methods of Professional Inquiry and Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.84.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.84.6 Notwithstanding Regulation 19.1.20, candidates who fail to satisfy the Board of Examiners in not more than two classes through the entire course may be permitted, in the light of overall performance, one further attempt in the relevant class(es) normally in the same academic year. Candidates who fail to satisfy the Board of Examiners in the Management Project Report, may, in the light of overall performance and subject to the approval of the Board of Examiners, be permitted to revise and re-submit their Management Project Report, normally within 9 months of the first submission.
19.84.7 The final assessment will be based on performance in all elements of the course and if appropriate an oral examination.

Award

19.84.8 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.
19.84.9 Postgraduate Diploma: In order to qualify for the award of Postgraduate Diploma in Human Resource Management a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.84.10 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.

Equality in Pay and Reward

Postgraduate Certificate in Equality in Pay and Reward

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

Admission

19.84.11 Regulations 19.1.1 - 19.1.3 shall apply.
Non-graduate applicants should normally have at least 3 years relevant experience in the field of pay and reward at an appropriate level.

Duration of Study

19.84.12 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.84.13 The course is available by distance learning only.

Curriculum

19.84.14 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>207</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.84.15 Regulations 19.1.25 – 19.1.33 shall apply.

19.84.16 The final assessment will be based on performance in all elements of the course and, if appropriate, an oral examination.

Award

19.84.17 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Equality in Pay and Reward, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

International Human Resource Management

MSc in International Human Resource Management
Postgraduate Diploma in International Human Resource Management
Postgraduate Certificate in International Human Resource Management

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

Admission

19.84.21 Notwithstanding Regulation 19.1.1, applicants shall normally:
(i) possess a first or second class honours degree in Arts, Social Science or Business related discipline from a United Kingdom University; or
(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of Senate, to be equivalent to (i) above; or
(iv) be deemed, by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

Mode of Study

19.84.22 The courses are available by full-time study.

Curriculum

19.84.23 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR 914 Global Staffing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 915 Business Systems</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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Optional Classes
No fewer than 30 credits chosen from:
41 910 Employment Issues and the Law 5 10
41 937 Employee Relations 5 10
41 938 People Resourcing 5 10
HR 911 Employee Reward 5 10
HR 913 Human Resource Development 5 10
HR 931 The Psychology of Risk Management 5 10
HR 938 Leadership* 5 10
HR943 Research Methods for HR Professionals** 5 20
*This class will only be available at SBS Spring School
**This class is only available, with Departmental approval, to students who have been granted exemptions

Students for the degree of MSc only:
HR 924 Dissertation 5 60

Examination, Progress and Final Assessment
19.84.24 Regulations 19.1.25 – 19.1.33 shall apply.
19.84.25 Notwithstanding Regulation 19.1.20, a candidate who fails to satisfy the Board of Examiners in not more than two classes through the entire course may be permitted, in the light of overall performance, one further attempt in the relevant class(es) normally in the same academic year.
19.84.26 A candidate who fails to satisfy the Board of Examiners in the Research Project, may, in the light of overall performance and subject to the approval of the Board of Examiners, be permitted to revise and re-submit their Research Project, normally within 9 months of the first submission.
19.84.27 The final assessment will be based on performance in all elements of the course and, if appropriate, an oral examination.

Award
19.84.28 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.
19.84.29 Postgraduate Diploma: In order to qualify for the award of Postgraduate Diploma in International Human Resource Management a candidate must have accumulated no fewer than 120 credits from the course curriculum.
19.84.30 Postgraduate Certificate: In order to qualify for the award of Postgraduate Certificate in International Human Resource Management a candidate must have accumulated no fewer than 60 credits from the course curriculum.
19.84.31 to 19.84.40 (Numbers not used.)

Coaching and Mentoring
MSc in Coaching and Mentoring
Postgraduate Diploma in Coaching and Mentoring
Postgraduate Certificate in Coaching and Mentoring

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

Admission
19.84.41 Regulations 19.1.1 - 19.1.3 shall apply.
Applicants will normally be registered initially for the lowest level of qualification offered in the specific course.

Duration of Study
19.84.42 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study
19.84.43 Regulation 19.1.8 shall apply.

Nature of Study
19.84.44 The course is available by part-time study only.

Curriculum
19.84.45 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 9xx Introduction to Coaching and Mentoring</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capabilities and Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BF 9xx Perspectives in Human Development</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 9xx Professional Practice and Contexts</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 9xx Advanced Professional Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 9xx Organisation and Learning Contexts</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 9xx Psychological Perspectives and Applications</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students studying for the degree of MSc only:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xx xxx Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Xx xxx Dissertation</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.84.46 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award
19.84.48 Degree of MSc: In order to qualify for the award of the MSc in Coaching and Mentoring, a student must have accumulated no fewer than 180 credits from
the taught classes of the course, of which 40 must have been awarded in respect of the dissertation.

19.84.49 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Coaching and Mentoring, a student must have accumulated no fewer than 120 credits from the taught classes of the course.

19.84.50 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Coaching and Mentoring, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

Executive Coaching

Postgraduate Certificate in Executive Coaching

Admission

19.84.51 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.84.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.84.53 The course is available by part-time study only.

Curriculum

19.84.54 All students shall undertake an approved curriculum of no fewer than 60 credits.

Compulsory Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR 928</td>
<td>Executive Coaching Concepts and Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 929</td>
<td>Executive Coaching Perspectives</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 930</td>
<td>Mastering Executive Coaching</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.84.55 Regulations 19.1.25 – 19.1.33 shall apply.

Award

19.84.56 Postgraduate Certificate: In order to qualify for the Postgraduate Certificate in Executive Coaching, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course curriculum.

19.84.57 to 19.84.60 (Numbers not used)
Business

Hospitality and Tourism Leadership

MSc in Hospitality and Tourism Leadership
Postgraduate Diploma in Hospitality and Tourism Leadership
Postgraduate Certificate in Hospitality and Tourism Leadership

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

Admission
19.84.61 Notwithstanding Regulations 19.1.1 candidates shall normally possess:
(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or
(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or
(iii) five years management experience and a satisfactory performance in an appropriate admissions test; or
(iv) be deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.

Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study
19.84.62 Regulation 19.1.5 shall apply. Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 96 months.

Place of Study
19.84.63 The first six modules are delivered at the University’s campus in Glasgow.
The subsequent six modules are delivered at the University’s campus in Glasgow and on the campuses of Cornell University, in Ithaca, New York, and École Hôtelière de Lausanne (EHL) in Switzerland.

Mode of Study
19.84.64 The courses are available by part-time study.

Curriculum
19.84.65 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits for
for the degree of MSc – no fewer than 180 credits including a leadership project

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR932</td>
<td>Assessing the future and its impact on the hospitality and tourism industry</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
HR934  Strategic thinking for corporate venturing  5 10
HR933  Learning and the management of talent  5 10
HR935  International marketing and brand development  5 10
HR936  Leadership for competitive strategy delivery  5 10
HR937  Leadership skills development  5 10
Xx xxx  Strategic revenue management (Cornell campus)  5 10
Xx xxx  Fundamentals of hotel investment and financing decisions (Cornell campus)  5 10
Xx xxx  Value creation and innovation (Lausanne campus)  5 10
Xx xxx  Strategic thinking in the hospitality and tourism industries  5 10
Xx xxx  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:**
XX XXX  Hospitality and Tourism Business Analysis  5 10
XX XXX  Leadership Project  5 50

**Examination, Progress and Final Assessment**
19.84.66 Students are required to perform to the satisfaction of the Board of Examiners.
19.84.67 Students who fail to satisfy the Board of Examiners will be allowed one further attempt to pass the relevant class(es) and may, in the light of their overall performance, be permitted one further attempt to pass any one failed class normally as prescribed by the Board of Examiners.
19.84.68 The final assessment will be based on performance in all elements of the course.

**Award**
19.84.69 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Hospitality and Tourism Leadership a candidate must have accumulated no fewer than 180 credits, of which 50 must have been awarded in respect of the leadership project
19.84.70 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Hospitality and Tourism Leadership, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.84.71 **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Hospitality and Tourism Leadership, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.85 to 19.86 (Numbers not used.)
Hunter Centre for Entrepreneurship

Technology Entrepreneurship

MSc in Technology Entrepreneurship
Postgraduate Diploma in Technology Entrepreneurship
Postgraduate Certificate in Technology Entrepreneurship

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

Admission
19.87.41 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.87.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.87.43 The courses are available by full-time and part-time study.

Curriculum
19.87.44 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 913 TVC1 Opportunity Recognition</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 914 TVC2 Accessing Resources</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 915 TVC3 Technology Venture Management</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 916 Company-Based Investigation</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 60 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 917 Planning an Entrepreneurial Venture</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 918 A Multidisciplinary Experience</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 919 Introduction to Technology Commercialisation</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>BF 920 Starting an Internet Business</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>BF 921 Finance and the Growing Business</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Z1 909 Entrepreneurship: Personal Effectiveness</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Z1 910 Technology Venture Creation (Distance Learning)</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Z1 911 Technology Venture Management</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>(Distance Learning)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z1 9xx Technology Commercialisation and New Business Development</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Approved classes from any other postgraduate course

Students for the degree of MSc only:

| BF 900 Dissertation                       |       | 60      |
Examination, Progress and Final Assessment

19.87.45 Regulations 19.1.25 – 19.1.33 shall apply.
19.87.46 In order to proceed to the dissertation candidates must submit a satisfactory dissertation proposal.
19.87.47 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.87.48 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Technology Entrepreneurship, 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.

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

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

19.87.51 to 19.87.60 (Numbers not used)

Entrepreneurship

**MSc in Entrepreneurship**  
**Postgraduate Diploma in Entrepreneurship**  
**Postgraduate Certificate in Entrepreneurship**

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

Admission

19.87.61 Regulation 19.1.1 shall apply. Applicants may also be required to provide documentary evidence of competency of written and spoken English, to provide supportive academic or relevant business references, and to provide a personal statement of purpose and/or be called for interview.

Duration of Study

19.87.62 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.87.63 The course is available by part time study only.

Place of Study

19.87.64 The courses are delivered at an institution in the United Arab Emirates.
Curriculum

19.87.65 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z1 916 Opportunity Recognition</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 917 Selling in an Entrepreneurial Context</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 918 Strategic Futures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 919 Building a Team</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 920 Financing New Ventures</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 921 New Business Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 922 New Venture Creation Intensive Workshop 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 923 New Venture Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 924 Company-Based Investigation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 925 Entrepreneurial Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 926 Managing Growth and Exit</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 927 New Venture Creation Intensive Workshop 2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1 931 Entrepreneurship, Innovation and Commercialization</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

either

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z1 900 Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
| or
| Z1 928 Group Dissertation | 5 | 60 |

Examination, Progress and Final Assessment

19.87.66 Regulations 19.1.25 – 19.1.33 shall apply.

19.87.67 Students who have failed a class may, at the discretion of the Board of Examiners, be permitted one further attempt at the class in the following academic year. Students will normally be permitted to reattend no more than two classes over the entire period of registration.

19.87.68 In order to proceed to the dissertation candidates must submit a satisfactory dissertation proposal and have passed all classes.

19.87.69 The final assessment will be based on performance in all elements of the course.

Award

19.87.70 **Degree of MSc:** In order to qualify for the award of MSc in Entrepreneurship, 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.

19.87.71 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Entrepreneurship, a student 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 Entrepreneurship, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

(Numbers not used)
19.92 Department of Strategy and Organisation

Business Administration

Master of Business Administration
Master of Business Administration with Specialisation in Leadership
Studies

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

Admission

19.92.1 Notwithstanding Regulations 19.1.1 candidates shall normally:
   (i) possess a degree from a United Kingdom University; or
   (ii) possess other qualifications deemed, by the Course Director of the
        relevant study route, acting on behalf of Senate, to be equivalent to
        (i), above including the Postgraduate Diploma in Business or its
        equivalent; or
   (iii) be deemed, by the Course Director of the relevant study route, acting
        on behalf of Senate, to have achieved an academic standard
        equivalent to (i) above.

   In addition, all successful applicants will be required to have had a
   period of relevant managerial experience. For applicants holding a degree
   of a University in the United Kingdom, or an equivalent academic or
   professional qualification, the period is normally three years. Other
   applicants, who lack formal qualifications but have substantial managerial
   experience, will normally be required to register first for the Postgraduate
   Diploma in Business and have a minimum of five years of relevant
   experience.

   Applicants holding the MSc in Business and Management from the
   University of Strathclyde, and wishing to convert this degree to the MBA,
   must undertake a special curriculum detailed in below.

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

Duration of Study

19.92.3 Regulation 19.1.5 shall apply. All students proceeding to Masters will be
allowed one further year from the date of the final examination board for the
dissertation.

   Notwithstanding Regulation 19.1.6, the maximum duration of study for
   students will be 72 months for the taught element and one further year from
   the date of the final examination board for the MBA Project.

Mode of Study

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

Curriculum

19.92.5 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 914 Managing People in Organizations</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
MG 915 Marketing Management  
MG 916 Operations Management  
MG 917 Financial and Management Accounting  
MG 918 Finance and Financial Management  
MG 919 Analytical Support for Decision Making  
MG 920 Exploring the International Business Environment  
MG 921 Strategy Analysis and Evaluation  
MG 922 Making Strategy  
MG 923 Strategic Consulting in Practice  
MG 924 MBA Project  
MG 982 The Reflective Practitioner

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

MBA with Specialisation in Leadership Studies
Compulsory Classes
<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG817</td>
<td>Leadership in Organisations 5</td>
</tr>
</tbody>
</table>

Special curriculum for students wishing to convert the MSc in Business and Management to the Master of Business Administration

for students registering prior to 2010/11
Compulsory Classes
<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 920</td>
<td>Exploring the International Business Environment 5</td>
</tr>
<tr>
<td>MG 922</td>
<td>Making Strategy 5</td>
</tr>
<tr>
<td>MG 923</td>
<td>Strategic Consulting in Practice 5</td>
</tr>
<tr>
<td>MG 924</td>
<td>MBA Project 5</td>
</tr>
<tr>
<td>MG 982</td>
<td>The Reflective Practitioner 5</td>
</tr>
</tbody>
</table>

for students registering with effect from 2010/11
Compulsory Classes
<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 920</td>
<td>Exploring the International Business Environment 5</td>
</tr>
<tr>
<td>MG 921</td>
<td>Strategy Analysis and Evaluation 5</td>
</tr>
<tr>
<td>MG 922</td>
<td>Making Strategy 5</td>
</tr>
<tr>
<td>MG 923</td>
<td>Strategic Consulting in Practice 5</td>
</tr>
<tr>
<td>MG 924</td>
<td>MBA Project 5</td>
</tr>
<tr>
<td>MG 982</td>
<td>The Reflective Practitioner 5</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from the classes listed in Regulation 19.92.6

Approved List of Optional Classes

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GB 810</td>
<td>Global Operations Strategy 5</td>
</tr>
<tr>
<td>GB 867</td>
<td>Programme and Project Management 5</td>
</tr>
<tr>
<td>GB 872</td>
<td>Change Agency 5</td>
</tr>
</tbody>
</table>
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  Creating Value for Shareholders: Challenges and Choices for the CEO  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 980  Treasury Management and International Finance  5  10
MG 986  Managing Inter-Organizational Partnerships and Alliances  5  10
MG 958  Advanced Strategic Management  5  10
MK 804  Social Media Strategy & Management  5  10
AG 926  Financial Markets and Corporate Strategy  5  10
MG 816  Sustainability Management  5  10
AG 927  Mergers and Acquisitions  5  10
HR 939  People and Performance  5  10
MG 941  Strategic Risk Management and Accounting  5  10
M804  Social Business Management and Strategy  5  10
MKXX  Retail Marketing Management  5  10
MG956  Brand Management and Strategy  5  10
MG939  E Commerce Strategy  5  10
MK805  Social Business Management and Strategy (Online)  5  10
MK815  Corporate and Social Responsibility  5  10
MS976  Service Operations and Simulation  5  10
MG821  Leadership for Change and Innovation  5  10
MG955  Managing in Europe  5  10
EC936  Games of Strategy  5  10
MG972  Developing Effective Consulting Skills  5  10
MG946  Effective Measurement of Business Performance  5  10

Such other Level 5 classes as may be approved by the Course Director of the relevant study route.

**Examination, Progress and Final Assessment**

19.92.7 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.8 The final assessment will be based on performance in all elements of the course.

**Award**
19.92.9 **Degree of MBA:** In order to qualify for the award of the degree of Master of Business Administration, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 40 must have been awarded in respect of the MBA project.

19.92.10 **Degree of MBA in a named subject:** In order to qualify for the award of the degree of MBA in a named subject, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 Credits of which a prescribed number must be in their chosen named pathway and 40 must have been awarded in respect of the MBA project.

**Transfer**

19.92.11 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration the relevant parts of Regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.12 Applicants holding the MSc in Business and Management who wish to convert their degree to the MBA in accordance with Regulation 19.92.58 must do so within 5 years of qualifying for the MSc. On qualifying for the award of the MBA, candidates will be required to surrender the MSc degree (if conferred) before graduating with the MBA.

19.92.13 At the Board of Examiners’ discretion, a student who fails to meet the requirements for the award of the MBA may be considered for transfer to and award of the Postgraduate Diploma in Business. A student in this category will automatically be barred from re-enrolment on the MBA programme on the basis of this Diploma in Business.

19.92.14 to 19.92.20 (Numbers not used).

**Business**

**Postgraduate Diploma in Business**

**Course Regulations**

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

**Admission**

19.92.21 Notwithstanding Regulations 19.1.1 candidates shall normally possess:

(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or

(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or

(iv) five years management experience and a satisfactory performance in an appropriate admissions test; or

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

Applicants may also be required to obtain a satisfactory score in an admissions test and/or be called for interview.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of Study**
19.92.22 Regulation 19.1.5 shall apply. Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 72 months.

**Mode of Study**
19.92.23 The courses are available by full-time and part-time study and by distance learning.

**Curriculum**
19.92.24 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fewer than 120 credits chosen from</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG915  Marketing Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG916  Operations Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG914  Managing People in Organizations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 917  Financial and Management Accounting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 918  Finance and Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 919  Analytical Support for Decision Making</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 920  Exploring the International Business Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 921  Strategy Analysis and Evaluation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 922  Making Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 923  Strategic Consulting in Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 982  The Reflective Practitioner</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

**Examination, Progress and Final Assessment**
19.92.26 The final assessment will be based on performance in all elements of the course.

**Award**
19.92.27 In order to qualify for the degree of Postgraduate Diploma in Business, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

**Transfer**
19.92.28 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration, the relevant parts of regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.29 to 19.92.30 (Numbers not used).

**Management**

**Postgraduate Certificate in Management**

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

**Admission**

19.92.31 Notwithstanding Regulations 19.1.1 candidates shall normally possess:

(i) a degree from a United Kingdom University and a minimum of three year’s relevant work experience; or

(ii) other qualifications deemed, by the Course Director of the relevant study route, acting on behalf of Senate, to be equivalent to (i) above and a minimum of three year’s relevant work experience; or

(iv) five years management experience and a satisfactory performance in an appropriate admissions test; or

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

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

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

**Duration of Study**

19.92.33 Regulation 19.1.5 shall apply.

Notwithstanding Regulation 19.1.6 the maximum duration of study for students will be 72 months.

**Mode of Study**

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

**Curriculum**

19.92.35 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Optional Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fewer than 60 credits chosen from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GB 962 Marketing Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>GB 963 Operations Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>GB 964 Managing People in Organizations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 917 Financial and Management Accounting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 918 Finance and Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 919 Analytical Support for Decision Making</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 920 Exploring the International Business Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 921 Strategy Analysis and Evaluation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 922 Making Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 923 Strategic Consulting in Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 982 The Reflective Practitioner</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 918</td>
<td>Finance and Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 916</td>
<td>Operations Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 914</td>
<td>Managing People in Organisations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 937</td>
<td>Programme and Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from the classes listed below

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 922</td>
<td>Making Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 921</td>
<td>Strategy, Analysis and Evaluation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 919</td>
<td>Analytical Support for Decision Making</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 920</td>
<td>Exploring the International Business Environment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 917</td>
<td>Financial and Management Accounting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 915</td>
<td>Marketing Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 923</td>
<td>Strategic Consulting In Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF999</td>
<td>Managing Innovation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 831</td>
<td>Commercial Law</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Examination, Progress and Final Assessment

19.92.36 Regulations 19.1.25 – 19.1.33 shall apply.
19.92.37 The final assessment will be based on performance in all elements of the course.

Award

19.92.38 In order to qualify for the degree of Postgraduate Certificate in Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

Business and Management

MSc in Business and Management
Postgraduate Diploma in Business and Management
Postgraduate Certificate in Business and Management

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

Admission

19.92.41 Regulations 19.1.1 shall apply.

Duration of Study

19.92.42 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

19.92.43 The course is available by full-time study only.
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 an individual or group project

Compulsory Classes:

MG926 Managing People in Organisations 5 10
MG925 Marketing Management 5 10
MG929 Finance and Financial Management 5 10
MG928 Analytical Support for Decision Making 5 10
MG927 Business Operations 5 10
MG930 Managerial Accounting 5 10
MG931 Business Strategy 5 10
MG932 Business Economics 5 10
MG934 Professional Management Practice 5 20

Optional Classes

20 credits from the following:

MG811 Programme and Project Management 5 10
MG825 Strategic Financial Management 5 10
MG814 Social Media Strategy and Practice 5 10
MG819 Developing Skills for Effective Management Consulting 5 10
MG822 Managing Innovation 5 10
MG824 Improving Management Decision Making 5 10
MGXXX Exploring Resourceful Strategy Practice 5 10
MG955 Managing in Europe (Tolouse) 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

either

MG933 Individual Dissertation 5 60

**Examination, Progress and Final Assessment**

Regulations 19.1.25 – 19.1.33 shall apply.
The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

**Award**

**Degree of MSc:** In order to qualify for the award of the degree of MSc in Business and Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
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.

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.

(Numbers not used)
Examination, Progress and Final Assessment

19.92.45 Regulations 19.1.25 – 19.1.33 shall apply.
19.92.46 The final assessment will be based on performance in the examinations, coursework, the MBM project where undertaken and, if required, in an oral examination.

Award

19.92.47 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Business and Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the MBM project.

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

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

19.92.59 to 19.92.80 (Numbers not used)
Management Information Technology Systems

MSc in Management of Information Technology Systems
Postgraduate Diploma in Management of Information Technology Systems
Postgraduate Certificate in Management of Information Technology Systems

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

Admission
19.92.81 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.92.82 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.92.83 The courses are available by full-time study only.

Curriculum
19.92.84 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 180 credits including an individual dissertation or a group project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG801 Managing Complexity in Organisations</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MG802 Critical Engagement with Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG803 Creativity Change and Innovation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MG804 Strategic Technology Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MG805 Management Information Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG806 IT Project Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MG807 Integrated Business Process Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MG808 Project</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Optional Classes
20 credits from the following:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG811 Programme and Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG825 Strategic Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG814 Social Media Strategy and Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG819 Developing Skills for Effective Management Consulting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG822 Managing Innovation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG824 Improving Management Decision Making</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MGXXX Exporing Resourceful Strategy Practice</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG955 Managing in Europe (Tolouse)</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Such other Level 5 classes as may be approved by the Course Director or nominee.

Students for the degree of MSc only:
MG 808 Individual Dissertation 5 40

Examination, Progress and Final Assessment
19.92.85 Regulations 19.1.19 and 19.1.20 shall apply.
19.92.86 The final assessment will be based on performance in the examinations, coursework, the project where appropriate and, if required, in an oral examination.

Award
19.92.87 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Management of Information Technology Systems, a candidate must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the individual or group project.
19.92.88 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Management of Information Technology Systems, a student must have accumulated no fewer than 120 credits from the taught classes of the course.
19.92.89 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Management of Information Technology Systems, a student must have accumulated no fewer than 60 credits from the taught classes of the course.
19.92.90 to 19.92.100 (Numbers not used)

International Management

**MSc in International Management**
**Postgraduate Diploma in International Management**
**Postgraduate Certificate in International Management**

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

Admission
19.92.101 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.92.102 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.92.103 The courses are available by full-time study only.

Curriculum
19.92.104 All students shall undertake an approved curriculum as follows:
for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MSc – no fewer than 180 credits including a dissertation

Compulsory Classes
MG961 Global Business Environment 5 20
MG962 Managing Across Cultures 5 20
MG963 Strategub and Organisation Across Borders 5 20
MG964 International Marketing 5 10
MG965 International Human Resource Management 5 10
MG966 International Financial Management 5 10
MG967 International Entrepreneurship 5 10
MG960 International Manager Development Programme 5 20

Optional Classes
20 credits from the following:
MG811 Programme and Project Management 5 10
MG825 Strategic Financial Management 5 10
MG814 Social Media Strategy and Practice 5 10
MG819 Developing Skills for Effective Management Consulting 5 10
MG822 Managing Innovation 5 10
MG824 Improving Management Decision Making 5 10
MGXXX Exporing Resourceful Strategy Practice 5 10
MG955 Managing in Europe (Tolouse) 5 10

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

Students for the degree of MSc only:
MG 970 Individual Dissertation 5 40

Examination, Progress and Final Assessment
19.92.106 The final assessment will be based on performance in the coursework, in the written examinations, the Dissertation and, if appropriate, in an oral examination.

Award
19.92.107 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 60 must have been awarded for the MIM Project.
19.92.108 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in International Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
**Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in International Management, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.92.109 to 19.92.110 (Numbers not used)

**Advanced Management Learning**

**Postgraduate Certificate in Advanced Management Learning**

**Course Regulations**

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

**Admission**

19.92.111 Regulations 19.1.1 - 19.1.3 shall apply. Non-graduate applicants should normally have at least 3 years relevant experience in the field of management at an appropriate level.

**Duration of Study**

19.92.112 Regulations 19.1.4 and 19.1.5 shall apply.

**Mode of Study**

19.92.113 The course is available by mixed-mode of study only.

**Curriculum**

19.92.114 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG xxx Management and Organisational Learning</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 40 credits chosen from:

- MG 911 The Reflective Practitioner 5 20
- MG 914 Managing People in Organisations 5 10
- MG 915 Marketing Management 5 10
- MG 916 Operations Management 5 10
- MG 917 Financial and Management Accounting 5 10
- MG 918 Finance and Financial Management 5 10
- MG 919 Analytical Support for Decision Making 5 10
- 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

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

**Examination, Progress and Final Assessment**

19.92.115 Regulations 19.1.25 – 19.1.33 shall apply.
The final assessment will be based on performance in all elements of the course and, if appropriate, an oral examination.

**Award**

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

**Transfer**

In relation to the transfer from the Postgraduate Certificate in Advanced Management Learning to the Postgraduate Diploma in Business, or the Master of Business Administration, Regulations 19.1.29 – 19.1.33 shall apply as appropriate.

To 19.92.120 (Numbers not used)
Management

Master in Management
Postgraduate Diploma in Management
Postgraduate Certificate in Management

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

Admission
19.92.121 Notwithstanding Regulation 19.1.1
(i) possess a degree (or in the case of direct entry to a Masters programme, a first or second class honours degree); 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

Holders of BA degrees in Business Studies or equivalent general business degrees shall not normally be eligible.

Duration of Study
19.92.122 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
- for the Postgraduate Diploma by full-time study – 18 months
- for the Postgraduate Certificate by full time study – 12 months

Mode of Study
19.92.123 The course is available by full-time study only.

Place of Study
19.92.124 The courses are taught at the SKIL Centre, India.

Curriculum
19.92.125 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 Master – no fewer than 240 credits including the project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG 914 Managing People in Organisations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 915 Marketing Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 918 Finance and Financial Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 919 Analytical Support for Decision Making</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 927 Business Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 930 Managerial Accounting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 931 Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 932 Business Economics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 995 Professional Management Practice</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
MG 999  Business Ethics and CSR in the Global Environment  5  20

Students for the degree of Master only
MG 996  Research Methods for Projects  5  20
MG 997  Project  5  40

Optional Classes
No fewer than 60 credits from the chosen specialisation as approved by the Course Director.

Examination, Progress and Final Assessment
19.92.126 Regulations 19.1.25 – 19.1.33 shall apply.
19.92.127 The final assessment will be based on performance in the examinations, coursework, the project where undertaken and, if required, in an oral examination.

Award
19.92.128 Degree of Master: In order to qualify for the award of the degree of Master in Management, a candidate must have accumulated no fewer than 240 credits, of which 40 must have been awarded in respect of the Project.
19.92.129 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.92.130 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
Department of Management Science

Operational Research

MSc in Operational Research
Postgraduate Diploma in Operational Research
Postgraduate Certificate in Operational Research

Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1.1.]

Admission
19.93.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.93.2 Regulations 19.1.5 and 19.1.6 shall apply. Notwithstanding Regulation 19.1.5, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study
19.93.3 The courses are available by full-time and part-time study and by distance learning.

Curriculum
19.93.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate - no fewer than 60 credits
for the Postgraduate Diploma - no fewer than 120 credits
for the Degree of MSc - no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 921 Foundations of Operational Research and Business Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 922 Quantitative Business Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 923 Managing Business Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 924 Spreadsheet Modelling and Demand Forecasting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 932 Operational Research Methods</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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 931 Advanced Operations Research Modeling using Specialist Software Tools | 5 | 10 |
| MS 933 Decision Analysis | 5 | 10 |

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

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 935 Becoming an Effective OR Modeller</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>
Optional Classes
No fewer than 20 credits chosen from the list of optional classes above.

Students for the degree of MSc only:
MS 931 Dissertation 5 60

Examination, Progress and Final Assessment
19.93.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.93.6 The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc) and, if required, in an oral examination.

Award
19.93.7 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Operational Research, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
19.93.8 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Operational Research, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.93.9 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Operational Research, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.93.10 to 19.93.20 (Number not used)

Reliability and Maintainability

**Postgraduate Certificate in Reliability and Maintainability**

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

Admissions
19.93.21 Regulations 19.1.1 - 19.1.4 shall apply.

Duration of Study
19.93.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.93.23 The course is available by part-time study only.

Curriculum
19.93.24 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 501 Mathematical and Statistical Modelling</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 502 Basic Reliability Theory and Techniques</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 503 Advanced System Reliability Modelling</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework.

Candidates who fail to satisfy the Board of Examiners in respect of not more than two classes at the first diet, may in the light of their overall performance and subject to the Board of Examiners, be permitted one further attempt to pass the relevant class(es), normally up to the end of the following academic year.

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

Award

Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Reliability and Maintainability, a candidate must have accumulated no fewer than 60 credits.

A candidate who satisfies the requirements of the regulations for the award of the Postgraduate Certificate and who has, in the opinion of the Board of Examiners, and according to prescribed criteria, attained a high level of performance, may be awarded a Postgraduate Certificate with Merit.

Communications Management

Master of Communications Management
Postgraduate Diploma in Communications Management

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

Admission

Regulations 19.1.1 and 19.1.2 shall apply.
In addition, applicants are normally required to have had a minimum of five years communications management experience.

Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply

Place of Study

As permitted by Regulation 19.1.8, study may be undertaken at the University of Strathclyde or at Telekom Malaysia.

Mode of Study

The courses are available by full-time and part-time study.
All students shall undertake an approved curriculum as follows:

for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MCM – no fewer than 180 credits including a dissertation

### Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 902</td>
<td>Strategic Business Planning in Communications</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 903</td>
<td>Financial Analysis and Modelling for the</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Communications Sector</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BF 905</td>
<td>The Principles and Practice of Communications</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Policy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BF 906</td>
<td>Topics in Communications Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 908</td>
<td>Telecommunications Law</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 974</td>
<td>International Human Resources Management in</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>the Communications Sector</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS 916</td>
<td>Communications Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 917</td>
<td>The Communications Environment</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Optional Classes

No fewer than 30 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 907</td>
<td>E-Commerce and its Impact</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 909</td>
<td>International Joint Ventures and Strategic</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Alliances</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BF 910</td>
<td>Customer-Focused Management in Communication</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 911</td>
<td>Risk and Project Management of Projects in</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BF 912</td>
<td>Management of Employee Relations in Communications</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 965</td>
<td>ICT and Development</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 975</td>
<td>Exploring the Internet: Policy and Governance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Issues</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### Students for the degree of MCM only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 990</td>
<td>Individual Research Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

### Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the coursework, in the written examinations, in the project report and, if appropriate, in an oral examination.

### Award

**Degree of MCM:** In order to qualify for the award of the degree of Master of Communications 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 for the Project.
Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Communications Management, a candidate must have accumulated no fewer than 120 credits.

(19.93.39)

(Number not used)

Business Analysis and Consulting

MSc in Business Analysis and Consulting
Postgraduate Diploma in Business Analysis and Consulting
Postgraduate Certificate in Business Analysis and Consulting

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

Admission
19.93.41 Regulation 19.1.1 shall apply.

Duration of Study
19.93.42 Regulations 19.1.5 and 19.1.6 shall apply.
Notwithstanding Regulation 19.1.5, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study
19.93.43 The courses are available by full-time and part-time study and by distance learning.

Curriculum
19.93.44 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 921 Foundations of Operational Research and Business Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 922 Quantitative Business Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 923 Managing Business Operations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 924 Spreadsheet Modelling and Demand Forecasting</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 925 Strategy Modelling and Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 10 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 926 Business Simulation Methods</td>
<td>5</td>
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</tr>
<tr>
<td>MS 927 Risk Analysis and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 928 Business Information Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 929 Performance Measurement and Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake:
Compulsory Class
MS 930  Becoming an Effective Business Analyst  5  40

Optional Classes
No fewer than 20 credits chosen from the list of optional classes above

Students for the degree of MSc only:
MS 931  Dissertation  5  60

Examination, Progress and Final Assessment
19.93.45 Regulations 19.1.25 – 19.1.33 shall apply.
19.93.46 The final assessment will be based on performance in the examinations, coursework, the dissertation (in the case of the MSc) and, if required, in an oral examination.

Award
19.93.47 Degree of MSc: In order to qualify for the award of the degree of MSc in Business Analysis and Consulting, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
19.93.48 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Business Analysis and Consulting, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.93.49 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Business Analysis and Consulting, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.94 Department of Marketing

Marketing

MSc in Marketing
MSc in Marketing with Specialisation in Customer Management
Postgraduate Diploma in Marketing
Postgraduate Certificate in Marketing

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

Admission
19.94.1 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree from a United Kingdom university which does not contain a substantial element of Marketing; or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants, whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
19.94.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.94.3 The courses are available by full-time and part-time study.

Curriculum
19.94.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits including all the compulsory classes
for the degree of MSc – no fewer than 180 credits including a dissertation and a project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 970</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 971</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 972</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

In addition, students for Postgraduate Diploma and degree of MSc shall undertake:
Compulsory Classes:
MK 968   Key Skills  5  10
MK 969   Dissertation Skills  5  10

Optional Classes:
No fewer than 40 credits chosen from
MK 800   Sector Studies  5  10
MK 801   Service Encounter Management  5  10
MK 802  Social Marketing  5  10
MK 803  Sports Marketing in a Global Context  5  10
MK 951  Food, Beverage and Society  5  10
MK 962  Tourist Behaviour  5  10
MK 982  Area Studies  5  10
MK 983  Brand Management and Strategy  5  10
MK 984  Business-to-Business Marketing  5  10
MK 985  Contemporary Consumers  5  10
MK 986  Critical Marketing  5  10
MK 987  Customer/Business Metrics  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 991  Entrepreneurial Marketing  5  10
MK 992  Export Marketing  5  10
MK 993  Hospitality and Tourism Entrepreneurship  5  10
MK 994  Integrated Marketing Communications  5  10
MK 995  International Channel Management  5  10
MK 996  International Culture and Heritage Marketing  5  10
MK 997  International Product Innovation  5  10
MK 998  International Services Marketing  5  10
MK 999  Retail Marketing Management  5  10

Specialisation in Customer Management
Compulsory Classes
MK 988  Customer Management 1  5  10
OR
MK 989  Customer Management 2  5  10
PLUS 10 credits from a list of electives deemed appropriate by the department.

Optional Classes
No fewer than 20 credits chosen from the list of optional classes above

Students for the degree of MSc only:
MK 967  Dissertation  5  40
MK973  Marketing Works  5  20

Examination, Progress and Final Assessment
19.94.5 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and, in the case of candidates for the degree of MSc, in the dissertation.

19.94.6 Candidates for the degree of MSc who fail to satisfy the Board of Examiners in not more than two classes at the first diet of examinations may, at the discretion of the Board of Examiners, be permitted to proceed to the dissertation and have one further attempt to pass the relevant class(es) normally in the same academic year.

19.94.7 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.
Award
19.94.8 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Marketing, a candidate must

Examination, Progress and Final Assessment
19.94.5 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and, in the case of candidates for the degree of MSc, in the dissertation.
19.94.6 Candidates for the degree of MSc who fail to satisfy the Board of Examiners in not more than two classes at the first diet of examinations may, at the discretion of the Board of Examiners, be permitted to proceed to the dissertation and have one further attempt to pass the relevant class(es) normally in the same academic year.
19.94.7 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award
19.94.8 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation. In order to qualify for the award of the degree of MSc in Marketing with Specialisation in Customer 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 and 20 must be from the optional classes for the named pathway.
19.94.9 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Marketing, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.94.10 to 19.94.20 (Numbers not used)

International Marketing

MSc in International Marketing
MSc in International Management with Specialisation in Customer Management
Postgraduate Diploma in International Marketing
Postgraduate Certificate in International Marketing

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

Admission
19.94.21 Notwithstanding Regulation 19.1.1, applicants shall possess:
   (i) a first or second class Honours degree of a United Kingdom University (in a cognate discipline); or
(ii) other qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
(iii) a first or second class Honours degree of a United Kingdom University (in a non-cognate discipline) and relevant Marketing experience.

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

**Duration of Study**

19.94.22 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

19.94.23 The courses are available by full-time study and distance learning.

**Curriculum**

19.94.24 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation and a project

### Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 941</td>
<td>Internationalisation Marketing Strategies and Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 943</td>
<td>International Marketing Planning and Control</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 975</td>
<td>Cross-Cultural Buyer Behaviour</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 977</td>
<td>International Marketing Research</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

In addition, students for the degree of MSc and Postgraduate Diploma shall undertake:

### Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 968</td>
<td>Key Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 969</td>
<td>Dissertation Skills</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

### Optional Classes

No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 800</td>
<td>Sector Studies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 801</td>
<td>Service Encounter Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 802</td>
<td>Social Marketing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 803</td>
<td>Sports Marketing in a Global Context</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 951</td>
<td>Food, Beverage and Society</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 962</td>
<td>Tourist Behaviour</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 982</td>
<td>Area Studies</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 983</td>
<td>Brand Management and Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 984</td>
<td>Business-to-Business Marketing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 985</td>
<td>Contemporary Consumers</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 986</td>
<td>Critical Marketing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 987</td>
<td>Customer/Business Metrics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 988</td>
<td>Customer Management 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 989</td>
<td>Customer Management 2</td>
<td>5</td>
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</tr>
</tbody>
</table>
MK 990 Destination Marketing and Management 5 10
MK 991 Entrepreneurial Marketing 5 10
MK 992 Export Marketing 5 10
MK 993 Hospitality and Tourism Entrepreneurship 5 10
MK 994 Integrated Marketing Communications 5 10
MK 995 International Channel Management 5 10
MK 996 International Culture and Heritage Marketing 5 10
MK 997 International Product Innovation 5 10
MK 998 International Services Marketing 5 10
MK 999 Retail Marketing Management 5 10

Specialisation in Customer Management
Compulsory Classes
MK 988 Customer Management 1 5 10
OR
MK 989 Customer Management 2 5 10
PLUS 10 credits from a list of electives deemed appropriate by the department.

Optional Classes
No fewer than 20 credits chosen from the list of optional classes above

Students for the degree of MSc only:
MK 967 Dissertation 5 40
MK 978 Marketing Works International 5 20

Examination, Progress and Final Assessment
19.94.25 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and, in the case of candidates for the degree of MSc, in the dissertation.
19.94.26 Notwithstanding Regulation 19.1.30, candidates who fail to satisfy the examiners in not more than two classes at the first diet of examinations may, at the discretion of the Board of Examiners, be allowed to proceed to the dissertation where appropriate and have one further attempt to pass the relevant class(es), normally in the same academic year.
19.94.27 The final assessment will be based on performance in the coursework, in the written examinations and, if appropriate, in an oral examination. For candidates for the degree of MSc candidates, the final assessment will also be based on the dissertation.

Award
19.94.28 Degree of MSc: In order to qualify for the award of the degree of MSc in International Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation.
In order to qualify for the award of the degree of MSc in International Marketing with Specialisation in Customer 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 and 20 must be from the optional classes for the named pathway.

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

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

MSc in International Hospitality Management
Postgraduate Diploma in International Hospitality Management
Postgraduate Certificate in International Hospitality Management

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

Admission
19.94.31 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.94.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.94.33 The courses are available by full-time and part-time study.

Curriculum
19.94.34 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate - no fewer than 60 credits of which 40 must be from List A and 20 must be from List D
- for the Postgraduate Diploma - no fewer than 120 credits including those for all classes in Lists A and B, 10 from List C and 30 from List D
- for degree of MSc - no fewer than 180 credits including those for all classes in Lists A and B, 10 from List C and 30 from List D plus a 60 credit dissertation

<table>
<thead>
<tr>
<th>Classes</th>
<th></th>
<th></th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>List A</td>
<td>The International Hospitality and Tourism Industry</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 952</td>
<td>Theories and Concepts in International Hospitality and Tourism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 954</td>
<td>Hospitality Operations Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 961</td>
<td>Research Methods for Hospitality and Tourism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>List B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MK 955</td>
<td>Food, Beverage and Society</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 953</td>
<td>Strategic Issues in International Hospitality</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>List C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MK 951</td>
<td>Marketing Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 957</td>
<td>Managing People in Organisations</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MK 958</td>
<td>Business and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>List D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG 956</td>
<td>Food, Beverage and Society</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MG 957</td>
<td>Strategic Issues in International Hospitality</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

For the degree of MSc only:
MK 967 Dissertation 5 60
Examination, Progress and Final Assessment

19.94.35 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.94.37 **Degree of MSc**: In order to qualify for the degree of MSc in International Hospitality Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.

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

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

to 19.94.40 (Number not used)

International Tourism Management

MSc in International Tourism Management
Postgraduate Diploma in International Tourism Management
Postgraduate Certificate in International Tourism Management

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

Admission

19.94.41 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.94.42 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.94.44 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate - no fewer than 60 credits of which 40 must be from List A and 20 from List D
for the Postgraduate Diploma - no fewer than 120 credits including those for all the classes in Lists A and B, 10 from List C and 30 from List D
for degree of MSc - no fewer than 180 credits including those for all classes in Lists A and B, 10 from List C and 30 from List D plus a 60 credit dissertation

<table>
<thead>
<tr>
<th>Classes</th>
<th>List A</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 952</td>
<td>The International Hospitality and Tourism Industry 5 20</td>
</tr>
<tr>
<td>MK 954</td>
<td>Theories and Concepts in International Hospitality and Tourism 5 20</td>
</tr>
<tr>
<td>MK 959</td>
<td>Tourism Planning and Development 5 20</td>
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</table>

<table>
<thead>
<tr>
<th>List B</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 955</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List C</th>
</tr>
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<tbody>
<tr>
<td>MK 960</td>
</tr>
<tr>
<td>MK 962</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List D</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 956</td>
</tr>
<tr>
<td>MK 957</td>
</tr>
<tr>
<td>MK 958</td>
</tr>
</tbody>
</table>

For the degree of MSc only:
| MK 967 | Dissertation 5 60 |

**Examination, Progress and Final Assessment**

19.94.45 Regulations 19.1.25 – 19.1.33 shall apply.

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

**Award**

19.94.47 **Degree of MSc**: In order to qualify for the award of the degree of MSc in International Tourism Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation.

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

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

19.94.50 (Number not used)
International Hospitality and Tourism Management

MSc in International Hospitality and Tourism Management
Postgraduate Diploma in International Hospitality and Tourism Management
Postgraduate Certificate in International Hospitality and Tourism Management

Course Regulations
(These regulations are to be read in conjunction with Regulation 19.1)

Admission
19.94.51 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.94.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.94.53 The courses are available by full-time and part-time study.

Curriculum
19.94.54 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate - no fewer than 60 credits
for the Postgraduate Diploma - no fewer than 120 credits including all the compulsory classes
for degree of MSc - no fewer than 180 credits including a dissertation and an Industry Project

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK 970 Strategic Marketing Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 980 International Hospitality and Tourism Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MK 979 Hospitality and Tourism Research:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agendas and Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

In addition, students for Postgraduate Diploma and degree of MSc shall undertake:

Compulsory Classes:
MK 968 Key Skills                           | 5     | 10      |
MK 969 Dissertation Skills                   | 5     | 10      |

Optional Classes:
No fewer than 40 credits chosen from
MK 800 Sector Studies                        | 5     | 10      |
MK 801 Service Encounter Management          | 5     | 10      |
MK 802 Social Marketing                      | 5     | 10      |
MK 803 Sports Marketing in a Global Context  | 5     | 10      |
MK 982 Area Studies                          | 5     | 10      |
MK 983 Brand Management and Strategy         | 5     | 10      |
MK 984 Business-to-Business Marketing        | 5     | 10      |
MK 985 Contemporary Consumers                | 5     | 10      |
MK 986  Critical Marketing  5  10
MK 987  Customer/Business Metrics  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 991  Entrepreneurial Marketing  5  10
MK 992  Export Marketing  5  10
MK 993  Hospitality and Tourism Entrepreneurship  5  10
MK 994  Integrated Marketing Communications  5  10
MK 995  International Channel Management  5  10
MK 996  International Culture and Heritage Marketing  5  10
MK 997  International Product Innovation  5  10
MK 998  International Services Marketing  5  10
MK 999  Retail Marketing Management  5  10
MK951  Food, Beverage & Society  5  10
MK962  Tourist Behaviour  5  10

For the degree of MSc only:
MK 967  Dissertation  5  40
MK 981  Industry Project  5  20

Specialisation in Marketing
Compulsory Classes:

20 credits from a list of electives deemed appropriate by the department.

PLUS

20 credits from list of classes in regulation 19.94.54

**Examination, Progress and Final Assessment**
19.94.55  Regulations 19.1.25 – 19.1.33 shall apply.
19.94.56  The final assessment will be based on performance in the examinations, coursework, the Dissertation where undertaken, and, if required, in an oral examination.

**Award**
19.94.57  Degree of MSc: In order to qualify for the degree of MSc in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
19.94.58  Postgraduate Diploma: In order to qualify for the award of a Postgraduate Diploma in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.94.59  Postgraduate Certificate: In order to qualify for the award of a Postgraduate Certificate in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
19.95  to 19.119  (Numbers not used)
Examination, Progress and Final Assessment

19.94.55 Regulations 19.1.25 – 19.1.33 shall apply.
19.94.56 The final assessment will be based on performance in the examinations, coursework, the Dissertation where undertaken, and, if required, in an oral examination.

Award

19.94.57 **Degree of MSc:** In order to qualify for the degree of MSc in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.

19.94.58 **Postgraduate Diploma:** In order to qualify for the award of a Postgraduate Diploma in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.94.59 **Postgraduate Certificate:** In order to qualify for the award of a Postgraduate Certificate in International Hospitality and Tourism Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.94.60 to 19.119 (Numbers not used)
Faculty of Humanities and Social Sciences

19.120 Faculty Courses

Most postgraduate courses offered within the School of Education have a common structure within the Master of Education programme where award of qualifications depends upon pursuit of a named course or combination of courses.

**MEd degrees, associated Postgraduate Diplomas and Postgraduate Certificates**

**Postgraduate Certificate**

- Adult Guidance
- Autism
- Early Years Pedagogue
- Education Studies
- Inclusive Education
- Management and Leadership in Education
- Philosophy with Children
- Supporting Bilingual Learners in the Mainstream Classroom
- Supporting Teacher Learning

**Postgraduate Diploma**

- Adult Guidance
- Autism
- Early Years Pedagogue
- Education Studies
- Inclusive Education
- Management and Leadership in Education
- School Leadership and Management (Scottish Qualification for Headship)
- Adult Guidance and Autism
- Adult Guidance and Early Years Pedagogue
- Adult Guidance and Education Studies
- Adult Guidance and Inclusive Education
- Adult Guidance and Management and Leadership in Education
- Adult Guidance and Philosophy with Children
- Adult Guidance and Supporting Bilingual Learners in the Mainstream Classroom
- Adult Guidance and Supporting Teacher Learning
- Autism and Early Years Pedagogue
- Autism and Education Studies
- Autism and Inclusive Education
- Autism and Management and Leadership in Education
- Autism and Philosophy with Children
- Autism and Supporting Bilingual Learners in the Mainstream Classroom
- Autism and Supporting Teacher Learning
- Inclusive Education and Education Studies
Inclusive Education and Management and Leadership in Education
Inclusive Education and Philosophy with Children
Inclusive Education and Supporting Bilingual Learners in the Mainstream Classroom
Inclusive Education and Supporting Teacher Learning
Management and Leadership in Education and Education Studies
Management and Leadership in Education and Supporting Bilingual Learners in the Mainstream Classroom
Management and Leadership in Education and Supporting Teacher Learning
Philosophy with Children and Education Studies
Philosophy with Children and Supporting Bilingual Learners in the Mainstream Classroom
Philosophy with Children and Supporting Teacher Learning
Supporting Bilingual Learners in the Mainstream Classroom and Education Studies
Supporting Bilingual Learners in the Mainstream Classroom and Supporting Teacher Learning
Supporting Teacher Learning and Education Studies

**Master of Education**

Adult Guidance
Autism
Early Years Pedagogy
Education Studies
Inclusive Education
Management and Leadership in Education
Professional Practice
School Leadership and Management (Scottish Qualification for Headship)
Adult Guidance with Autism
Adult Guidance with Early Years Pedagogy
Adult Guidance with Education Studies
Adult Guidance with Inclusive Education
Adult Guidance with Management and Leadership in Education
Adult Guidance with Philosophy with Children
Adult Guidance with Supporting Bilingual Learners in the Mainstream Classroom
Adult Guidance with Supporting Teacher Learning
Autism with Adult Guidance
Autism with Early Years Pedagogy
Autism with Education Studies
Autism with Inclusive Education
Autism with Management with Leadership in Education
Autism with Philosophy with Children
Autism with Supporting Bilingual Learners in the Mainstream Classroom
Autism with Supporting Teacher Learning
Early Years Pedagogy with Adult Guidance
Early Years Pedagogy with Autism
Early Years Pedagogy with Education Studies
Early Years Pedagogy with Inclusive Education
Early Years Pedagogy with Management and Leadership in Education
Early Years Pedagogy with Philosophy with Children
Early Years Pedagogue with Supporting Bilingual Learners in the Mainstream Classroom
Early Years Pedagogue with Supporting Teacher Learning
Education Studies with Adult Guidance
Education Studies with Autism
Education Studies with Early Years Pedagogue
Education Studies with Inclusive Education
Education Studies with Management and Leadership in Education
Education Studies with Philosophy with Children
Education Studies with Supporting Bilingual Learners in the Mainstream Classroom
Education Studies with Supporting Teacher Learning
Inclusive Education with Adult Guidance
Inclusive Education with Autism
Inclusive Education with Early Years Pedagogue
Inclusive Education with Education Studies
Inclusive Education with Management and Leadership in Education
Inclusive Education with Philosophy with Children
Inclusive Education with Supporting Bilingual Learners in the Mainstream Classroom
Inclusive Education with Supporting Teacher Learning
Management and Leadership in Education with Adult Guidance
Management and Leadership in Education with Autism
Management and Leadership in Education with Early Years Pedagogue
Management and Leadership in Education with Education Studies
Management and Leadership in Education with Inclusive Education
Management and Leadership in Education with Philosophy with Children
Management and Leadership in Education with Supporting Bilingual Learners in the Mainstream Classroom
Management and Leadership in Education with Supporting Teacher Learning
Philosophy with Children with Adult Guidance
Philosophy with Children with Autism
Philosophy with Children with Early Years Pedagogue
Philosophy with Children with Education Studies
Philosophy with Children with Inclusive Education
Philosophy with Children with Management and Leadership in Education
Philosophy with Children with Supporting Bilingual Learners in the Mainstream Classroom
Philosophy with Children with Supporting Teacher Learning
Professional Practice with Adult Guidance
Professional Practice with Autism
Professional Practice with Early Years Pedagogue
Professional Practice with Inclusive Education
Professional Practice with Management and Leadership in Education
Professional Practice with Philosophy with Children
Professional Practice with Supporting Bilingual Learners in the Mainstream Classroom
Professional Practice with Supporting Teacher Learning
Supporting Bilingual Learners in the Mainstream Classroom with Adult Guidance
Supporting Bilingual Learners in the Mainstream Classroom with Autism
Supporting Bilingual Learners in the Mainstream Classroom with Early Years Pedagogy
Supporting Bilingual Learners in the Mainstream Classroom with Education Studies
Supporting Bilingual Learners in the Mainstream Classroom with Inclusive Education
Supporting Bilingual Learners in the Mainstream Classroom with Management and Leadership in Education
Supporting Bilingual Learners in the Mainstream Classroom with Philosophy with Children
Supporting Bilingual Learners in the Mainstream Classroom with Supporting Teacher Learning
Supporting Teacher Learning in the Mainstream Classroom with Adult Guidance
Supporting Teacher Learning with Autism
Supporting Teacher Learning with Early Years Pedagogy
Supporting Teacher Learning with Education Studies
Supporting Teacher Learning with Inclusive Education
Supporting Teacher Learning with Management and Leadership in Education
Supporting Teacher Learning Classroom with Philosophy with Children
Supporting Teacher Learning with Supporting Bilingual Learners in the Mainstream Classroom

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

Admission
19.120.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3, applicants for the Master of Education programme must usually be working in an appropriate professional context or have suitable access to an appropriate professional context.

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.
Notwithstanding Regulation 19.1.3 it may be possible for students to gain APL of up to 67% on admission to the Master's degree.

Duration of Study
19.120.2 Regulations 19.1.5 shall apply. Notwithstanding the provisions of Regulation 19.1.6, the maximum duration of study shall be for the degree of MEd by part-time study or distance learning - 108 months elapsed time; for the Postgraduate Diploma by part time study or distance learning - 72 months elapsed time; for the Postgraduate Certificate by part-time study or distance learning - 36 months elapsed time.

Place of Study
19.120.3 As permitted by Regulation 19.1.8,
All Master of Education courses make use of distance learning and blended learning as well as on campus delivery

**Mode of Study**

19.120.4 All courses make use of blended learning and some distance learning. All courses are available on a part-time basis only with the exception of MEd in Autism
MEd in Education Studies
MEd in Management and Leadership in Education

**Curriculum**

19.120.5 All students shall undertake classes, subject to the approval of the Course Leader, within one of the following pathways, which are named postgraduate awards within the Master of Education Programme of the Faculty of Humanities, Arts and Social Sciences.

Students proceeding to the degree of Master shall undertake a report or dissertation as specified in Regulation 19.1.19.

Adult Guidance  
Autism  
Early Years Pedagoge  
Education Studies  
Inclusive Education  
Management and Leadership in Education  
Professional Practice  
School Leadership and Management (Scottish Qualification for Headship)  
Philosophy with Children  
Supporting Bilingual Learners in the Mainstream Classroom  
Supporting Teacher Learning  
Adult Guidance with/and Autism  
Adult Guidance with/and Early Years Pedagoge  
Adult Guidance with/and Education Studies  
Adult Guidance with/and Inclusive Education  
Adult Guidance with/and Management and Leadership in Education  
Adult Guidance with/and Philosophy with Children  
Adult Guidance with/and Supporting Bilingual Learners in the Mainstream Classroom  
Adult Guidance with/and Supporting Teacher Learning  
Autism with Adult Guidance  
Autism with/and Early Years Pedagoge  
Autism with/and Education Studies  
Autism with/and Inclusive Education  
Autism with/and Management with Leadership in Education  
Autism with/and Philosophy with Children

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Autism with/and Supporting Bilingual Learners in the Mainstream Classroom  
Regulation 19.120.31
Autism with/and Supporting Teacher Learning  
Regulation 19.120.32
Early Years Pedagogue with Adult Guidance  
Regulation 19.120.33
Early Years Pedagogue with Autism  
Regulation 19.120.34
Early Years Pedagogue with/and Education Studies  
Regulation 19.120.35
Early Years Pedagogue with/and Inclusive Education  
Regulation 19.120.36
Early Years Pedagogue with/and Management and Leadership in Education  
Regulation 19.120.37
Early Years Pedagogue with/and Philosophy with Children  
Regulation 19.120.38
Early Years Pedagogue with/and Supporting Bilingual Learners in the Mainstream Classroom  
Regulation 19.120.39
Early Years Pedagogue with/and Supporting Teacher Learning  
Regulation 19.120.40
Education Studies with Adult Guidance  
Regulation 19.120.41
Education Studies with Autism  
Regulation 19.120.42
Education Studies with Early Years Pedagogue  
Regulation 19.120.43
Education Studies with/and Inclusive Education  
Regulation 19.120.44
Education Studies with/and Management and Leadership in Education  
Regulation 19.120.45
Education Studies with/and Philosophy with Children  
Regulation 19.120.46
Education Studies with/and Supporting Bilingual Learners in the Mainstream Classroom  
Regulation 19.120.47
Education Studies with/and Supporting Teacher Learning  
Regulation 19.120.48
Inclusive Education with Adult Guidance  
Regulation 19.120.49
Inclusive Education with Autism  
Regulation 19.120.50
Inclusive Education with Early Years Pedagogue  
Regulation 19.120.51
Inclusive Education with Education Studies  
Regulation 19.120.52
Inclusive Education with/and Management and Leadership in Education  
Regulation 19.120.53
Inclusive Education with/and Philosophy with Children  
Regulation 19.120.54
Inclusive Education with/and Supporting Bilingual Learners in the Mainstream Classroom  
Regulation 19.120.55
Inclusive Education with/and Supporting Teacher Learning  
Regulation 19.120.56
Management and Leadership in Education with Adult Guidance  
Regulation 19.120.57
Management and Leadership in Education with Autism  
Regulation 19.120.58
Management and Leadership in Education with Early Years Pedagogue  
Regulation 19.120.59
Management and Leadership in Education with Education Studies  
Regulation 19.120.60
Management and Leadership in Education with Inclusive Education  
Regulation 19.120.61
Management and Leadership in Education
with/and Philosophy with Children   Regulation 19.120.62
Management and Leadership in Education
with/and Supporting Bilingual Learners in the
Mainstream Classroom   Regulation 19.120.63
Management and Leadership in Education
with/and Supporting Teacher Learning   Regulation 19.120.64
Philosophy with Children with Adult Guidance   Regulation 19.120.65
Philosophy with Children with Autism   Regulation 19.120.66
Philosophy with Children with
Early Years Pedagogue   Regulation 19.120.67
Philosophy with Children with
Education Studies   Regulation 19.120.68
Philosophy with Children with
Inclusive Education   Regulation 19.120.69
Philosophy with Children with
Management and Leadership in Education   Regulation 19.120.70
Philosophy with Children with/and Supporting
Bilingual Learners in the Mainstream
Classroom   Regulation 19.120.71
Philosophy with Children with/and
Supporting Teacher Learning   Regulation 19.120.72
Professional Practice with Adult Guidance   Regulation 19.120.73
Professional Practice with Autism   Regulation 19.120.74
Professional Practice with
Early Years Pedagogue   Regulation 19.120.75
Professional Practice with Inclusive Education   Regulation 19.120.76
Professional Practice with Management
and Leadership in Education   Regulation 19.120.77
Professional Practice with
Philosophy with Children   Regulation 19.120.78
Professional Practice with Supporting
Bilingual Learners in the Mainstream
Classroom   Regulation 19.120.79
Professional Practice with
Supporting Teacher Learning   Regulation 19.120.80
Supporting Bilingual Learners in the Mainstream
Classroom with Adult Guidance   Regulation 19.120.81
Supporting Bilingual Learners in the
Mainstream Classroom with Autism   Regulation 19.120.82
Supporting Bilingual Learners in the
Mainstream Classroom with Early Years
Pedagogue   Regulation 19.120.83
Supporting Bilingual Learners in the
Mainstream Classroom with Education
Studies   Regulation 19.120.84
Supporting Bilingual Learners in the
Mainstream Classroom with Inclusive Education Regulation 19.120.85
Supporting Bilingual Learners in the
Mainstream Classroom with Management and
Leadership in Education   Regulation 19.120.86
Supporting Bilingual Learners in the
Mainstream Classroom with Philosophy with Children       Regulation 19.120.87
Supporting Bilingual Learners in the Mainstream Classroom with/and Supporting Teacher Learning Regulation 19.120.88
Supporting Teacher Learning in the Mainstream Classroom with Adult Guidance Regulation 19.120.89
Supporting Teacher Learning with Autism Regulation 19.120.90
Supporting Teacher Learning with Early Years Pedagogy Regulation 19.120.91
Supporting Teacher Learning with Education Studies Regulation 19.120.92
Supporting Teacher Learning with Inclusive Education Regulation 19.120.93
Supporting Teacher Learning with Management and Leadership in Education Regulation 19.120.94
Supporting Teacher Learning Classroom with Philosophy with Children Regulation 19.120.95
Supporting Teacher Learning with Supporting Bilingual Learners in the Mainstream Classroom Regulation 19.120.96

**MEd, Postgraduate Diploma and Postgraduate Certificate in Adult Guidance**

19.120.6 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3936 The Organisation and Practice of Adult Guidance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3939 Interviewing and Counselling Skills in Adult Guidance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3937 Information Resources and Marketing Strategies in Adult Guidance</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3932 Work Based Learning Agreement</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from

<table>
<thead>
<tr>
<th>Professional and Ethical Issues in Adult Guidance</th>
<th>5</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Support Needs and Adult Guidance, Any other available Master of Education class</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Dissertation; Research Methods and Ethics (Adult Guidance)</th>
<th>5</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dissertation; Final Project (Adult Guidance)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>
MEd, Postgraduate Diploma and Postgraduate Certificate in Autism

19.120.7 All students for the Certificate shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9808 Theory and Practice 1: Conceptual Frameworks in Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X7798 Theory and Practice 2: The Spectrum of Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X7799 Theory and Practice 3: Responding to the Impact of Autism</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Or (distance learning)

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3944 Theory and Practice 1: Conceptual Frameworks in Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3945 Theory and Practice 2: The Spectrum of Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3946 Theory and Practice 3: Responding to the Impact of Autism</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

**Compulsory Class:**

| XXXXX Emotional Wellbeing in Autism | 5 | 20 |

Optional Classes

No fewer than 40 credits chosen from

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3947 Understanding the Impact of Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3954 Multidisciplinary and Family Support</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9358 Counselling Skills in Autism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>XXXX Autism and Schooling: The Autism Toolbox</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>XXXX Autism: Becoming a Trainer</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Dissertation</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3909 Research Methods and Ethics (Autism)</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3921 Final Project (Autism)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

MEd, Postgraduate Diploma and Postgraduate Certificate in Early Years Pedagogue

19.120.8 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7789 Taking Action: Child, Family and Community</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Efficacy 5  20
X9802 Listening to Children and Hearing Their Voices 5  20
X9854 Creating Stimulating Learning Environments Inside and Out 5  20

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Optional Classes
No fewer than 60 credits chosen from
X9876 The Connected Child 5  20
X7797 Leading in a Time of Change. 5  20
X9644 Child Centred and Child Focused Approaches to Practitioner Research 5  20
One other available Master of Education class 5  20

Students for the degree of MEd only:
X3910 Dissertation; Research Methods and Ethics 5  20
(Early Years Pedagogue)
X3920 Dissertation; Final Project 5  40
(Early Years Pedagogue)

MEd, Postgraduate Diploma and Postgraduate Certificate in Education Studies

19.120.9 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Class Level Credits
X3934 Critical Reading and Writing 5  20

Optional Classes
No less than 40 credits from:
Any other available Master of Education class 5  20/40

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Optional Classes
No less than 60 credits from:
Any other available Master of Education class 5  20/40

Students with existing level 5 credits registering for Postgraduate Diploma or MEd Education Studies beyond the Postgraduate Certificate stage do not need to take X3934 Critical Reading and Writing

Students for the degree of MEd only:
X3905 Dissertation; Research Methods and Ethics 5  20
(Education Studies)
X3923 Dissertation; Final Project 5  40
(Education Studies)
MEd, Postgraduate Diploma and Postgraduate Certificate in Inclusive Education

19.120.10 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9743 Understanding Inclusive Education</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9744 Providing Effective Educational Support</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9745 Working Together in Educational Settings</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9701 Inclusive Pedagogy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9784 Supporting Numeracy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9746 Supporting Language and Literacy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9722 Health and Wellbeing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Any other available Master of Education class</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3911 Dissertation; Research Methods and Ethics (Inclusive Education)</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3923 Dissertation; Final Project (Inclusive Education)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

MEd, Postgraduate Diploma and Postgraduate Certificate in Management and Leadership in Education

19.120.11 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9786 Management and Leadership 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9794 Management and Leadership 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9788 Introduction to Quality and Performance Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9793 Education and the Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9787 Management and Leadership</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9785 Leading and Managing People</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9789 Management of Change</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9791 Leading Teaching and Learning</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9790 Managing Effective Learning for All</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9792 Management and Leadership in Secondary Guidance/Pastoral Care</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Compulsory Class
X9788 Management and Leadership 3 5 20

Optional Classes
No fewer than 40 credits chosen from the options list above

Students for the degree of MEd only:
X3912 Dissertation; Research Methods and Ethics 5 20
(Management and Leadership in Education)
X3925 Dissertation; Final Project 5 40
(Management and Leadership in Education)

MEd, Postgraduate Diploma and Postgraduate Certificate in Professional Practice

19.120.12 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3934 Critical Reading and Writing</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No less than 40 credits from:
Any other available Master of Education class 5 20/40

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Optional Classes
No less than 60 credits from:
Any other available Master of Education class 5 20/40

Students with existing level 5 credits registering for Postgraduate Diploma or MEd Professional Practice beyond the Postgraduate Certificate stage do not need to take X3934 Critical Reading and Writing

Students for the degree of MEd only:
X3906 Dissertation; Research Methods and Ethics 5 20
(Professional Practice)
X3922 Dissertation; Final Project 5 40
(Professional Practice)

MEd, Postgraduate Diploma in School Leadership and Management (Scottish Qualification for Headship)

19.120.13 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
</table>

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Students for the degree of MEd only:
X3913 Dissertation; Research Methods and Ethics (School Leadership and Management) 5 20
X3926 Dissertation; Final Project (School Leadership and Management) 5 40

Students who exit with fewer than 120 credits can be awarded the Postgraduate Certificate in Education Studies.

Students who have completed the Postgraduate Diploma in School Leadership and Management (Scottish Qualification for Headship) and who have an additional 60 level 5 credits in an area deemed relevant by the Course Leader, may exit with an MEd in School Leadership and Management (Scottish Qualification for Headship).

**Postgraduate Certificate in Philosophy with Children**

19.120.14 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3902 Introduction to Philosophy and Philosophical Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3901 Philosophy with Children; Theory</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3903 Philosophy with Children; Facilitation</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

**Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom**

19.120.15 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3941 Theory and Practice in Supporting Bilingual Learners</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3942 Policy and Practice in Supporting Bilingual Learners</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3943 Action Research to Support Bilingual Learners</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

**Postgraduate Certificate in Supporting Teacher Learning**

19.120.16 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9797 How Teachers Learn</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9798 Contemporary Contexts for Teacher Learning</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
and Teachers’ Work 5 20
X9799 Supporting Professional Learning in the Workplace 5 20

**MEd, Postgraduate Diploma in Adult Guidance with/and Autism**

19.120.17 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Autism

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics 5 20 (Adult Guidance)
X3908 Dissertation; Final Project (Adult Guidance) 5 40

**MEd, Postgraduate Diploma in Adult Guidance with/and Early Years Pedagogue**

19.120.18 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Early Years Pedagogue

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics 5 20 (Adult Guidance)
X3908 Dissertation; Final Project (Adult Guidance) 5 40

**MEd, Postgraduate Diploma in Adult Guidance with/and Education Studies**

19.120.19 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and not less than 60 credits from Education Studies

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics 5 20 (Adult Guidance)
X3908 Dissertation; Final Project (Adult Guidance) 5 40

**MEd, Postgraduate Diploma in Adult Guidance with/and Inclusive Education**

19.120.20 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Inclusive Education

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics 5 20 (Adult Guidance)
X3908 Dissertation; Final Project (Adult Guidance) 5 40

**MEd, Postgraduate Diploma in Adult Guidance with/and Management and Leadership in Education**

266
19.120.21 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Management and Leadership in Education

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics (Adult Guidance)  5  20
X3908 Dissertation; Final Project (Adult Guidance)  5  40

MEd, Postgraduate Diploma in Adult Guidance with/and Philosophy with Children

19.120.22 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics (Adult Guidance)  5  20
X3908 Dissertation; Final Project (Adult Guidance)  5  40

MEd, Postgraduate Diploma in Adult Guidance with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.23 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics (Adult Guidance)  5  20
X3908 Dissertation; Final Project (Adult Guidance)  5  40

MEd, Postgraduate Diploma in Adult Guidance with/and Supporting Teacher Learning

19.120.24 All students shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:
X3907 Dissertation; Research Methods and Ethics (Adult Guidance)  5  20
X3908 Dissertation; Final Project (Adult Guidance)  5  40

MEd, Postgraduate Diploma in Autism with/and Adult Guidance

19.120.25 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Adult Guidance and

X3907 Dissertation; Research Methods and Ethics (Autism)  5  20
MEd, Postgraduate Diploma in Autism with/and Early Years Pedagogy

19.120.26 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Early Years Pedagogy and

- X3909 Dissertation; Research Methods and Ethics (Autism) 5 20
- X3921 Dissertation; Final Project (Autism) 5 40

MEd, Postgraduate Diploma in Autism with/and Education Studies

19.120.27 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and not less than 60 credits from Education Studies

Students for the degree of MEd only:
- X3909 Dissertation; Research Methods and Ethics (Autism) 5 20
- X3921 Dissertation; Final Project (Autism) 5 40

MEd, Postgraduate Diploma in Autism with/and Inclusive Education

19.120.28 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Inclusive Education

Students for the degree of MEd only:
- X3909 Dissertation; Research Methods and Ethics (Autism) 5 20
- X3921 Dissertation; Final Project (Autism) 5 40

MEd, Postgraduate Diploma in Autism with/and Management and Leadership in Education

19.120.29 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Management and Leadership in Education

Students for the degree of MEd only:
- X3909 Dissertation; Research Methods and Ethics (Autism) 5 20
- X3921 Dissertation; Final Project (Autism) 5 40

MEd, Postgraduate Diploma in Autism with/and Philosophy with Children

19.120.30 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:
- X3909 Dissertation; Research Methods and Ethics 5 20
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3921</td>
<td>Dissertation; Final Project (Autism)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Autism with/and Supporting Bilingual Learners in the Mainstream Classroom**

19.120.31 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3909</td>
<td>Dissertation; Research Methods and Ethics (Autism)</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3921</td>
<td>Dissertation; Final Project (Autism)</td>
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<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Autism with/and Supporting Teacher Learning**

19.120.32 All students shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3909</td>
<td>Dissertation; Research Methods and Ethics (Autism)</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X3921</td>
<td>Dissertation; Final Project (Autism)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd Early Years Pedagogy with Adult Guidance**

19.120.33 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and for Postgraduate Certificate in Early Years Pedagogue and

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3910</td>
<td>Dissertation; Research Methods and Ethics (Early Years Pedagogue)</td>
<td>5</td>
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</tr>
<tr>
<td>X3920</td>
<td>Dissertation; Final Project (Early Years Pedagogue)</td>
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</table>

**MEd Early Years Pedagogy with Autism**

19.120.34 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Early Years Pedagogue and

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3910</td>
<td>Dissertation; Research Methods and Ethics (Early Years Pedagogue)</td>
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<td>20</td>
</tr>
<tr>
<td>X3920</td>
<td>Dissertation; Final Project (Early Years Pedagogue)</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Education Studies**
All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and not less than 60 credits from Education Studies.

Students for the degree of MEd only:

X3910  Dissertation; Research Methods and Ethics 5 20 (Early Years Pedagogy)
X3920  Dissertation; Final Project 5 40 (Early Years Pedagogy)

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Inclusive Education**

All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Inclusive Education.

Students for the degree of MEd only:

X3910  Dissertation; Research Methods and Ethics 5 20 (Early Years Pedagogy)
X3920  Dissertation; Final Project 5 40 (Early Years Pedagogy)

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Management and Leadership in Education**

All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Management and Leadership in Education.

Students for the degree of MEd only:

X3910  Dissertation; Research Methods and Ethics 5 20 (Early Years Pedagogy)
X3920  Dissertation; Final Project 5 40 (Early Years Pedagogy)

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Philosophy with Children**

All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Philosophy with Children.

Students for the degree of MEd only:

X3910  Dissertation; Research Methods and Ethics 5 20 (Early Years Pedagogy)
X3920  Dissertation; Final Project 5 40 (Early Years Pedagogy)

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Supporting Bilingual Learners in the Mainstream Classroom**
All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Students for the degree of MEd only:
X3910  Dissertation; Research Methods and Ethics  5  20  
(Early Years Pedagogy)
X3920  Dissertation; Final Project  5  40  
(Early Years Pedagogy)

**MEd, Postgraduate Diploma in Early Years Pedagogy with/and Supporting Teacher Learning**

All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:
X3910  Dissertation; Research Methods and Ethics  5  20  
(Early Years Pedagogy)
X3920  Dissertation; Final Project  5  40  
(Early Years Pedagogy)

**MEd Education Studies with Adult Guidance**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Adult Guidance and no less than 60 credits from Education Studies and

X3905  Dissertation; Research Methods and Ethics  5  20  
(Education Studies)
X3923  Dissertation; Final Project  5  40  
(Education Studies)

**MEd Education Studies with Autism**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Autism and no less than 60 credits from Education Studies and

Students for the degree of MEd only:
X3905  Dissertation; Research Methods and Ethics  5  20  
(Education Studies)
X3923  Dissertation; Final Project  5  40  
(Education Studies)

**MEd Education Studies with Early Years Pedagogy**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and no less than 60 credits from Education Studies and
Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3905</td>
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<tr>
<td></td>
<td>(Education Studies)</td>
<td>20</td>
</tr>
<tr>
<td>X3923</td>
<td>Dissertation; Final Project</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Education Studies with/and Inclusive Education**

19.120.44 All students shall undertake the no less than 60 credits from Education Studies and the approved curriculum for Postgraduate Certificate in Inclusive Education

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3905</td>
<td>Dissertation; Research Methods and Ethics</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>20</td>
</tr>
<tr>
<td>X3923</td>
<td>Dissertation; Final Project</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Education Studies with/and Management and Leadership in Education**

19.120.45 All students shall undertake no less than 60 credits from Education Studies and the approved curriculum for Postgraduate Certificate in Management and Leadership in Education

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3905</td>
<td>Dissertation; Research Methods and Ethics</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>20</td>
</tr>
<tr>
<td>X3923</td>
<td>Dissertation; Final Project</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Education Studies with/and Philosophy with Children**

19.120.46 All students shall undertake no less than 60 credits from Education Studies and for the approved curriculum for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3905</td>
<td>Dissertation; Research Methods and Ethics</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>20</td>
</tr>
<tr>
<td>X3923</td>
<td>Dissertation; Final Project</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>(Education Studies)</td>
<td>40</td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Education Studies with/and Supporting Bilingual Learners in the Mainstream Classroom**

19.120.47 All students shall undertake no less than 60 credits from Education Studies and the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom
Students for the degree of MEd only:
X3905  Dissertation; Research Methods and Ethics 5  20
       (Education Studies)
X3923  Dissertation; Final Project 5  40
       (Education Studies)

MEd, Postgraduate Diploma in Education Studies with/and Supporting Teacher Learning

19.120.48 All students shall undertake no less than 60 credits from Education Studies and the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:
X3905  Dissertation; Research Methods and Ethics 5  20
       (Education Studies)
X3923  Dissertation; Final Project 5  40
       (Education Studies)

MEd Inclusive Education with Adult Guidance

19.120.49 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and for Postgraduate Certificate in Adult Guidance and

X3911  Dissertation; Research Methods and Ethics 5  20
       (Inclusive Education)
X3919  Dissertation; Final Project 5  40
       (Inclusive Education)

MEd Inclusive Education with Autism

19.120.50 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Autism and for Postgraduate Certificate in Inclusive Education and

X3911  Dissertation; Research Methods and Ethics 5  20
       (Inclusive Education)
X3919  Dissertation; Final Project 5  40
       (Inclusive Education)

MEd Inclusive Education with Early Years Pedagogue

19.120.51 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and for Postgraduate Certificate in Inclusive Education and

X3911  Dissertation; Research Methods and Ethics 5  20
       (Inclusive Education)
X3919  Dissertation; Final Project 5  40
       (Inclusive Education)
MEd, Postgraduate Diploma in Inclusive Education with Education Studies

19.120.52 All students shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and no less than 60 credits from Education Studies and

X3911 Dissertation; Research Methods and Ethics 5  20
(Inclusive Education)
X3919 Dissertation; Final Project 5  40
(Inclusive Education)

MEd, Postgraduate Diploma in Inclusive Education with/and Management and Leadership in Education

19.120.53 All students shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and for Postgraduate Certificate in Management and Leadership in Education

Students for the degree of MEd only:
X3911 Dissertation; Research Methods and Ethics 5  20
(Inclusive Education)
X3919 Dissertation; Final Project 5  40
(Inclusive Education)

MEd, Postgraduate Diploma in Inclusive Education with/and Philosophy with Children

19.120.54 All students shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:
X3911 Dissertation; Research Methods and Ethics 5  20
(Inclusive Education)
X3919 Dissertation; Final Project 5  40
(Inclusive Education)

MEd, Postgraduate Diploma in Inclusive Education with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.55 All students shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Students for the degree of MEd only:
X3911 Dissertation; Research Methods and Ethics 5  20
(Inclusive Education)
X3919 Dissertation; Final Project 5  40
(Inclusive Education)

MEd, Postgraduate Diploma in Inclusive Education with/and Supporting Teacher Learning
All students shall undertake the approved curriculum for Postgraduate Certificate in Inclusive Education and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:
X3911 Dissertation; Research Methods and Ethics 5 20 (Inclusive Education)
X3919 Dissertation; Final Project 5 40 (Inclusive Education)

**MEd Management and Leadership in Education with Adult Guidance**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Adult Guidance and

X3912 Dissertation; Research Methods and Ethics 5 20 (Management and Leadership in Education)
X3925 Dissertation; Final Project 5 40 (Management and Leadership in Education)

**MEd Management and Leadership in Education with Autism**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education for Postgraduate Certificate in Autism and

X3912 Dissertation; Research Methods and Ethics 5 20 (Management and Leadership in Education)
X3925 Dissertation; Final Project 5 40 (Management and Leadership in Education)

**MEd Management and Leadership in Education with Early Years Pedagogue**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in for Early Years Pedagogue and

X3912 Dissertation; Research Methods and Ethics 5 20 (Management and Leadership in Education)
X3925 Dissertation; Final Project 5 40 (Management and Leadership in Education)

**MEd Management and Leadership in Education with Education Studies**

Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and no less than 60 credits from Education Studies and

X3912 Dissertation; Research Methods and Ethics 5 20 (Management and Leadership in Education)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3925</td>
<td>Dissertation; Final Project</td>
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<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
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</table>

**MEd Management and Leadership in Education with Inclusive Education**

19.120.61  Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Inclusive Education and

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3912</td>
<td>Dissertation; Research Methods and Ethics</td>
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<td>(Management and Leadership in Education)</td>
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<td>X3925</td>
<td>Dissertation; Final Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
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</tbody>
</table>

**MEd, Postgraduate Diploma in Management and Leadership in Education with/and Philosophy with Children**

19.120.62  All students shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Philosophy with Children

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>X3912</td>
<td>Dissertation; Research Methods and Ethics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
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<tr>
<td>X3925</td>
<td>Dissertation; Final Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MEd, Postgraduate Diploma in Management and Leadership in Education with/and Supporting Bilingual Learners in the Mainstream Classroom**

19.120.63  All students shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>X3912</td>
<td>Dissertation; Research Methods and Ethics</td>
<td>5</td>
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<td></td>
<td>(Management and Leadership in Education)</td>
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<tr>
<td>X3925</td>
<td>Dissertation; Final Project</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
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</tbody>
</table>

**MEd, Postgraduate Diploma in Management and Leadership in Education with/and Supporting Teacher Learning**

19.120.64  All students shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Supporting Teacher Learning

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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</tr>
<tr>
<td>X3925</td>
<td>Dissertation; Final Project</td>
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<td>40</td>
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<tr>
<td></td>
<td>(Management and Leadership in Education)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MEd Philosophy with Children with Adult Guidance

19.120.65 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in Adult Guidance and

X3912 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3925 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd Philosophy with Children with Autism

19.120.66 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in Autism and

X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd Philosophy with Children with Early Years Pedagogue

19.120.67 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in for Early Years Pedagoge and

X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd Philosophy with Children with Education Studies

19.120.68 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and no less than 60 credits from Education Studies and

X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd Philosophy with Children with Inclusive Education

19.120.69 Students for the degree of MEd shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in for Inclusive Education and
MEd Philosophy with Children with Management and Leadership in Education

19.120.70 All students shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in Management and Leadership in Education and

X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd, Postgraduate Diploma in Philosophy with Children with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.71 All students shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

Students for the degree of MEd only:
X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd, Postgraduate Diploma in Philosophy with Children with/and Supporting Teacher Learning

19.120.72 All students shall undertake the approved curriculum for Postgraduate Certificate in Philosophy with Children and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:
X3914 Dissertation; Research Methods and Ethics 5 20 (Philosophy with Children)
X3924 Dissertation; Final Project 5 40 (Philosophy with Children)

MEd Professional Practice with Adult Guidance

19.120.73 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Adult Guidance and

X3906 Dissertation; Research Methods and Ethics 5 20 (Professional Practice)
X3922 Dissertation; Final Project 5 40 (Professional Practice)
MEd Professional Practice with Autism

19.120.74 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Autism and

X3906 Dissertation; Research Methods and Ethics (Professional Practice) 5 20
X3922 Dissertation; Final Project (Professional Practice) 5 40

MEd Professional Practice with Early Years Pedagogue

19.120.75 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and

X3906 Dissertation; Research Methods and Ethics (Professional Practice) 5 20
X3922 Dissertation; Final Project (Professional Practice) 5 40

MEd Professional Practice with Inclusive Education

19.120.76 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Inclusive Education and

X3906 Dissertation; Research Methods and Ethics (Professional Practice) 5 20
X3922 Dissertation; Final Project (Professional Practice) 5 40

MEd Professional Practice with Management and Leadership in Education

19.120.77 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and

X3906 Dissertation; Research Methods and Ethics (Professional Practice) 5 20
X3922 Dissertation; Final Project (Professional Practice) 5 40

MEd Professional Practice with Philosophy with Children

19.120.78 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Philosophy with Children and

X3906 Dissertation; Research Methods and Ethics 5 20
X3922 Dissertation; Final Project 5 40

**MEd Professional Practice with Supporting Bilingual Learners in the Mainstream Classroom**

19.120.79 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and

X3906 Dissertation; Research Methods and Ethics 5 20

X3922 Dissertation; Final Project 5 40

**MEd Professional Practice with Supporting Teacher Learning**

19.120.80 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and

X3906 Dissertation; Research Methods and Ethics 5 20

X3922 Dissertation; Final Project 5 40

**MEd Supporting Bilingual Learners in the Mainstream Classroom with Adult Guidance**

19.120.81 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Adult Guidance and

X3915 Dissertation; Research Methods and Ethics 5 20

X3918 Dissertation; Final Project 5 40

**MEd Supporting Bilingual Learners in the Mainstream Classroom with Autism**

19.120.82 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Autism and

X3915 Dissertation; Research Methods and Ethics 5 20

X3918 Dissertation; Final Project 5 40
MEd Supporting Bilingual Learners in the Mainstream Classroom with Early Years Pedagogy

19.120.83  Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Early Years Pedagogy and

X3915  Dissertation; Research Methods and Ethics  5  20  (Supporting Bilingual Learners)
X3918  Dissertation; Final Project  5  40  (Supporting Bilingual Learners)

MEd Supporting Bilingual Learners in the Mainstream Classroom with Education Studies

19.120.84  Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Education Studies and

X3915  Dissertation; Research Methods and Ethics  5  20  (Supporting Bilingual Learners)
X3918  Dissertation; Final Project  5  40  (Supporting Bilingual Learners)

MEd Supporting Bilingual Learners in the Mainstream Classroom with Inclusive Education

19.120.85  Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Inclusive Education and

X3915  Dissertation; Research Methods and Ethics  5  20  (Supporting Bilingual Learners)
X3918  Dissertation; Final Project  5  40  (Supporting Bilingual Learners)

MEd Supporting Bilingual Learners in the Mainstream Classroom with Management and Leadership in Education

19.120.86  Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and

X3915  Dissertation; Research Methods and Ethics  5  20  (Supporting Bilingual Learners)
X3918  Dissertation; Final Project  5  40  (Supporting Bilingual Learners)
MEd Supporting Bilingual Learners in the Mainstream Classroom with Philosophy with Children

19.120.87 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Philosophy with Children and

X3915 Dissertation; Research Methods and Ethics 5 20 (Supporting Bilingual Learners)
X3918 Dissertation; Final Project 5 40 (Supporting Bilingual Learners)

MEd, Postgraduate Diploma in Supporting Bilingual Learners in the Mainstream Classroom with/and Supporting Teacher Learning

19.120.88 Students shall take the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and

Students for the degree of MEd only:
X3915 Dissertation; Research Methods and Ethics 5 20 (Supporting Bilingual Learners)
X3918 Dissertation; Final Project 5 40 (Supporting Bilingual Learners)

MEd Supporting Teacher Learning with Adult Guidance

19.120.89 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Adult Guidance and

X3916 Dissertation; Research Methods and Ethics 5 20 (Supporting Teacher Learning)
X3917 Dissertation; Final Project 5 40 (Supporting Teacher Learning)

MEd Supporting Teacher Learning with Autism

19.120.90 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Autism and

X3916 Dissertation; Research Methods and Ethics 5 20 (Supporting Teacher Learning)
X3917 Dissertation; Final Project 5 40 (Supporting Teacher Learning)

MEd Supporting Teacher Learning with Early Years Pedagogue
Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and X3916 Dissertation; Research Methods and Ethics (Supporting Teacher Learning) 5 20
X3917 Dissertation; Final Project (Supporting Teacher Learning) 5 40

**MEd Supporting Teacher Learning with Education Studies**

Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Education Studies and

X3916 Dissertation; Research Methods and Ethics (Supporting Teacher Learning) 5 20
X3917 Dissertation; Final Project (Supporting Teacher Learning) 5 40

**MEd Supporting Teacher Learning with Inclusive Education**

Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Inclusive Education and

X3916 Dissertation; Research Methods and Ethics (Supporting Teacher Learning) 5 20
X3917 Dissertation; Final Project (Supporting Teacher Learning) 5 40

**MEd Supporting Teacher Learning with Management and Leadership in Education**

Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and

X3916 Dissertation; Research Methods and Ethics (Supporting Teacher Learning) 5 20
X3917 Dissertation; Final Project (Supporting Teacher Learning) 5 40

**MEd Supporting Teacher Learning with Philosophy with Children**

Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Philosophy with Children and

X3916 Dissertation; Research Methods and Ethics (Supporting Teacher Learning) 5 20
MEd Supporting Teacher Learning with Supporting Bilingual Learners in the Mainstream Classroom

19.120.96 Students for the degree of MEd shall take the approved curriculum for Postgraduate Certificate in Supporting Teacher Learning and the approved curriculum for Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom and

X3916 Dissertation; Research Methods and Ethics 5  20
(Supporting Teacher Learning)

X3917 Dissertation; Final Project 5  40
(Supporting Teacher Learning)

Examination, Progress and Final Assessment

19.120.97 Regulations 19.1.25 – 19.1.33 shall apply.
19.120.98 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 MEd is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.
19.120.99 The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.120.100 **Degree of MEd in named pathway:** In order to qualify for the award of the degree of MEd 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 research projects in their chosen named pathway.

19.120.101 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma a student must normally have accumulated no fewer than 120 credits from the taught classes of the course.

19.120.102 **Postgraduate Certificate:** 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 of the course.

Transfer

19.120.103 A candidate who fails to meet the progress or award requirements for the Postgraduate Diploma in School Leadership and Management (Scottish Qualification for Headship) may be transferred to the Postgraduate Certificate in Management and Leadership in Education

19.120.104 to 19.120.199(numbers not used)
MSc in Counselling Psychology  
Postgraduate Diploma in Counselling Psychology  
Postgraduate Certificate in Counselling Psychology

[The General Regulations for Taught Master’s Degrees (Regulation 19.1) of the University of Strathclyde shall not apply except with the agreement of the Glasgow Caledonian University.]

These courses are offered jointly by the University of Strathclyde and the Glasgow Caledonian University and the awards are 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

19.121

MSc and Postgraduate Diploma in Applied Educational & Social Research and the Postgraduate Certificate in Applied Research Design  
Course Regulations  
[These regulations are to be read in conjunction with Regulation 19.1]

Admission

19.121.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. 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**

19.121.2 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.121.3 As permitted by Regulation 19.1.8, (i) the MSc and Postgraduate Diploma in Applied Educational & Social Research includes some off-campus work.

**Mode of Study**

19.121.4 The course in Applied Educational & Social Research is delivered in mixed-mode with some full-time and part-time study.

**Curriculum**

19.121.5 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 805 Educational Research and Enquiry</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X7 806 Design Strategies in Educational Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X7 807 Data Collection in Educational Research</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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**

19.121.6 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.

19.121.7 Candidates will be permitted a maximum of 2 attempts at each assessment.

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

**Award**

19.121.9 **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 or
the research projects.

19.121.10 **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.

19.121.11 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Applied Research Design a student must have accumulated no fewer than 60 credits from the taught classes of the course.

**MSc, Postgraduate Diploma and Postgraduate Certificate in Chartered Teacher Studies**

**Course Regulations**

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

**Admission**

19.121.12 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, successful applicants must normally be fully registered with the General Teaching Council for Scotland and must be at the top of the scale for main grade teachers. In addition, applicants must normally have maintained a Continuing Professional Development portfolio. Notwithstanding Regulation 19.1.3, as this course is delivered to a nationally approved curriculum framework, it may be possible for students to gain APL of up to 67% on admission to the Master's degree.

Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.121.17).

19.121.13 **Duration of Study**

Notwithstanding the provision of Regulation 19.1.6, the maximum duration of study shall be

(ii) for the degree of MSc in Chartered Teacher Studies by part-time study or distance learning - 108 months elapsed time,

for the Postgraduate Diploma in Chartered Teacher Studies by part-time study or distance learning - 72 months elapsed time,

for the Postgraduate Certificate in Chartered Teacher Studies by part-time study or distance learning - 36 months elapsed time

**Place of Study**

19.121.14 As permitted by Regulation 19.1.8,

(ii) some classes for the MSc, Postgraduate Diploma and Postgraduate Certificate in Chartered Teacher Studies may be delivered at campuses of the UHI Millennium Institute and by partner organisations other than this University.

**Mode of Study**

19.121.15 Chartered Teacher Studies may be undertaken by distance learning. Courses are available on a part-time basis only.
Curriculum
19.121.16
All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 938</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Development: Review, Reflection and Planning (CT)</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 45 credits chosen from:

B1 904  Responsibility and Learning in the Outdoors  5  15
HS 922  Independent Study Module  5  15
HS 923  Raising Attainment in History  5  15
HS 933  E-Learning  5  15
HS 934  Learning to Think, Thinking to Learn: Implications for Learning, Teaching and Curriculum  5  15
HS 989  Buzan's 'Headstrong': a Buzan approach to Creative Thinking and Family Learning: Implications for Learning and Teaching and Parental Involvement  5  15
HS 990  Developing the Emotionally Literate Classroom  5  15
HS 991  Early Years: Translating Policy into Practice  5  15
HS 992  The Learning School  5  15
HS 993  Motivation, Communication and Self-Development/Awareness: Implications for Influencing Learning, Teaching and Self-Development/Awareness  5  15
HS 994  Inclusive Education: Access for all  5  15
HS 995  Teaching Giftedness: Developing Cognitive Abilities - The Vygotskian Approach to Early Years Education  5  15
PC 901  Education for Citizenship (CT)  5  15
X9 703  Health and Wellbeing for Today’s Young People  5  30
X9 704  Sustainable Development and Global Citizenship Education  5  30
X9 705  Working Together with Multi-Disciplinary Professionals  5  30
X9 706  Bilingualism in Scottish Education – Theory And Practice  5  30
X9 941  Learning and Teaching with ICT (CT)  5  15
X9 986  Closing the Literary Gap (Infant Stages) (CT)  5  30

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

Compulsory Classes
HS 927  Education for All  5  15
HS 928  Working Together  5  15
HS 931  Learning and Teaching  5  15

Optional Classes
No fewer than 15 credits chosen from the list of optional classes above.
Students for the degree of MSc only:

Either
HS 924 Professional Enquiry and Development 1 5 30
and
HS 832 Professional Enquiry and Development 2 5 30
or
HS 860 Professional Enquiry and Development 3 5 60

Examination, Progress and Final Assessment

19.121.17 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.

19.121.18 Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

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

Award

19.121.20 Degree of MSc in Chartered Teacher Studies: In order to qualify for the award of the degree of MSc in Chartered Teacher Studies a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 12060 must have been awarded in respect of either the dissertation or the research projects.

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

19.121.22 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.

MSc, Postgraduate Diploma and Postgraduate Certificate in Genealogical, Palaeographic and Heraldic Studies

Course Regulations

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

Admission

19.121.23 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.
Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.121.28).

19.121.24 Duration of Study
Regulations 19.1.5 and 19.1.6 shall apply

19.121.25 Place of Study
As permitted by Regulation 19.1.8
**Mode of Study**
The courses are available by part-time study only.

**Curriculum**
All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 927 Professional Practice and Methodologies</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LL 929 Archive &amp; Libraries, History and Geography</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LL 912 Censuses, Civil Registration and Church Records</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LL 915 Family History Studies and Overseas Records</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LL 928 Property and Law, Wills, Land and Inheritance</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>LL 926 Latin, Palaeography and Heraldry</td>
<td>1</td>
<td>5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 914 Methods of Professional Enquiry and Project</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>LL 925 Genealogy, Family and Social History</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>LL 913 Documents, Palaeography and Heraldry</td>
<td>2</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

| Professional Enquiry and Development leading to a Dissertation | 5 | 60 |

**Examination, Progress and Final Assessment**
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.

Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

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

**Award**

**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 performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 120 credits must have been awarded in respect of either the dissertation or the research projects.

**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.
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.

MSc, Postgraduate Diploma and Postgraduate Certificate in Safety and Risk Management
Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]

Admission
19.121.34 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.
In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.121.39).

Duration of Study
19.121.35 Regulations 19.1.5 and 19.1.6 shall apply

Place of Study
19.121.36 As permitted by Regulation 19.1.8

Mode of Study
19.121.37 The course is available by part-time study only

Curriculum
19.121.38 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 901 Benchmarking Safety and Risk Management Activities</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>LL 902 Assessing Hazards, Risks and Dangers</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>LL 903 Optimising Safety and Risk Management Activities</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

Students for the degree of Master and the Postgraduate Diploma in addition will undertake:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 908 Corporate Risk Management</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>LL 909 Psychology of Workplace Activities</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>LL 910 Ergonomic Factors in Work Activities</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 15 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 911 Global Risk Management</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 901 Methods of Professional Enquiry</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL 916 Research Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.121.39 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.

19.121.40 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

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

Award

19.121.42 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 performed to the satisfaction of the Board of Examiners and must 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 research projects in their chosen named pathway.

19.121.43 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.

19.121.44 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 taught classes of the course.

Postgraduate Diplomas and Associated Postgraduate Certificates

Advanced Academic Studies (Part-time)

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

Admission

19.121.45 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. Applicants will normally be registered initially for the lowest level of qualification offered in the course (see Regulation 19.121.111). Notwithstanding the provisions of Regulations 19.1.1 and 19.1.3, applicants for the Postgraduate Certificate in Advanced Academic Studies (Researcher Development) must 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

19.121.46 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

19.121.47 Regulation 19.1.8 shall apply.
Mode of Study

19.121.48 The Postgraduate Diploma and Certificate in Advanced Academic Studies is available by part-time study only.

Curriculum

19.121.49 All students shall undertake an approved curriculum as follows:

Depending on the curriculum undertaken, students may select one of the following specialisations:

Advanced Academic Studies (Academic Practice)
Advanced Academic Studies (Researcher Development)

Advanced Academic Studies (Academic Practice)
Compulsory Class
X9 894 Teaching, Learning and Assessment within the Disciplines 5 20

Advanced Academic Studies (Researcher Development)
Compulsory Class
X9 801 Building a Successful Research Career 5 20

Optional Classes (both specialisms)
No fewer than 40 credits chosen from:
X7 782 Independent Enquiry 2A 5 20
X9 735 Teaching and Learning Online 5 20
X9 736 Research Management and Leadership 5 20
X9 737 Research Bidding and Design 5 20
X9 740 Ethical Research 5 20
X9 741 Public Engagement for Researchers 5 20
X9 801 Building a Successful Research Career 5 20
X7 802 Independent Enquiry 1A 5 10
X9 894 Teaching, Learning and Assessment within the Disciplines 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 Management and Leadership in Higher Education 5 20
PR 825 Independent Enquiry 1 5 10
PR 826 Independent Enquiry 2 5 20
X9 635 Knowledge Exchange and Innovation Training 5 20

Students for the Postgraduate Diploma in addition will undertake:

Postgraduate Diploma in Advanced Academic Studies (Academic Practice)
No fewer than 20 credits chosen from:
X7 782 Independent Enquiry 2 5 20
X9 735 Teaching and Learning Online 5 20
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>X9 895</td>
<td>Course (Re)Design</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 896</td>
<td>Academic Writing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 897</td>
<td>Developing an Inclusive Curriculum</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 898</td>
<td>Supervising Postgraduate Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 889</td>
<td>Management and Leadership in Higher Education</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Plus no fewer than 40 credits chosen from the Optional Classes listed above

*Postgraduate Diploma in Advanced Academic Studies (Researcher Development)*

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 782</td>
<td>Independent Enquiry 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 736</td>
<td>Research Management and Leadership</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 737</td>
<td>Research Bidding and Design</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 740</td>
<td>Ethical Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>X9 741</td>
<td>Public Engagement for Researchers</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Plus no fewer than 40 credits chosen from the Optional Classes listed above

**Examination, Progress and Final Assessment**

19.121.50 Regulations 19.1.25 – 19.1.33 shall apply.
Progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners.

**Award**

19.121.51 **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.

19.121.52 **Postgraduate Diploma in a named pathway**: In order to qualify for the award of the Postgraduate Diploma in Advanced Academic Studies in a named pathway a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated 120 credits in their chosen named pathway.

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

19.121.54 **Postgraduate Certificate in a named pathway**: In order to qualify for the award of the Postgraduate Certificate in Advanced Academic Studies in a named pathway a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated 60 credits in their chosen named pathway.
Master of Education
Postgraduate Diploma in Education
Postgraduate Certificate in Education

[Note: This is not a Teaching award]

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

Admission
19.122.1 Notwithstanding Regulation 19.1.1, applicants shall normally possess
(i) a first degree from a university in the United Kingdom; or
(ii) a qualification deemed by the Course Director (or nominee) acting on
behalf of Senate to be equivalent to (i) above.
In addition, applicants shall also possess
(iii) a teaching qualification; or
(iv) other relevant professional qualification.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.122.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.122.3 The course is available by full-time and part-time study.

Curriculum
19.122.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MEd – no fewer than 180 credits including a
dissertation

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 931</td>
<td>Policy and Leadership</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>X7 932</td>
<td>Frameworks for Understanding Learning</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

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

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 826</td>
<td>The Research Proposal</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>X7 827</td>
<td>Research Methods in Professional Education</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

Students for the degree of MEd only:
Examination, Progress and Final Assessment

19.122.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.122.6 The final assessment will be based on performance in the coursework, the Dissertation and, where appropriate, an oral examination.

Award

19.122.7 **Degree of MEd:** In order to qualify for the award of the degree of Master of Education, 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.

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

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

MSc and Postgraduate Diploma in Counselling

Course Regulations

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

Admission

19.122.40 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants will normally be registered initially for the lowest Postgraduate Diploma. Progress to the next level of study is normally dependent on performance (see Regulation 19.125.6).

Duration of Study

19.122.41 Regulations 19.1.5 and 19.1.6 shall apply

Place of Study

19.122.42 As permitted by Regulation 19.1.8

Mode of Study

19.122.43 The course in Counselling, may be undertaken by full-time or part-time study and by distance learning.
Curriculum

All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B9 947 The Therapeutic Relationship</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>B9 948 Therapeutic Process</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>B9 949 Personality Theory</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>B9 950 Counselling Case Analysis</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>B9 951 Counselling Practicum</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>B9 952 Personal and Professional Development</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>HS 890 Professional Enquiry and Development in Counselling leading to a dissertation</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
</table>

Examination, Progress and Final Assessment

19.122.45 Regulations 19.1.25 – 19.1.33 shall apply. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.

19.122.46 Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

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

Award

19.122.48 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 120 credits must have been awarded in respect of either the dissertation or the research projects.

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

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

MSc, Postgraduate Diploma and Postgraduate Certificate in Person-Centred Counselling

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

Admission

19.122.51 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

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In addition, successful applicants must have a period of post-qualifying professional experience deemed appropriate by the Course Director and a satisfactory performance at interview. Applicants will normally be registered initially for the lowest level of qualification offered in the course. Progress to the next level of study is normally dependent on performance (see Regulation 19.125.17).

19.122.52 **Duration of Study**  
Regulations 19.1.5 and 19.1.6 shall apply

19.122.53 **Place of Study**  
As permitted by Regulation 19.1.8, the MSc, Postgraduate Diploma and Postgraduate Certificate in Person-Centred Counselling are delivered at the Institute of Psychological and Counselling Studies (IPCS) in Greece.

19.122.54 **Mode of Study**  
The course is available by part-time study only

19.122.55 **Curriculum**  
All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B9 964</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Theoretical Foundations in the Person Centred Approach in Counselling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B9 965</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Practice and Self Development: Becoming a Person Centred Counsellor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B9 966</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Theoretical Issues in Person Centred Counselling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B9 967</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>Professional Development in Person Centred Counselling</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students for the degree of MSc only

<table>
<thead>
<tr>
<th></th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS 806</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>Research Enquiry and Development in Counselling</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

19.122.56 **Examination, Progress and Final Assessment**

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.

Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

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

**Degree of MSc in Person-Centred Counselling:** In order to qualify for the award of the degree of MSc in Person-Centred 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 120 must have been awarded in respect of either the dissertation or the research projects.

**Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma Person-Centred Counselling 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 Person-Centred Counselling a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

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**MSc, Postgraduate Diploma and Postgraduate Certificate in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People**

**Course Regulations**

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

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**Admission**

19.122.62 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).

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**Duration of Study**

19.122.63 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

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**Place of Study**

19.122.64 As permitted by Regulation 19.1.8,
the MSc and Postgraduate Diploma and Postgraduate Certificate in Therapeutic Skills with Children and Young People are delivered at the Scottish Institute for Human Relations

19.122.65 **Mode of Study**
The course is available by part-time study only

**Curriculum**

19.122.66 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No fewer than 60 credits chose from:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 951 Infant Observation 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HS 952 Infant Observation 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HS 953 Young Child Observation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HS 954 Work Discussion and Institutional Processes</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td><em>either</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 956 Personality Development</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td><em>or</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 957 A History of PsychoanalyticThinking</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HS 958 Child Development Research</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Students for the degree of Master and the Postgraduate Diploma in addition will undertake

Optional Classes
No fewer than 60 credits chosen from the list above.

Students wishing to progress to the degree of MSc must include, in addition, the following class as part of their Postgraduate Diploma curriculum:

Students for the degree of MSc only
HS 902 Professional Enquiry and Development 5 60

**Examination, Progress and Final Assessment**

19.122.67 Regulations 19.1.25 – 19.1.33 shall apply.
Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.

19.122.68 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

19.122.69 The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken and, if required, in an oral examination.
**Award**

**19.122.70** 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 12060 must have been awarded in respect of either the dissertation or the research projects.

**19.122.71** 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.

**19.122.72** 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.

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**Postgraduate Certificate in Counselling Skills**

**Course Regulations**

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

**Admission**

**19.122.73** Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will normally be required to have at least two years of professional experience as deemed appropriate by the Course Director.

**Duration of Study**

**19.122.74** Regulations 19.1.5 and 19.1.6 shall apply.

**19.122.75** Place of Study

As permitted by Regulation 19.1.8.

**19.122.76** Mode of Study

The courses are available by part-time study only.

**Curriculum**

**19.122.77** All students shall undertake a curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 966 Personal and Professional Development and Theory</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>B9 990 Counselling Skills Practice and Theory</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

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

**Award**

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

**Postgraduate Certificate in Motor Speech Disorders**

**Course Regulations**

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

**Admission**

19.122.80 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. In addition, all successful applicants for the Postgraduate Certificate in Motor Speech Disorders will in addition normally be required to possess a qualification that permits them to practice as a Speech and Language Therapist in their home country. Applicants must have clearly agreed and defined access to experiences, which in the opinion of the Course Director, provide the required practice-based learning. Normally, all successful applicants for courses other the Postgraduate Certificate in Motor Speech Disorders will be required to have had at least two years of appropriate, post-qualifying professional experience.

**Duration of Study**

19.122.81 Regulations 19.1.5 and 19.1.6 shall apply.

**Place of Study**

19.122.82 Regulation 19.1.8 shall apply.

**Mode of Study**

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

**Curriculum**

19.122.84 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR xxx Assessment Treatments of Motor Speech Disorders</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>PR xxx Evidence-based Practice in Motor Speech Disorders</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

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

**Award**

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

**19.122.87 MSc in Counselling Psychology, Postgraduate Diploma, Postgraduate Certificate**

[The General Regulations for Taught Master's Degrees (Regulation 19.1) of the University of Strathclyde shall not apply except with the agreement of the Glasgow Caledonian University.]

These courses are offered jointly by the University of Strathclyde and the Glasgow Caledonian University and the awards are 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.

**19.122.88 to 19.122.100 (not used)**

**MSc in Family Therapy and Systemic Practice and the Postgraduate Diploma and Postgraduate Certificate in Systemic Practice**

**Course Regulations**

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

**Admission**

**19.122.101** Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. MSc, Postgraduate Diploma and Postgraduate Certificate in Studies in Family Therapy and Systemic Practice must hold a professional qualification in nursing, psychology, counselling medicine, social work or occupational therapy deemed
appropriate by the Course Director. In addition, applicants are normally required to maintain professional contact with families throughout the period of study. Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.126.39).

19.122.102 **Duration of Study**
Regulations 19.1.5 and 19.1.6 shall apply

19.122.103 **Place of Study**
As permitted by Regulation 19.1.8, the MSc, Postgraduate Diploma and Postgraduate Certificate in Studies in Family Therapy and Systemic Practice are delivered at the Scottish Institute for Human Relations.

19.122.104 **Mode of Study**
The course is available by part-time study only

**Curriculum**

19.122.105 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS 801 Diversity and Anti-discriminatory Practice</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 802 Early Developments in Systemic Theory and Practice</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 803 Clinical Team Placement</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>HS 804 Research and Reflexivity; Methods of Professional Enquiry</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 805 Systemic Psychotherapy in Context</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 948 Recent Developments in Systemic Theory and Practice</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>HS 950 Theory and Practice of Supervision</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

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**

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.

19.122.107 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.
The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken and, if required, in an oral examination.

**Award**

19.122.109 **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 12060 must have been awarded in respect of either the dissertation or the research projects.

19.122.110 **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.

19.122.111 **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.

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**MSc, Postgraduate Diploma and Postgraduate Certificate in Advanced Residential Child Care**

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

**Admission**

19.122.112 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.126.83).

19.122.113 **Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

19.122.114 **Place of Study**

As permitted by regulation 19.1.8

19.122.115 **Mode of Study**

The courses are available by part-time study only

**Curriculum**

19.122.116 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

305
L5 925 Perspectives on Residential Child Care  5  15
L5 926 Critical Enquiry in Residential Child Care  5  15
L5 928 Leading and Learning in Residential Child Care  5  30

Students for the degree of MSc and Postgraduate Diploma in addition will undertake:
L5 908 Methods of Professional Enquiry: Ethical and Effective Research  5  15
L5 926 Intervening Effectively in Residential Child Care  5  15
L5 960 Understanding and Assessing Children and Young People  5  30

Students for the degree of MSc only:
L5 930 Professional Enquiry and Development in Residential Child Care leading to a dissertation  5  60

Examination, Progress and Final Assessment
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.
19.122.118 Notwithstanding regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.
19.122.119 The final assessment will be based on performance in the examinations where undertaken, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award
19.122.120 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 12160 must have been awarded in respect of either the dissertation or the research projects.
19.122.121 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 121 credits from the taught classes of the course.
19.122.122 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.

MSc, Postgraduate Diploma and Postgraduate Certificate in Social Work Management
Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]

Admission
19.122.123 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience. Applicants will normally be registered initially for the lowest level of qualification offered in the specific course. Progress to the next level of study is normally dependent on performance (see Regulation 19.126.95).

19.122.124 **Duration of Study**
Regulations 19.1.5 and 19.1.6 shall apply.

19.122.125 **Place of Study**
As permitted by Regulation 19.1.8.

19.122.126 **Mode of Study**
The courses are available by part-time study only.

**Curriculum**

19.122.127 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5 932 Effective Learning for Social Work Management</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L5 907 Managing Service Delivery</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from:

| L5 909 Working with Others             | 5     | 20      |
| L5 911 Leading and Managing Change and Organisational Learning | 5     | 20   |
| L5 932 People Management in Social Work 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 Care | 5     | 20      |

Optional Classes

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

Students for the degree of MSc only:

| HS 902 Professional Enquiry and Development leading to a Dissertation | 5     | 60      |

**Examination, Progress and Final Assessment**

19.122.128 Regulations 19.1.25 – 19.1.33 shall apply. Where relevant, progress to the Postgraduate Diploma is dependent upon completion of the Postgraduate Certificate to the satisfaction of the Board of
Examiners and progress to the MSc is dependent upon completion of the Postgraduate Diploma to the satisfaction of the Board of Examiners.

19.122.129 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

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

**Award**

19.122.131 **Degree of MSc in Social Work Management:** In order to qualify for the award of the degree of MSc in Social Work 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 12160 must have been awarded in respect of either the dissertation or the research projects.

19.122.132 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma a student must have accumulated no fewer than 121 credits from the taught classes of the course.

19.122.133 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate a student must have accumulated no fewer than 60 credits from the taught classes of the course.

19.122.134 to 19.123 (not used)

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**MLitt in Literature, Culture and Place**

**Postgraduate Diploma in Literature, Culture and Place**

**Postgraduate Certificate in Literature, Culture and Place**

**Course Regulations**

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

**Admission**

19.123.61 Applicants should possess
(i) a BA Honours degree (or in the case of direct entry to a Master’s programme, a first or second class honours degree) in English Literature or Cultural Studies from a United Kingdom university, or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be the equivalent to (i) above.

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

19.123.62 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.123.64 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits, including 40 from the optional classes
for the Postgraduate Diploma – no fewer than 120 credits, including 100 from the optional classes
for the degree of MLitt, no fewer than 180 credits, including a dissertation

Compulsory Classes

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 939 Research Skills in Literature, Culture and Communication</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 958 British Places: Literature 1880-1950</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 934 Uncanny Places: the Victorian Occult</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 959 Contemporary Scottish Cultural Studies</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 934 Uncanny Places: the Victorian Occult</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 935 Discovery of Scotland</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 936 Visions of Suburbia</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 937 Post-Colonial Canadian Literature</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 946 Literary Linguistics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 956 Travellin’ Blues: Literature, Politics and Displacement</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by Department of English Studies or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only

<table>
<thead>
<tr>
<th>QQ 950 Dissertation</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>80</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.123.65 Regulations 19.1.25 – 19.1.33 shall apply.
19.123.66 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.123.67 The final assessment will be based on performance in the coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.123.68 Degree of MLitt: In order to qualify for the degree of MLitt in Literature, Culture and Place, candidates must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.
Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Literature, Culture and Place, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

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

(Numbers not used)
MSc in Health History  
Postgraduate Diploma in Health History  
Postgraduate Certificate in Health History

Admissions

19.126.1 Notwithstanding Regulation 19.1.1, applicants shall normally possess
   (i) a first or second class Honours degree in History or a related
discipline of a United Kingdom university; or
   (ii) a qualification deemed by the Head of School acting on
   behalf of Senate to be equivalent to (i) above.

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

Duration of study

19.126.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.126.4 All students shall undertake an approved curriculum as follows:
   for the Postgraduate Certificate – no fewer than 60 credits
   for the Postgraduate Diploma – no fewer than 120 credits
   for the degree of MSc – no fewer than 180 credits

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 903 Sources, Skills and Methods for Historians 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 964 Sources, Skills and Methods for Historians 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 80 credits chosen from:

| V1 910 Social Theory and Social History | 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 975 Pharmaceuticals, Ethics and Health 1800-1980 | 5     | 20      |
| V1 979 Food And Health In The West During The C20 | 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:

| 22 900 Dissertation | 5     | 60      |
Examination, progress and final assessment

19.126.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.126.6 Progress between semesters may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.126.7 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

Award

19.126.8 **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.

19.126.9 **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.

19.126.10 **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.

MSc in The North Atlantic World c900 – c1800
Postgraduate Diploma in The North Atlantic World c900 – c1800

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

Admissions

19.126.1 Notwithstanding Regulation 19.1.1, applicants shall normally possess
(i) a first or second class Honours degree in History or a related discipline of a United Kingdom university; or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

Duration of study

19.126.22 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

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

Curriculum

19.126.34 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 903</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 964</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 965</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
Optional Classes
No fewer than 60 credits chosen from:
V1 906  The Lordship of the Isles 5  20
V1 907  Conflict Resolution and Arbitration 5  20
V1 908  Plantation by Land and Sea, 1540-1700 5  20
V1 966  Scotland and Ulster in the Early Modern North Atlantic World 5  20

Either
L2 905  Quantitative Methods 1: Survey Methods 5  20
or
L2 908  Quantitative methods 2; Statistics and Analysis 5  20

Not more than one Level 5 class worth at least 20 credits offered by the Universities of Oslo and Ulster 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
19.126.35 Regulations 19.1.25 – 19.1.33 shall apply.
19.126.36 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the course handbook.
19.126.37 The final assessment will be based on performance in the examinations, coursework, the dissertation, where undertaken and, if required, in an oral examination.

Award
19.126.38
Degree of MSc: In order to qualify for the award of the degree of MSc in The North Atlantic World c900 – c1800, a candidate must have accumulated no fewer than 180 credits, of which 60 credits must have been awarded in respect of the dissertation.
19.126.39 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in MSc in The North Atlantic World c900 – c1800, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.126.40 (Number not used)

MSc in Historical Studies
Postgraduate Diploma in Historical Studies
Postgraduate Certificate in Historical Studies

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

Admissions
19.126.41 Notwithstanding Regulation 19.1.1, applicants shall normally possess
(i) a first or second class Honours degree in History or a related discipline of a United Kingdom university; or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

**Duration of study**

19.126.42 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.126.44 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 903 Sources, Skills and Methods for Historians 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 964 Sources, Skills and Methods for Historians 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

**Optional Classes**

No fewer than 80 credits chosen from:

<table>
<thead>
<tr>
<th></th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 902 Nationalism and Nation-states in the Arab Middle East: 1900-1945</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 906 The Lordship of the Isles</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 907 Conflict Resolution and Arbitration</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 908 Plantation by Land and Sea, 1540-1700</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 966 Scotland and Ulster in the Early Modern North Atlantic World</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 910 Social Theory and Social History</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 911 Diplomacy and Political Economy in Interwar Europe</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 912 Britain, France and the USA, 1945-1958: Diplomacy, Strategy and Alliance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 961 Segregation, Migration and War: African Americans</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 965 Palaeography c.1500-c.1800</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 967 Britain and the World in the Nineteenth Century</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 968 Transatlantic Influences: The United States and Europe after 1945</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 969 War and Society, 1914-1945: A Comparative Approach</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 970 The Patriarchal Family in Early Modern Society Co-operation and Conflict</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 917 Employers, Elites and the State in Scotland and the UK c1830-1940</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 920 Arab Societies in the Age of Nationalism: 1900-1945</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 922 Work and Occupational Health in the Twentieth Century</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 971 Themes in the History of Health and Colonial Medicine in South Asia</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>V1 972 Governing Highs and Health: History and the</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Such other Level 5 classes up to a maximum of 20 credits offered by the Faculty of Law, Arts 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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 973</td>
<td>The United States and Europe 1958-2001</td>
<td>5</td>
</tr>
<tr>
<td>V1 975</td>
<td>Pharmaceuticals, Ethics and Health 1800-1980</td>
<td>5</td>
</tr>
<tr>
<td>V1 976</td>
<td>The Cultural Turn and its Discontents in the History of International Relations</td>
<td>5</td>
</tr>
<tr>
<td>V1 977</td>
<td>War, Sacrifice and the Nation in Europe, 1789-1919</td>
<td>5</td>
</tr>
<tr>
<td>V1 9791</td>
<td>Food and Health in the West During the Twentieth Century</td>
<td>5</td>
</tr>
</tbody>
</table>

### Examination, progress and final assessment

19.126.45 Regulations 19.1.25 – 19.1.33 shall apply.

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

19.126.47 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

### Award

19.126.48 **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.

19.126.49 **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.

### MSc in Social and Cultural History

**Postgraduate Diploma in Social and Cultural History**

*These courses are jointly taught by the University of Strathclyde and the University of Glasgow and the awards are made by the University of Glasgow. The Regulations are drawn up consequent upon a Memorandum of Co-operation which has been approved by Senate. The academic management of the courses is the responsibility of the Joint Course Management Committee and the University of Glasgow is the administering university.*
MSc in Investigative Journalism
Postgraduate Diploma in Investigative Journalism
Postgraduate Certificate in Investigative Journalism

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

Admission
19.127.1 Regulations 19.1.1 and 19.1.2 shall apply.
In addition, applicants shall normally have studied journalism or a related subject as part of their first degree.

Duration of Study
19.127.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.127.3 The courses are available by full-time and part-time study.

Curriculum
19.127.4 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation or portfolio

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 925 Investigative Journalism: History &amp; Theory</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L3 922 Investigative Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 926 Manufacture of Consent</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and Degree of MSc only:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 944 Investigative Journalism and the Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 945 Investigative Journal: Project</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 955 Media Ethics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 932 Covering Globalisation</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

The list of Optional Classes in Regulation 19.127.174.

Students for the degree of MSc only either

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 928 Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 921 Journalism Portfolio</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.127.5 Regulations 19.1.25 – 19.1.33 shall apply.
Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.

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

**Award**

**Degree of MSc:** In order to qualify for the degree of MSc in Investigative 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 or portfolio.

**Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Investigative Journalism 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 Investigative Journalism a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

MLitt in Renaissance Studies
Postgraduate Diploma in Renaissance Studies
Postgraduate Certificate in Renaissance Studies

**Course Regulations**

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

The Course is offered jointly by the Universities of Strathclyde and Stirling and the awards are made in the name of these two Universities. The regulations are drawn up consequent upon a Memorandum of Agreement which has been approved by Senate. The course is jointly administered by a Course Committee appointed by the two Universities.

The taught components of the course may be delivered at either University. One of these Universities will be designated the Institution of Primary Registration. Students will be subject to the course regulations that have been adopted by both Universities and to any other general regulations of the Institution of Primary Registration.

**Admission**

Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**
19.127.24 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits including all the classes in List A
for the degree of MLitt – no fewer than 180 credits including all the classes in List A and a dissertation

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 970 Renaissance Studies Core Class</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 968 Skills in Renaissance Studies</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

List B

| QQ 971 Digital Humanities and the Renaissance | 5     | 20      |
| QQ 972 Literacy and Reading in the Renaissance | 5     | 20      |
| W3 900 Renaissance Music                       | 5     | 20      |
| QQ 966 Nature and Science in the Renaissance  | 5     | 20      |
| XX XXX Parliaments in the Renaissance          | 5     | 20      |
| V1 978 Scotland in the Renaissance             | 5     | 20      |
| QQ 969 Women and Cultural Production in the Renaissance | 5     | 20      |

Students for the degree of MLitt only:

| QQ 950 Dissertation | 5     | 60      |

Examination, Progress and Final Assessment

19.127.26 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.127.27 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.127.28 **Degree of MLitt:** In order to qualify for the degree of MLitt in Renaissance 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.
19.127.29 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Renaissance Studies, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.127.30 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Renaissance Studies, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

MLitt in International Journalism
Postgraduate Diploma in International Journalism

Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]
Admission
19.127.31 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.127.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.127.33 The courses are available by full-time study only.

Curriculum
19.127.34 All students shall undertake an approved curriculum as follows:

for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MLitt – no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 949 Journalism in English: Writing and Professional Practice</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 950 Producing Media</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 951 Specialist Journalism Project</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 952 Journalism and Society</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
P3 954 Scots Law for Journalists | 5 | 20 |

The list of Optional Classes in Regulation 19.127.174, List A in Regulation 19.127.184 and the Compulsory Classes in Regulation 19.127.43.

Students for the degree of MLitt only:
P3 928 Dissertation | 5 | 60 |
or
ES 921 Journalism Portfolio | 5 | 60 |

Examination, Progress and Final Assessment
19.127.36 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award
19.127.37 **Degree of MLitt:** In order to qualify for the degree of MLitt in International 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 or portfolio.
19.127.38 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Journalism, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.127.39 to 19.127.40 (Numbers not used)
MLitt in Digital Journalism
Postgraduate Diploma in Digital Journalism

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

Admission
19.127.41 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.127.42 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study
19.127.43 The courses are available by full-time study only.

Curriculum
19.127.44 All students shall undertake an approved curriculum as follows:

for the Postgraduate Diploma – no fewer than 120 credits
for the degree of MLitt – no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 950 Producing Media</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 954 Scots Law for Journalists</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 955 Media Ethics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 958 Multimedia Journalism</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 957 Entrepreneurial Journalism</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 909 Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 913 European Political Economy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 914 European Governance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 915 Contesting Global Governance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 916 Comparative Public Policy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 917 Policy Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 952 Journalism and Society</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 932 Covering Globalisation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 932 Covering Globalisation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>QQ 956 Travelin’ Blues: Literature, Politics and Displacement</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Such other Level 5 classes chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

Students for the degree of MLitt only:
| P3 956 Production Dissertation          | 5     | 60      |

Examination, Progress and Final Assessment
The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken and, if required, in an oral examination.

**Award**

**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.

**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.

**MLitt in Literary Journalism**

**Postgraduate Diploma in Literary Journalism**

**Course Regulations**

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

**Admission**

Notwithstanding Regulation 19.1.1, applicants should possess
(i) a BA Honours degree (or in the case of direct entry to a Master's programme, a first or second class honours degree) in English Literature or Cultural Studies from a United Kingdom university, or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be the equivalent to (i) above.

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

**Duration of Study**

19.127.52 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.127.54 All students shall undertake an approved curriculum as follows:

for the Postgraduate Diploma – no fewer than 120 credits, including 40 credits from List A
for the degree of MLitt, no fewer than 180 credits, including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 939</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>
List A
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 940</td>
<td>Journalism and Cultural Politics</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 941</td>
<td>Journalists in Film and Literature</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 942</td>
<td>The Literature of Journalism</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

List B
The list of Optional Classes in Regulation 19.127.194.

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by Department of English Studies or by another department in the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3 943</td>
<td>Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.127.56 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.127.57 The final assessment will be based on performance in the coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.127.58 **Degree of MLitt:** In order to qualify for the degree of MLitt in Literary Journalism, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.
19.127.59 **Postgraduate Diploma:** In order to qualify for the Postgraduate Diploma in Literary Journalism, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.127.60 (Number not used)
Law

LLM in Construction Law
Postgraduate Diploma in Construction Law
Postgraduate Certificate in Construction Law

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

Admission
19.128.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study
19.128.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.128.3 The courses are available by full-time or part-time study.

Curriculum
19.128.4 All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 976</td>
<td>The Law of the Construction Industry</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 904</td>
<td>Law and Practice of Construction Management</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

and either

Candidates without a Law degree:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 983</td>
<td>Legal Process and the Law of Contracts and other Obligations</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

or

Candidates with a Law degree

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 902</td>
<td>The Context of Construction</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of LLM in addition shall undertake
Compulsory Class

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9980</td>
<td>Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits and no more than 60 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 905</td>
<td>Dispute Resolution</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 939</td>
<td>Negotiation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 810</td>
<td>Mediation Policy and the Law</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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 of the course on which the student is registered.

Students for the degree of LLM only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 918</td>
<td>Dissertation in Construction</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

19.128.5 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

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

Award

19.128.7 Degree of LLM: In order to qualify for the award of LLM in Construction Law, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

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

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

19.128.10 Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%

19.128.11 Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

LLM in Internet, Law and Policy
Postgraduate Diploma in Internet, Law and Policy
Postgraduate Certificate in Internet, Law and Policy

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

Admission

19.128.12 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study

19.128.13 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

19.128.15 Curriculum
### Optional Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 808</td>
<td>International Intellectual Property</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 822</td>
<td>Software Licensing in a Global Environment</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 829</td>
<td>Surveillance, Technology and Crime Control</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 907</td>
<td>Internet Governance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 941</td>
<td>Intellectual Property Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 829</td>
<td>Privacy, Crime and Security</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 944</td>
<td>E-Commerce</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 950</td>
<td>Domain Name Regulations</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 975</td>
<td>Telecommunications Law</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of LLM only:

#### Compulsory Class

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 980</td>
<td>Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 40 and no more than 60 credits chosen from:

The list of optional classes above

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 of the course on which the student is registered.

Students for the degree of LLM only:

**either**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 900</td>
<td>Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

**or**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 955</td>
<td>Project</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

### Examination, Progress and Final Assessment

19.128.16 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.17 **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

19.128.18 **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 or project as appropriate.

19.128.19 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Internet, Law and Policy, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.128.20 **Postgraduate Certificate:** In order to qualify for the award of the Internet, Law and Policy, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.128.21 **Distinction Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at first sitting, with no class marks below 60%.

19.128.22 **Merit Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

19.128.23 to 19.128.30 (Number not used)

**LLM in Information Technology and Telecommunications**
**Law Postgraduate Diploma in Information Technology and Telecommunications Law**
**Postgraduate Certificate in Information Technology and Telecommunications Law**

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

**Admission**
19.128.31 Regulation 19.1.1 - 19.1.4 shall apply.

**Duration of Study**
19.128.32 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**
19.128.33 The courses are available by full-time and part-time study and by distance learning.

**Curriculum**
19.128.34 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 839 Surveillance, Technology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 975 Telecommunications Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 941 Intellectual Property Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 829 Privacy, Crime and Security</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 944 E-Commerce</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 907 Internet Governance</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of LLM only:

**Compulsory Class**
M9 980 Research Methods                 5     20
Optional Classes
No fewer than 40 credits and no more than 60 credits from the optional classes list above
Such other Level 5 classes up to a maximum of 20 credits as may be approved by the Course Director of the course on which the student is registered.

Students for the degree of LLM only:

 either
M9 900 Dissertation in Information Technology 5 60
 or
M9 955 Project 5 60

Examination, Progress and Final Assessment

19.128.35 Regulations 19.1.18 and 19.1.19 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.36 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

19.128.37 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 or project as appropriate.

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

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

19.128.40 Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%

19.128.41 Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.
LLM in Human Rights Law  
Postgraduate Diploma in Human Rights Law  
Postgraduate Certificate in Human Rights Law

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

Admission  
19.128.42 Regulations 19.1.1 - 19.1.4 shall apply.

Duration of Study  
19.128.43 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study  
19.128.44 The courses are available by full-time or part-time study.

Curriculum  
19.128.45 All students shall undertake an approved curriculum as follows:

Compulsory Class                                           Level | Credits  
LS 930 Research Methods                                    5     | 20

Optional Classes                                           Level | Credits  
40 credits chosen from:                                     
M9 986 European Human Rights Law                             5     | 20  
M9 987 Human Rights and Immigration Legislation              5     | 20  
M9 988 Human Rights Law in Comparative Perspective          5     | 20  
M9 989 Human Rights Protection in the UK                    5     | 20  
M9 990 International Human Rights                           5     | 20  
M9 991 UK and EU Environmental Law                          5     | 20

Students for the Postgraduate Diploma and degree of LLM only:  
Optional Classes  
No fewer than 60 further credits chosen from the list of optional classes above or  
Such other Level 5 classes up to a maximum of 20 credits as may be approved by the Course Director Director of the course on which the student is registered.

Students for the degree of LLM only:  
M9 916 Dissertation in Human Rights Law                     5     | 60

Examination, Progress and Final Assessment  
19.128.46 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.47 **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

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.

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.

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.

Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.

Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

LLM in International Economic Law
Postgraduate Diploma in International Economic Law
Postgraduate Certificate in International Economic Law

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

Admission

Regulations 19.1.1 -19.1.4 shall apply.

Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Place of Study

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

Curriculum

All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 920</td>
<td>920</td>
<td>5</td>
</tr>
<tr>
<td>The World Trading System: Law and Policy</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

List A: Optional Classes
40 credits chosen from:

EC 911  International Trade Theory, Policy, and Institutions  5  20
M9 921  International Environmental Law  5  20
M9 922  Business with Human Rights  5  20
M9 923  Competition Law and Policy in the EU  5  20
M9 924  Comparative Obligations of Law  5  20
M9 925  Intellectual Property Law  5  20
M9 932  Comparative Company Law and Regulation  5  20
M9 947  Energy Resources and Policy  5  20
M9944  E-Commerce  5  20
M9 983  Legal Process and the Law of Contract and Other Obligations [only for students with a non-law background]  5  20

Students for the Postgraduate Diploma and degree of LLM in addition will undertake
Compulsory Class
M9 980  Research Methods  5  20

Optional Classes
No fewer than 40 credits and no more than 60 credits chosen from List A.  
Subject to the approval of the Course Director a student may take one 20 credit class at Level 5 offered by the University of Strathclyde in lieu of an optional class from List A

Students for the degree of LLM only:
M9 927  Dissertation  5  60
or
M9 928  Field Dissertation  5  60

**Examination, Progress and Final Assessment**

19.128.66  Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide

19.128.67  **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**

19.128.68  **Degree of LLM**: In order to qualify for the award of LLM in International Economic Law, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

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

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

19.128.71 **Distinction Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.

19.128.72 **Merit Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

**LLM in International Law and Sustainable Development**

Postgraduate Diploma in International Law and Sustainable Development

Postgraduate Certificate in International Law and Sustainable Development

**Course Regulations**

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

**Admission**

19.128.73 Regulations 19.1.1 - 19.1.4 shall apply.

**Duration of Study**

19.128.74 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Place of Study**

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

**Curriculum**

19.128.77 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 920 The World Trading System: Law and Policy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 921 International Environmental Law</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 911 International Trade Theory, Policy, and Institutions</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 922 Business and Human Rights</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 923 Competition Law and Policy in the EU</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 924 Comparative Law of Obligations</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 925 Intellectual Property Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 931 Legal Process and the Law of Contract and Other Obligations [only for students with a non-law background]</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 927 Energy Resources and Policy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 991 UK &amp; EU Environmental Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>CL 960 Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 946 Global Water Policy</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
### Compulsory Class

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 930</td>
<td>Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

### Optional Classes

No fewer than 40 credits and no more than 60 credits from the list of optional classes above. A. Subject to the approval of the Course Director a student may take one 20 credit class at Level 5 in lieu of an optional class.

For students for the degree of LLM only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 927</td>
<td>Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M9 948</td>
<td>Field Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

### Examination, Progress and Final Assessment

19.128.78 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.79 **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

**Degree of LLM:** In order to qualify for the award of LLM in International Law and Sustainable Development, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

**Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in International Law and Sustainable Development, a candidate must have accumulated no fewer than 120 credits from the taught classes.

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

**Distinction Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.

**Merit Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.
Mediation and Conflict Resolution

LLM in Mediation and Conflict Resolution
MSc in Mediation and Conflict Resolution
Postgraduate Diploma in Mediation and Conflict Resolution
Postgraduate Certificate in Mediation and Conflict Resolution

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

Admission
19.128.85 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study
19.128.86 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.128.87 The course is available by both full time and part-time study.

Curriculum
19.128.88 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 937 Theory and Principles of Conflict Resolution</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 938 Mediation in Practice</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
20 credits chosen from:
| M9 809 Conflict Resolution and the State | 5 | 20 |
| M9 810 Mediation, Policy and the Law | 5 | 20 |
| M9 811 Employment Mediation | 5 | 20 |
| M9 939 Negotiation | 5 | 20 |
| M9 931 Legal Process and the Law of Contract and | 5 | 20 |

Other Obligations [only for students with a non-law background]

Students for the Postgraduate Diploma and degrees of LLM and in addition will undertake:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 980 Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits and no more than 60 credits chosen from the list of optional classes above
Subject to the approval of the Course Leader a student may take one 20 credit class at Level 5 offered by the University of Strathclyde in lieu of an optional class.

Students for the degree of LLM only:
| M9 XXX Dissertation (LLM) | 5 | 60 |
Examination, Progress and Final Assessment

19.128.89 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.90 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

19.128.91 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 must have been awarded in respect of the appropriate Dissertation class (M9XXX or M9812 respectively).

19.128.92 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Mediation and Conflict Resolution, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.128.93 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Mediation and Conflict Resolution, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.128.94 Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.

19.128.95 Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

Postgraduate Diploma in Professional Legal Practice

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

This Postgraduate Diploma in Professional Legal Practice is designed as the professional qualification for Law graduates and others who wish to enter the Solicitor branch of the legal profession in Scotland and satisfies the requirements of the Law Society of Scotland’s Professional Education and Training Stage 1 (PEAT 1).

Admission

19.128.97 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) an LLB of a Scottish university, or
(ii) 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).

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

**Duration of Study**

19.128.99 Notwithstanding Regulation 19.1.5 the duration of study will normally be 9 months for full time study with the expected duration of study to normally be 18 months for part-time study (attended as two periods of 9 months).

**Mode of Study**

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

**Curriculum**

19.128.101 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 801 Business and Financial Awareness</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 802 Civil Litigation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 814 Personal Injury Claim Handling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 815 Professional Practice and Ethics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 817 Private Client</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 819 Conveyancing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 820 Criminal Litigation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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      |

**Examination, Progress and Final Assessment**

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

19.128.103 Progress to the second year of part-time study will be permitted if a student obtains at least 40 credits.

19.128.104 Notwithstanding Regulation 19.1.29, the Board of Examiners may exceptionally, in the light of their overall performance, permit a student who satisfies the attendance and performance requirements of a class a maximum of two further attempts at passing the class. The attempt shall
normally be made at the next available diet of examinations. The Board of Examiners may additionally require a student to reattend a class.

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

**Award**

19.128.106 **Postgraduate Diploma:** In order to qualify for the Postgraduate Diploma in Professional Legal Practice a candidate must have accumulated no fewer than 120 credits from the course curriculum.

19.128.107 to 19.128.110 (Numbers not used)

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**Criminal Justice & Penal Change**

- **LLM in Criminal Justice & Penal Change**
- **MSc in Criminal Justice & Penal Change**
- **Postgraduate Diploma in Criminal Justice & Penal Change**
- **Postgraduate Certificate in Criminal Justice & Penal Change**

**Course Regulations**

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

**Admission**

19.128.111 Regulations 19.1.1 and 19.1.2 shall apply.

**Duration of Study**

19.128.112 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.128.114 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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 843 Justice and Penal Decision-Making</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 845 Punishment and Processes of Penal Change</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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 (available from 2013/14) 5 20

List B
M9 840 Offender Supervision & Management 5 20
M9 842 Restorative Justice 5 20
M9 839 Surveillance, Technology and Crime Control 5 20

Such other Level 5 classes up to a maximum of 20 credits subject to the approval of the Course Director.

Students for the Postgraduate Diploma and degree of LLM or MSc only:
M9 830 Research Methods 5 20

Students for the degree of LLM only:
M9 844 Dissertation (LLM) 5 60

Students for the degree of MSc only:
M9 841 Dissertation (MSc) 5 60

Examination, Progress and Final Assessment
19.128.115 Regulations 19.1.25 to 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.116 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
19.128.117 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, of which 100 must have been awarded from the appropriate pathway including 60 credits in respect of the Dissertation.

19.128.118 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.

19.128.119 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Criminal Justice and Penal Change, a candidate must have accumulated no fewer than 60 credits from the taught classes.

19.128.120 Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.
Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

LLM in Professional Legal Practice

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

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

Duration of Study
19.128.133 Notwithstanding Regulations 19.1.5 and 19.1.6 the minimum duration of study for the LLM will be 12 months and the maximum period of study will be 24 months for the full-time LLM.

Mode of Study
19.128.134 The LLM course is available by distance learning only.

Curriculum
19.128.135 All students shall undertake an approved curriculum as follows

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 980 Research Methods</td>
<td>5 20</td>
</tr>
<tr>
<td>M9 848 Dissertation in Professional Legal Practice</td>
<td>5 60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.128.136 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.128.137 Progress to the Dissertation on the LLM is dependent on a student successfully completing the class M9980 Research Methods.
19.128.138 Notwithstanding Regulation 19.1.29, the Board of Examiners may exceptionally, in the light of their overall performance, permit a student who satisfies the attendance and performance requirements of the class M9980 *** Research Methods a maximum of two further attempts at passing the class. The attempt shall normally be made at the next available diet of examinations. The Board of Examiners may additionally require a student to reattend the class.
19.128.139 The final assessment will be based on performance in the examinations, coursework, the dissertation and, if required, in an oral examination.

Award
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 and 20 credits from the class M9980*** Research Methods and the remainder of the credits will be awarded through credit transfer and recognition of prior learning.
LLM in Advocacy Studies
Postgraduate Diploma in Advocacy Studies
Postgraduate Certificate in Advocacy Studies

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

Admission
19.128.151 Regulation 19.1.1 - 19.1.4 shall apply.

Duration of Study
19.128.152 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.128.153 The courses are available by full-time and part-time study.

Curriculum
19.128.154 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 930</td>
<td>Legal Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 833</td>
<td>Case Analysis and Communication</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 836</td>
<td>Written Advocacy and Negotiation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 837</td>
<td>Pre trial/proof/hearing advocacy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 834</td>
<td>Trial/proof/Arbitration Advocacy</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Class

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 832</td>
<td>Appellate Advocacy</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of LLM only may take:
Such other Level 5 classes up to a maximum of 20 credits chosen as may be approved by the Course Director of the course on which the student is registered in lieu of class M9 832 Appellate Advocacy.

Students for the degree of LLM only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 835</td>
<td>Dissertation in Advocacy Studies</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

19.128.155 Regulations 19.1.18 and 19.1.19 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.156 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

19.128.157 Degree of LLM: In order to qualify for the award of LLM in Advocacy Studies, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.

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

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

19.128.160 Distinction Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at the first sitting, with no class marks below 60%.

19.128.161 Merit Award: Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at the first sitting.

Employment and Labour Law Studies

LLM/MSc in Employment and Labour Law Studies
Postgraduate Diploma in Employment and Labour Law Studies
Postgraduate Certificate in Employment and Labour Law Studies

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

Admission

19.128.180 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.128.181 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.128.183 All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 852</td>
<td>Contemporary Employment Relations</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 XXX</td>
<td>Employment Law Theory and Practice</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
List A: Optional Classes
No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 945</td>
<td>Equality Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 853</td>
<td>Labour Law in the Global Economy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 811</td>
<td>Employment Mediation</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>M9 957</td>
<td>International Human Rights Law</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HR 918</td>
<td>Labour and Diversity in a Global Context</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Students for the Postgraduate Diploma and degree of LLM/MSc in addition will undertake:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 930 Research Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits and no more than 60 credits from List A. Subject to the approval of the Course Leader a student may take one 20 credit class at Level 5 offered by the University of Strathclyde in lieu of an optional class from List A.

Students for the degree of LLM only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 XXX</td>
<td>Dissertation (LLM)</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9 XXX</td>
<td>Dissertation (MSc)</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

19.128.184 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have one further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide.

19.128.185 **Progress of Part-time Students**
Part-time students for the degree of MSc/LLM or Postgraduate Diploma shall normally require 40 credits to progress to year two.

**Award**

19.128.186 **Degree of LLM:** In order to qualify for the award of the degree of LLM in Employment and Labour Law Studies, a candidate must normally have accumulated no fewer than 180 credits from the course curriculum of which 60 must have been awarded in respect of the Dissertation (LLM).

19.128.187 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Employment and Labour Law Studies, a candidate must normally have accumulated no fewer than 180 credits from the course curriculum of which 60 must have been awarded in respect of the Dissertation (MSc).

19.128.188 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Employment and Labour Law Studies, a candidate must normally have accumulated no fewer than 60 credits from the course curriculum.
19.128.189 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Employment Law and Labour Law Studies, a candidate must normally have accumulated no fewer than 60 credits from the course curriculum.

19.128.190 **Distinction Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 70% comprising marks all awarded at first sitting, with no class marks below 60%.

19.128.191 **Merit Award:** Regulation 19.1.49 shall apply. Students shall require an average mark of at least 60% comprising marks all awarded at first sitting.
19.131 Politics

MSc in Public Policy
Postgraduate Diploma in Public Policy

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

Admission
19.131.1 Notwithstanding Regulation 19.1.1, applicants shall normally possess
(i) a first or second class Honours degree in Social Science of a United
Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.131.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.131.3 The courses are available by full-time and part-time study.

Curriculum
19.131.4 All students shall undertake an approved curriculum as follows:

For the Postgraduate Diploma – no fewer than 120 credits
for the degree of MSc – no fewer than 180 credits including a
dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes*</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 916</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 917</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>and either</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2 909</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2 904</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>and either</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2 905</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L2 908</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 910</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 911</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 912</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 913</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 914</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 915</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 918</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>L2 919</td>
<td>Green Politics</td>
<td>5</td>
</tr>
<tr>
<td>L2 920</td>
<td>The European Policy Process</td>
<td>5</td>
</tr>
<tr>
<td>L2 921</td>
<td>The European Union and International Relations</td>
<td>5</td>
</tr>
<tr>
<td>L2 922</td>
<td>Perspectives on British Governance</td>
<td>5</td>
</tr>
<tr>
<td>L2 923</td>
<td>Feminism and Politics</td>
<td>5</td>
</tr>
<tr>
<td>L2 924</td>
<td>International Relations Theory in a Global Age:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rethinking the Key Concepts</td>
<td>5</td>
</tr>
<tr>
<td>L2 925</td>
<td>The Welfare State in Comparative Public Policy</td>
<td>5</td>
</tr>
<tr>
<td>L2 926</td>
<td>International Security: Concepts and Issues</td>
<td>5</td>
</tr>
<tr>
<td>L2 927</td>
<td>Transforming Democracies? Representation and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Participation</td>
<td>5</td>
</tr>
<tr>
<td>L2 928</td>
<td>Territorial Politics in the UK</td>
<td>5</td>
</tr>
<tr>
<td>L2 929</td>
<td>Political Behaviour</td>
<td>5</td>
</tr>
<tr>
<td>L2 930</td>
<td>States, Markets and Varieties of Capitalism</td>
<td>5</td>
</tr>
<tr>
<td>L2 931</td>
<td>Territorial Politics in Comparative Perspective</td>
<td>5</td>
</tr>
<tr>
<td>L2 932</td>
<td>Difference and Democracy</td>
<td>5</td>
</tr>
</tbody>
</table>

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Law, Arts and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:
L2 933   Dissertation 5 60

**Examination, Progress and Final Assessment**

19.131.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.131.6 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
19.131.7 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

**Award**

19.131.8 **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.

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

19.131.10 (Numbers not used)
MSc in Political Research
Postgraduate Diploma in Political Research

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

Admission
19.131.11 Notwithstanding Regulation 19.1.1, applicants shall normally possess
(i) a first or second class Honours degree in Social Science of a United
Kingdom university; or
(ii) a qualification deemed by the Course Director acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.131.12 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.131.13 The courses are available by full-time and part-time study.

Curriculum
19.131.14 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a
dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 904 Philosophy of Social Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 905 Quantitative Methods 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 908 Quantitative Methods 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 909 Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 40 credits chosen from:
| L2 916 Comparative Public Policy   | 5     | 20      |
| L2 917 Policy Analysis             | 5     | 20      |

The list of Optional Classes in Regulation 19.131.4

Students for the degree of MSc only:
| L2 933 Dissertation                | 5     | 60      |

Examination, Progress and Final Assessment
19.131.15 Regulations 19.1.25 – 19.1.33 shall apply.
19.131.16 Progress may be dependent on satisfactory performance against prescribed
criteria outlined in the Course Handbook.
19.131.17 The final assessment will be based on performance in the examinations, the
coursework, the dissertation and, if required, in an oral examination.

Award
19.131.18 **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 90 credits must have been awarded in respect of the dissertation.

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

19.131.20 (Number not used)

---

**MSc in European Public Policy**

**Postgraduate Diploma in European Public Policy**

**Course Regulations**

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

**Admission**

19.131.21 Notwithstanding Regulation 19.1.1, applicants shall normally possess

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

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

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

**Duration of Study**

19.131.22 Regulations 19.1.5 and 19.1.6 shall apply.

**Mode of Study**

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

**Curriculum**

19.131.24 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 913 European Political Economy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 914 European Governance</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 916 Comparative Public Policy</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 917 Policy Analysis</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 30 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 904 Philosophy of Social Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 905 Quantitative Methods 1: Survey Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 908 Quantitative Methods 2: Statistics and Analysis</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 909 Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
The list of Optional Classes in Regulation 19.131.4

Students for the degree of MSc only:

L2 933 Dissertation 5 60

Examination, Progress and Final Assessment


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

19.131.27 The final assessment will be based on performance in the examinations, the coursework, the dissertation and, if required, in an oral examination.

Award

19.131.28 Degree of MSc: In order to qualify for the award of the degree of MSc in European 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.

19.131.29 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in European Public Policy, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course curriculum.

19.131.30 (Number not used)

MSc in International Public Policy
Postgraduate Diploma in International Public Policy

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

Admission

19.131.31 Notwithstanding Regulation 19.1.1, applicants shall normally possess

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

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

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

Duration of Study

19.131.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.131.34 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Diploma – no fewer than 20 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation
## Compulsory Classes

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 912</td>
<td>International Institutions &amp; Regimes</td>
</tr>
<tr>
<td>L2 915</td>
<td>Contesting Global Governance</td>
</tr>
<tr>
<td>L2 916</td>
<td>Comparative Public Policy</td>
</tr>
<tr>
<td>L2 917</td>
<td>Policy Analysis</td>
</tr>
</tbody>
</table>

## Optional Classes
No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 904</td>
<td>Philosophy of Social Science</td>
</tr>
<tr>
<td>L2 905</td>
<td>Quantitative Methods 1: Survey Methods</td>
</tr>
<tr>
<td>L2 908</td>
<td>Quantitative Methods 2: Statistics and Analysis</td>
</tr>
<tr>
<td>L2 909</td>
<td>Qualitative Methods</td>
</tr>
</tbody>
</table>

The list of optional classes in Regulation 19.131.4

Students for the degree of MSc only:

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 933</td>
<td>Dissertation</td>
</tr>
</tbody>
</table>

## Examination, Progress and Final Assessment

19.131.35 Regulations 19.1.25 – 19.1.33 shall apply.

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

19.131.37 The final assessment will be based on performance in the examinations, the coursework, the dissertation and, if required, in an oral examination.

## Award

19.131.38 **Degree of MSc**: In order to qualify for the award of the degree of MSc in International 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 90 credits must have been awarded in respect of the dissertation.

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

## Psychology

### MSc in Educational Psychology

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 20.1]

**Admission**

19.132.1 Notwithstanding Regulation 19.1.1, applicants shall possess

- a first or upper second class Honours degree in Psychology of a United Kingdom university; or
- a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.
Duration
19.132.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.132.3 The course is available by full-time study only and is offered over six consecutive school terms.

Curriculum
19.132.4 Notwithstanding Regulation 19.1.12, all students shall undertake an approved curriculum of no fewer than 360 credits

First Year
Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C8 901</td>
<td>Professional Practice Year 1</td>
<td>5</td>
<td>90</td>
</tr>
<tr>
<td>C8 913</td>
<td>Theories, Concepts and Skills for Educational Psychology Year 1</td>
<td>5</td>
<td>90</td>
</tr>
</tbody>
</table>

Second Year
Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C8 902</td>
<td>Professional Practice Year 2</td>
<td>5</td>
<td>90</td>
</tr>
<tr>
<td>C8 914</td>
<td>Theories, Concepts and Skills for Educational Psychology Year 2</td>
<td>5</td>
<td>90</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.132.5 Students are required to perform to the satisfaction of the Board of Examiners in the course work and in the Professional Practice.
19.132.6 Students who fail to satisfy the examiners in respect of any submitted written work while judged to be satisfactory in the practical work shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.
19.132.7 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
19.132.8 The final assessment will be based on performance in all elements of the coursework, the Professional Practice and, if required, an oral examination.

Award
19.132.9 **Degree of MSc**: 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 the Professional Practice.

19.132.10 to 19.132.20 (Numbers not used)
Research Methods in Psychology

MSc in Research Methods in Psychology

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

Admission
19.132.21 Notwithstanding Regulation 19.1.1 & 19.1.2, applicants shall possess
(i) a first or upper second class Honours degree in Psychology of a
    United Kingdom university; or
(ii) a qualification deemed by the Head of Department acting on behalf of
    Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be
required to demonstrate an appropriate level of English.

Duration of Study
19.132.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.132.23 The course is available by full-time study only.

Curriculum
19.132.24 All students shall undertake an approved curriculum no fewer than
180 credits including a dissertation.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C8 937 Dissertation</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>C8 938 Methods in Experimental Psychology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>C8 939 Quantitative Research Methods: Research Design, Statistics and Computing</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>C8 940 Analysing Discourse and Interaction</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>C8 942 Practical Research Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>C8952 Software Skills</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
19.132.25 Regulations 19.1.52 to 19.31.33 shall apply.
19.132.26 The final assessment will be based on performance in all elements of
the coursework, the dissertation and, if required, in an oral examination.

Award
19.132.27 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 120 credits must have been awarded in respect of
the dissertation.
19.133 Social Work

Master of Social Work  
Postgraduate Diploma in Social Work  
Postgraduate Certificate in Social Studies

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

The degree of Master of Social Work is conferred jointly by the University of Glasgow and the University of Strathclyde. The regulations are drawn up consequent upon a Memorandum of Co-operation which has been approved by Senate. The University of Strathclyde is the administering university.

Admission  
19.133.1 Regulation 19.1.1 shall apply.  
In addition, all successful applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

Duration of Study  
19.133.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study  
19.133.3 The Postgraduate Diploma in Social Work is available by full-time study only. The dissertation element of the Master of Social Work is available by full-time and part-time study.

Place of Study  
19.133.4 The courses include study at the University of Strathclyde, University of Glasgow and placement outwith these Universities' campuses.

Curriculum  
19.133.5 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits  
for the Postgraduate Diploma – no fewer than 120 credits  
for the degree of Master – no fewer than 180 credits including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5 936 Theory and Practice 1</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>L5 937 Practice 1</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>L5 953 Understanding Society in a Social, Policy and Legislative Context</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

In addition to the above, all students will require to gain the University of Strathclyde Certificate in IT Competence before being allowed to progress to Semester 2 classes.
* The class L5 937 Practice 1 involves at least 80 days in service delivery settings.

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

* The class L5 941 Practice 2 involves at least 80 days in service delivery settings.

Year 3
Students for the degree of Master only:
L5 944 Dissertation  5  60

Examination, Progress and Final Assessment

19.133.6 Regulations 19.1.29 and 19.1.30 shall apply.
19.133.7 In order to progress to the Postgraduate Diploma in Social Work, a student must have successfully accumulated at least 60 credits from the course curriculum and gained the University of Strathclyde Certificate of IT Competence.
19.133.8 In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the course curriculum and have submitted a satisfactory proposal for a dissertation.
19.133.9 The final assessment will be based on performance in the assessments, coursework, the dissertation where undertaken and, if required, in an oral examination.

Award

19.133.10 Degree of Master: In order to qualify for the award of the degree of Master of Social Work, a student must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the dissertation.
19.133.11 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Social Work, a student must have accumulated no fewer than 120 credits from the course curriculum.
19.133.12 Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Social Studies, a student must have accumulated no fewer than 60 credits from the course curriculum.
19.133.13 to 19.133.20 (Numbers not used)
Course Regulations
[These regulations are to be read in conjunction with Regulation 19.1]

Admission
19.133.21 Regulation 19.1.1 shall apply. In addition candidates shall normally have studied a subject or subjects related to community care as part of their first degree. Candidates who have previously graduated with a compatible Postgraduate Diploma in Community Care, normally within 5 years, and who can demonstrate continuation of learning, may be eligible for direct entry onto the MSc in Community Care.

Duration of Study
19.133.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.133.23 The courses are available by part-time study only.

Curriculum
19.133.24 All students shall normally 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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5 916 Principles of Community Care</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>L5 919 Values and Ethics in Community Care</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>L5 946 Practice of Community Care</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5 920 Research Methods in Community Care</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 45 credits chosen from

| L5 922 Community Care and Older People | 5     | 15      |
| L5 923 Community Care and People with Mental Health Problems | 5     | 15      |
| L5 924 Community Care and People with Learning Disabilities | 5     | 15      |
| L5 947 Inter-Professional Working in Community Care | 5     | 15      |

Students for the degree of MSc only:

| L5 927 Professional Enquiry and Development leading to a dissertation in Community Care | 5     | 60      |
Examination, Progress and Final Assessment

19.133.25 Regulations 19.1.25 – 19.1.33 shall apply.
19.133.26 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.
19.133.27 The final assessment will be based on performance in the coursework, examinations and the dissertation, where undertaken, and, if required, in an oral examination.

Award

19.133.28 Degree of MSc: In order to qualify for the award of the degree of MSc in Community Care, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation.
19.133.29 Postgraduate Diploma: In order to qualify for the award of Postgraduate Diploma in Community Care, a student must have accumulated no fewer than 120 credits from the taught classes of the course.
19.133.30 Postgraduate Certificate: In order to qualify for the award of Postgraduate Certificate in Community Care, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

Postgraduate Certificate in Mental Health Social Work

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

The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is conferred jointly by the University of Strathclyde and Glasgow Caledonian University. The regulations are drawn up consequent upon a Collaborative Agreement which has been approved by Senate. The University of Strathclyde is the administering university.

Admission

19.133.31 Regulation 19.1.1 shall apply.
In addition, all applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

Duration of Study

19.133.32 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.133.33 The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is available by part-time study only.

Place of Study

19.133.34 The course includes study at the University of Strathclyde, Glasgow Caledonian University and practice learning within the student’s employing agency.

Curriculum
All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L5 942 The Mental Health Officer Role in the Primary Context</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>L5 943 The Mental Health Officer Role in Secondary Contexts</td>
<td>5</td>
<td>30</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply.

The assessment for the class L5 942 The Mental Health Officer Role in the Primary Context incorporates an assessment of the student's practice. This practice must be assessed as satisfactory before the student can be allowed to undertake the class L5 943 The Mental Health Officer Role in Secondary Contexts.

The final assessment will be based on performance in the assessments, coursework and, if required, in an oral examination.

Award

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 no fewer than 60 credits from the course curriculum.
19.134 Sociology

MSc in Social Research
Postgraduate Diploma in Social Research
Postgraduate Certificate in Social Research

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

Admission
19.134.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study
19.134.2 Regulation 19.1.5 and 19.1.6 shall apply

Mode of Study
19.134.3 The course are available by full-time and part-time study.

Curriculum
19.134.4 All students shall undertake an approved curriculum as follows:

- for the Postgraduate Certificate – no fewer than 60 credits
- for the Postgraduate Diploma – no fewer than 120 credits
- for the degree of MSc – no fewer than 180 credits including a dissertation

Students for the Postgraduate Certificate;
Compulsory Classes  
L2 904 Philosophy of Social Science 5 20  
L3 929 Qualitative Methods 5 20  
L3 930 Social Research Today 5 20

Students for the Postgraduate Diploma and degree of MSc in addition shall undertake:
Compulsory Classes
L2 905 Quantitative Methods 1 5 20  
GS 9aa Research Design and Practice 5 20

Optional Classes
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
GS 9bb Dissertation 5 60

Examination, Progress and Final Assessment
19.134.5 Regulations 19.1.25 – 19.1.33 shall apply.
19.134.6 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
The final assessment will be based on performance in the examinations, coursework and, if required, in an oral examination.

Award

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

Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Social Research, 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 Social Research, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

MSc in Refugee and Migration Studies (Social Research)
Postgraduate Diploma in Refugee and Migration Studies (Social Research)
Postgraduate Certificate in Refugee and Migration Studies (Social Research)

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

Admission

Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree in Social Science from a United Kingdom university; or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

Regulations 19.1.5 and 19.1.6 shall apply

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 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
------------------------------------------------------------------

358
L3 927  Designing Research 5 20
L7 923  Governing Cities of Difference 5 20
M9 987  Human Rights and Immigration Legislation 5 20

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

Optional Classes
No fewer than 60 credits including at least 20 credits from List A

List A
L3 929  Qualitative Methods 5 20
L3 930  Social Research Today 5 20

List B
L2 904  Philosophy of Social Science 5 20
L2 905  Quantitative Methods 1 5 20
L3 917  Action Research 5 20
L3 922  Investigative Research 5 20
P3 926  Manufacture of Consent 5 20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:
L3 919  Dissertation 5 60

Examination, Progress and Final Assessment
19.134.16 Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
19.134.17 The final assessment will be based on performance in the examinations, coursework, the dissertation, where undertaken, and, if required, in an oral examination.

Award
19.134.18 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.
19.134.19 Postgraduate Diploma: In order to qualify for the award of the Postgraduate Diploma in Refugee and Migration Studies (Social Research) a candidate must normally have accumulated no fewer than 120 credits from the taught classes of the course.
19.134.20 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.
MSc in Media and Communication Research
Postgraduate Diploma in Media and Communication Research
Postgraduate Certificate in Media and Communication Research

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

Admission
19.134.21 Notwithstanding Regulation 19.1.1, applicants shall possess
(i) a first or second class Honours degree in Social Science from a
United Kingdom university; or
(ii) a qualification deemed by the Head of Department acting on behalf of
Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required
to demonstrate an appropriate level of English.

Duration of Study
19.134.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study
19.134.23 The course is available by full-time and part-time study.

Curriculum
19.134.24 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the
compulsory classes
for the Postgraduate Diploma – no fewer than 120 credits, of which 80
credits from the compulsory classes
for the degree of MSc – no fewer than 180 credits of which 80 credits
from compulsory classes and including a dissertation

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3 916  Designing Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L3 922  Investigative Research</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L3 929  Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 926  Manufacture of Consent</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

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

Optional Classes

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2 904 Philosophy of Social Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>L2 905 Quantitative Methods 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 925 Investigative Journalism: History and Theory</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 952 Journalism and Society</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>P3 955 Media Ethics</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Such other Level 5 classes up to a maximum of 20 credits chosen from
other courses offered by the University as may be approved by the Head of
Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:
P3 932  Dissertation 5  60

Examination, Progress and Final Assessment

19.134.26 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
19.134.27 The final assessment will be based on performance in the examinations, coursework, the dissertation, where undertaken, and, if required, in an oral examination.

Award

19.134.28 **Degree of MSc**: In order to qualify for the award of the degree of MSc in Media and Communication Research, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation.
19.134.29 **Postgraduate Diploma**: In order to qualify for the award of the Postgraduate Diploma in Media and Communication Research, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.134.30 **Postgraduate Certificate**: In order to qualify for the award of the Postgraduate Certificate in Media and Communication Research, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
Postgraduate Study and Research

20 Regulations for Higher Degrees

The following awards are conferred by the University by the authority of the Senate under Ordinances 3 and 4 in accordance with the following Regulations 20.1, 20.2, 20.3 and 20.4.

Research Degrees [Degrees with a predominant or significant research content]
- Master of Research (MRes)
- Master of Philosophy (MPhil)
- Doctor of Business Administration (DBA)
- Doctor of Education (EdD)
- Doctor of Educational Psychology (DEdPsy)
- Doctor of Engineering (EngD)
- Doctor of Philosophy (PhD)

Notes
1 Throughout these regulations, part-time study includes part-time study and open learning.
2 Where the phrase “Course Director (or nominees)” is used in these regulations, the Head of Department shall nominate appropriate Officers (e.g. Selector or Course Director) or relevant Faculty Committee in each case in accordance with any Departmental or Faculty procedures.
3 In the Faculty of Humanities and Social Sciences, research students are based in the Graduate School and the Associate Dean (PGR) undertakes the role carried out by the Head of Department in the other three faculties.
4 All decisions taken by the Boards of Study, acting on behalf of Senate, should subsequently be reported to Senate.
5 In interpreting these regulations, regard should be had to the University’s Policies and Procedures for Teaching and Learning and, where appropriate, Course Handbooks.
6 Students should also have regard to the Regulations contained in Part 1 of the University Calendar.
20.1 General Regulations for the Degrees of Doctor of Philosophy and Doctor of Engineering

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.5.]

Admission

20.1.1 Applicants must:
(i) possess a Master’s or an Integrated Master’s degree; or
(ii) possess a first or upper second class Honours degree from a United Kingdom University; or
(iii) possess other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above; or
(iv) be deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) above;

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

20.1.3 Applicants who satisfy the provisions of Regulation 20.1.1 may, in addition, be required to have had a period of relevant experience.

20.1.4 In all cases, applicants must submit a satisfactory research area or topic.

Minimum Periods of Study

20.1.5 The minimum period of study for each doctoral candidate shall be confirmed by the relevant Vice Dean (or nominee) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study
Doctorate where the doctoral candidate already holds a
   Masters degree in a subject cognate to their field of study  24 months
Doctor of Philosophy  36 months
Doctor of Engineering  48 months

For part-time study
The minimum period of study should be the learning equivalent of the full-time study period required taking account of the conditions under which the doctoral candidate will work. The actual study time will normally be greater than for full-time study.

A doctoral candidate’s thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.1.6 Except with the permission of the Senate, a candidate’s thesis must be submitted within a prescribed period from the date of the doctoral candidate’s registration as follows:

For full-time study
Doctor of Philosophy  48 months
Doctor of Engineering  60 months
For part-time study
The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study
20.1.7 Except where the Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by the Senate for the purpose (see Regulation 20.7 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

For the degree of Doctor of Engineering study will normally be undertaken within the University of Strathclyde and other institutions. Candidates will also undertake a placement in an industrial establishment.

Nature of Study
20.1.8 All doctoral candidates shall be required to undertake a programme of research in a field of study approved by the relevant Head of Department on behalf of the Senate.

20.1.9 The programme for the degree of Doctor of Philosophy shall include researcher development skills training with a minimum credit rating of 60 credits as stipulated by the Head of Department and/or nominees and a thesis.

20.1.10 The programme for the degree of Doctor of Engineering shall include researcher development skills training with a minimum credit rating of 60 credits (and normally not more than 210 credits) as stipulated in the course regulations, and a portfolio of project related material.

In Regulation 20.1, where thesis is referred to, it is to be interpreted for Doctor of Engineering candidates as the portfolio.

20.1.11 Within the requirement in Regulation 20.1.9 or 20.1.10, up to 30 researcher development skills training may be waived under Recognition of Prior Learning (RPL) by the Head of Department (or nominees) where the doctoral candidate holds a Master’s degree in a subject cognate to their field of study or have evidence of equivalent professional training or work-based experience.

20.1.12 The thesis shall embody the results of the doctoral candidate’s original research and must make, in the opinion of the examiners, an identifiable contribution to knowledge. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Doctoral candidates
20.1.13 Each doctoral candidate who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.
In the case of Doctor of Engineering candidates, the second supervisor shall be an industrial supervisor normally with experience of professional and career development in addition to having technical or managerial knowledge of the doctoral candidate’s research area.

20.1.14 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a doctoral candidate leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the doctoral candidate’s registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring doctoral candidate progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the doctoral candidate throughout the period of study.

When operating within the University of Strathclyde, the doctoral candidate shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.1.15 When a doctoral candidate’s approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which they are a candidate.

Attendance, Performance and Progression

20.1.16 Every applicant admitted to a doctoral research programme shall be required to attend regularly and to perform the required work, including of researcher development skills training, to the satisfaction of the Department.

20.1.17 A doctoral candidate must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

20.1.18 Doctoral candidates have an obligation to inform the University Student Experience – Student Business at the very first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

20.1.19 A doctoral candidate who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such doctoral candidates shall be reported immediately to the relevant Board of Study.

Submission of Theses

[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]

20.1.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.1.12 and 20.1.15.

20.1.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.
20.1.22 Candidates for the degree of Doctor of Engineering must include within their portfolio a bound stand-alone summary document which describes the contribution to knowledge and innovation.

20.1.23 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited to not more than 100,000 words.

Examinations

20.1.24 The doctoral candidate shall be examined by a thesis, any necessary coursework (as specified under Regulation 20.1.8 or 20.1.9) and by oral examination.

20.1.25 The examination of a doctoral candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the doctoral candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the doctoral candidate's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

For the degree of Doctor of Engineering, the Examining Committee shall include a second External Examiner who shall be from a different academic discipline than the academic supervisor.

20.1.26 The Examining Committee shall
(i) assess the thesis submitted by the candidate;
(ii) act as the Board of Examiners for the award of the credits for the taught classes or research training undertaken under the provisions of Regulation 20.1.9 or 20.1.10;
(iii) subject the candidate to the oral examination.

In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.

20.1.27 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:
(i) the doctoral candidate be awarded the appropriate degree;
(ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;
(iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
(iv) the doctoral candidate be transferred to an appropriate Master's degree provided the doctoral candidate satisfies the appropriate progress and curricular requirements;
(v) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.
Voluntary Suspension, Transfer of Registration or Withdrawal

20.1.28 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a doctoral candidate to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.1.29 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate’s registration from the degree of Doctor of Engineering to that for the degree of Doctor of Philosophy or vice-versa. The Board of Study will determine what recognition shall be given to the period which the doctoral candidate has completed.

20.1.30 A candidate for the degree of Doctorate may, after consultation with the Head of the Department concerned, be permitted to transfer registration to a relevant Master’s degree at any time before submission of the thesis or portfolio, subject to the doctoral candidate satisfying the appropriate progress and curricular requirements.

20.1.31 Where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the degree of Doctor of Philosophy or Doctor of Engineering is unsatisfactory the relevant Board of Study, acting on behalf of the Senate, may decide that the doctoral candidate’s registration be transferred to a relevant Master’s degree subject to the doctoral candidate satisfying the appropriate progress and curricular requirements.

20.1.32 Notwithstanding Regulation 20.1.6, Vice-Deans may approve an extension to the maximum period of study.

20.1.33 Notwithstanding the provisions of Regulations 20.1.16, 20.1.17, 20.1.27 and 20.1.30, where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the degree of doctorate is unsatisfactory or where an Examining Committee reports that a candidate has failed to satisfy the Examining Committee, the Board of Study, acting on behalf of the Senate, may terminate the doctoral candidate’s registration and require the doctoral candidate to withdraw.

20.1.34 Notwithstanding the provisions of Regulation 20.1.33, a doctoral candidate who is reported to the relevant Board of Study under Regulation 20.1.16 or 20.1.17 for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

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

Appeals against Transfer of Registration, and Withdrawal

20.1.36 Any doctoral candidate required to transfer registration under the provisions of Regulations 20.1.24 or to withdraw under the provisions of Regulations 20.1.33 or 20.1.34 may appeal to the relevant Board of Study for reconsideration of their case on any of the following grounds:

(i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
notwithstanding the doctoral candidate's obligations under Regulation 20.1.18, that there were medical, personal or other circumstances affecting the doctoral candidate's performance of which the examiners or the Board of Study were not aware when their decision was taken; or

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

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.1.37 A doctoral candidate has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Director of Corporate Services within a period of six weeks from the date of notification to the doctoral candidate of the outcome of the preceding appeal to the Board of Study. The doctoral candidate shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.1.38 A doctoral candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.1.39 To qualify for the award of a Doctor of Philosophy, a candidate must have achieved no fewer than 60 credits of researcher development skills training and have satisfied the examiners with regard to the thesis.

20.1.40 To qualify for the award of a Doctor of Engineering, a candidate must have achieved the minimum number of credits specified in the course regulations and have satisfied the examiners with regard to the thesis.

20.1.41 The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.1.42 The Senate may admit as candidates for the degree of Doctorate, members of the academic and related staff of the University appointed under the provisions of Ordinance 16. Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.1.4 and 20.1.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months. Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Doctor of Philosophy under the provisions of this Regulation.

20.1.43 A thesis submitted for the degree of doctorate by a member of the academic staff of the University appointed under the provisions of Ordinance 16 may consist substantially or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.
General Regulations for Professional Doctorate degrees

These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.6.

Admission

20.2.1 Applicants must:
(i) possess a Master’s or an Integrated Master’s degree; or
(ii) possess a first or upper second class Honours degree from a United Kingdom University; or
(iii) possess other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above; or
(iv) be deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) above;

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

20.2.3 Applicants who satisfy the provisions of Regulation 20.2.1 shall in addition, be experienced professional practitioners in their chosen field.

Credit Transfer and Recognition of Prior Learning (RPL)

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

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

Exemption granted on the basis of Credit Transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall preferably not exceed 50% of the credits appropriate to the course or 60 credits where this is less. Where any such exemption is granted, the relevant Board of Study, acting on behalf of the Senate, may approve an appropriate reduction in the minimum period of study.

Minimum Periods of Study

20.2.5 The minimum period of study for each student shall be confirmed by the relevant Vice Dean (or nominees) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study
All Professional Doctorates 36 months

For part-time study
The minimum period of study should be the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The actual study time will normally be greater than for full-time study.
A candidate’s thesis shall be submitted not earlier than two months before
the candidate is due to complete the prescribed minimum period of study.

**Maximum Periods of Study**

20.2.6 Except with the permission of the Senate, a candidate’s thesis must be
submitted within a prescribed period from the date of the candidate’s
registration as follows:

For full-time study 60 months

For part-time study
The expected period of study must be reviewed annually by the Supervisors
and confirmed annually at Registration.

**Place of Study**

20.2.7 Except where the Senate has approved distance learning arrangements for
off campus delivery, study shall normally be undertaken within the University
or within an institution or agency approved by the Senate for the purpose
(see Regulation 20.6 and University Policy and Code of Practice for
collaborative (off-campus and overseas) courses leading to awards or joint
awards of the University and flexible and distributed learning (including e-
learning)).

**Nature of Study**

20.2.8 The structure of a professional doctorate degree shall normally accord with
the following:

(i) directed study on research methods; and
(ii) directed study on areas of specialist knowledge; and
(iii) a literature review/mini dissertation

each with a minimum credit rating of 60.

In addition, all students shall be required to undertake a scheme of research,
leading to a thesis in a field of study approved by the relevant Head of
Department on behalf of the Senate.

Each candidate for an award must follow the programme as prescribed in
the relevant course regulations.

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

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

20.2.10 The thesis shall embody the results of the candidate’s original research and
must make, in the opinion of the examiners, an identifiable contribution to the
creation and interpretation of new knowledge through original research or
other advanced scholarship. The thesis shall be composed by the candidate,
shall not have been previously submitted for examination leading to the
award of a degree and shall be accompanied by a declaration to these
effects signed by the candidate.

**Supervision of Research**

20.2.11 Each student who is undertaking studies entailing a scheme of research
shall be supervised by at least two supervisors, at least one of whom shall
be a member of academic or research staff on Teaching and Research
Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

In the case of the Doctor of Educational Psychology, the primary supervisor shall be a qualified educational psychologist employed by the University. In the case of the Doctor of Pharmacy, at least one Supervisor shall be registered as a member of the General Pharmaceutical Council (GPhC).

20.2.12 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the student’s registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.2.13 When a student’s approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

**Attendance, Performance and Progression**

20.2.14 Every applicant admitted to a professional doctoral programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.

20.2.15 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

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

20.2.17 A student who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such students shall be reported immediately to the relevant Board of Study.

20.2.18 Students for the degree of professional doctorate, will normally be expected to have satisfactorily completed 180 credits at Level 5 from the course curriculum before being permitted to proceed to the thesis.

20.2.19 Progression through the course is prescribed in the individual course regulations.
Submission of Theses
[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.6]

20.2.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulation 20.2.10 and 20.2.13.

20.2.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

20.2.22 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, should normally comprise no less than 50,000 and no more than 60,000 words.

Examinations

20.2.23 The candidate shall be examined by a thesis, any necessary coursework (as specified in Regulation 20.2.8) and by oral examination.

20.2.24 The examination of a candidate shall be undertaken by an Examining Committee nominated by the relevant Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

20.2.25 The Examining Committee shall
(i) assess the thesis submitted by the candidate;
(ii) act as the Board of Examiners for the award of the credits for the taught classes or research training undertaken under the provisions of Regulation 20.2.8;
(iii) subject the candidate to the oral examination.
In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.

20.2.26 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:
(i) the candidate be awarded of the appropriate professional doctorate degree;
(ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;
(iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
(iv) the candidate be transferred to a Master's degree provided they satisfy the appropriate progress and curricular requirements;
(v) the candidate be awarded the degree of MSc or the Postgraduate Diploma in the relevant area.
(vi) the award be withheld and the candidate be required to withdraw.
In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

20.2.27 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.2.28 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate’s registration from the degree of professional doctorate to that for the degree of Master of Philosophy or vice-versa.

20.2.29 A student for a professional doctorate degree may, after consultation with the Head of the Department concerned, be permitted to transfer registration to a Master’s degree at any time before submission of the thesis, subject to the student satisfying the appropriate progress and curricular requirements.

20.2.30 Where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory the relevant Board of Study, acting on behalf of the Senate, may decide that the student’s registration be transferred to a Master’s degree subject to the student satisfying the appropriate progress and curricular requirements.

20.2.31 Notwithstanding Regulation 20.2.6, the Senate, on the recommendation of the relevant Board of Study may approve an extension to the maximum period of study.

20.2.32 Notwithstanding the provisions of Regulations 20.1.28 to 20.1.30 inclusive, where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory or where an Examining Committee reports that a candidate has failed to satisfy it, the Board of Study, acting on behalf of the Senate, may terminate the student’s registration and require the student to withdraw.

20.2.33 Notwithstanding the provisions of Regulation 20.2.26, a student who is reported to the relevant Board of Study under Regulation 20.2.14 for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

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

Appeals against Transfer of Registration, and Withdrawal

20.2.35 Any student required to transfer registration under the provisions of Regulations 20.2.26, 20.2.28, 20.2.29 or 20.2.30 or to withdraw under the provisions of Regulations 20.2.32 or 20.2.33 may appeal to the relevant Board of Study for reconsideration of their case on any of the following grounds:

(i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the...
examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or

(ii) notwithstanding the student’s obligations under Regulation 20.2.16, that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or

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

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.2.36 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

**Award**

20.2.37 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.2.38 To qualify for the award, a candidate must have obtained passes in the curriculum as specified in the course regulations.

20.2.39 The candidate will receive a parchment setting forth the Department in which the award has been granted.

**Staff Candidature**

20.2.40 The Senate may admit as candidates for the Doctorate members of the academic and related staff of the University appointed under the provisions of Ordinance 16.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.2.5 and 20.2.6 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for a Professional Doctorate degree under the provisions of this Regulation.

20.2.41 A thesis submitted for the degree of doctorate by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 16, Section 2.1 may consist in whole or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.
20.3 General Regulations for Master of Philosophy Degrees

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.5.]

Admission

20.3.1 Applicants must:
(i) possess a Master's or an Integrated Master's degree; or
(ii) possess at least a second class Honours degree from a United Kingdom University; or
(iii) possess other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above; or
(iv) be deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) above.

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

20.3.3 Applicants who satisfy the provisions of Regulation 20.3.1 may, in addition, be required to have had a period of relevant experience.

Minimum Periods of Study

20.3.4 The minimum period of study for each student shall be confirmed by the relevant Vice Dean (or nominees) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study 12 months

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

A candidate’s thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.3.5 Except with the permission of the Senate, a candidate’s thesis must be submitted within a prescribed period from the date of the candidate's registration as follows:

For full-time study 24 months

For part-time study
The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study

20.3.6 Except where the Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by the Senate for the purpose
Nature of Study

20.3.7 All students shall be required to undertake researcher development skills training as approved by the relevant Head of Department on behalf of the Senate. The training shall include taught classes or research training with a minimum credit rating of 20 credits (and normally not more than 60 credits) as stipulated by the Head of Department (or nominees) and a thesis.

20.3.8 The thesis shall embody the results of the candidate's work: this may be a record of original research or a critical review of existing knowledge or a combination of these two forms. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Students

20.3.9 Each student who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

20.3.10 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

(i) the student's registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study; and

(ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and

(iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations

20.3.11 When a student's approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

Attendance and Performance

20.3.12 Every applicant admitted to a Master of Philosophy programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.
20.3.13 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

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

20.3.15 A student who, in the opinion of the Head(s) of the Department(s) and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw.

**Submission of Theses**

[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]

20.3.16 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.3.8 and 20.3.11.

20.3.17 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

20.3.18 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited as follows:

Candidates for the degree of Master in the Faculty of Law, Arts and Social Sciences No more than 30,000 words
Candidates for all other degrees of Master No more than 50,000 words

**Examinations**

20.3.19 The candidate shall be examined by a thesis, researcher development skills training (as specified under Regulation 20.3.7) and, if required by the Examining Committee, by oral examination.

20.3.20 The examination of a candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall comprise at least one External Examiner and an Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Examining Committee and must attend any oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend any oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.

20.3.21 The Examining Committee shall

(i) assess the thesis submitted by the candidate;
(ii) act as the Board of Examiners for the award of the credits for the researcher development skills training undertaken under the provisions of Regulation 20.3.7.

The candidate may be required to submit to oral examination by the Examining Committee.
20.3.22 The Examining Committee shall report to the appropriate Board of Study, which shall make recommendation to the Senate that:
(i) the candidate be awarded the appropriate degree;
(ii) the award of the degree be withheld pending further study or resubmission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
(iii) the candidate be transferred to an appropriate Doctoral degree;
(iv) the award be withheld and the candidate be required to withdraw.
In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the examiners.

**Voluntary Suspension, Transfer of Registration or Withdrawal**

20.3.23 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

20.3.24 After a student has passed a formal assessment against defined criteria, the Head of the Department concerned, may, through the relevant Board of Study, recommend to the Senate the transfer of a student’s registration to that for the degree of doctor provided the student satisfies the appropriate progress and curricular regulations. On the recommendation of the Board of Study, the Senate will determine what recognition shall be given to the period which the student has completed as a candidate for the degree of Master towards the fulfilment of the requirements for the appropriate doctoral degree.

20.3.25 Notwithstanding Regulation 20.3.20, a student who is reported to the relevant Board of Study under Regulations 20.3.12 or 20.3.14 if appropriate, for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.

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

**Appeals against the Decisions of the Examining Committee**

20.3.27 A student may appeal against a decision made by the Board of Examiners under the provisions of Regulation 20.3.20 or a requirement to withdraw under the provisions of Regulation 20.3.22 or 20.3.25. Such an appeal must be made to the relevant Board of Study on any of the following grounds:
(i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
(ii) notwithstanding a student's obligations under Regulation 20.3.13, that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.
Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the student of the withdraw decision.

20.3.28 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.3.29 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

To qualify for the award, a candidate must have achieved no fewer than 10 credits from taught classes or research training and have satisfied the examiners with regard to the thesis and, if required, the oral examination.

The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.3.30 The Senate may admit as candidates for the degree of Master of Philosophy members of the academic and related staff of the University appointed under the provisions of Ordinance 16.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.3.4 and 20.3.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 60 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Master of Philosophy under the provisions of this Regulation.

20.3.31 A thesis submitted for the degree of Master by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 16, Section 2.1 may consist in whole or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.
20.4 General Regulations for Master of Research Degrees
[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.6.]

Admission

20.4.1 Applicants shall normally:
(i) possess a first or second class honours degree from a United Kingdom University; or
(ii) possess other qualifications deemed, by the Course Director (or nominee) acting on behalf of the Senate, to be equivalent to (i) above; or
(iii) be deemed, by the Course Director (or nominee) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) above.

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

20.4.3 Applicants who satisfy the provisions of Regulation 20.4.1 may, in addition, be required to have had a period of relevant experience.

Credit Transfer and Recognition of Prior Learning (RPL)

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

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

Exemption granted on the basis of Credit Transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall preferably not exceed 34% and normally not exceed 50% of the credits appropriate to the course.

Exceptionally, up to 67% exemption for Credit Transfer may be allowed where a special articulation between a Strathclyde programme and a programme delivered elsewhere is approved by the Senate.

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

Minimum Periods of Study

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

For full-time study 12 months

For part-time study
The minimum period of study 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.
**Maximum Periods of Study**

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

For full-time study  24 months  
For part-time study  48 months elapsed time  

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

**Mode of Study**

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

**Place of Study**

20.4.8 Except where the Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

**Course Structure and Curriculum**

20.4.9 All courses shall be modular and credit rated in accordance with the University Awards Framework in Regulation 20.4.10. Individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

20.4.10 The structure of courses shall normally embody 180 credits including a minimum of 150 credits at Level 5. These shall include a dissertation or report or a design or project amounting to not less than 120 credits.  
(Note: For a typical student one credit equates to approximately 10 hours of total student effort).

20.4.11 Each candidate for an award must follow the curriculum as prescribed in the relevant course regulations. This shall be set out in the course regulations and shall indicate which classes are compulsory or optional. The Senate on the recommendation of the relevant Board of Study may amend these from time to time.

20.4.12 The curriculum of every student must be approved in advance by the relevant Course Director or equivalent acting on behalf of the Board of Study. Where a pass in a particular class is a necessary condition for progress or for an award, this shall be clearly stated in the relevant course regulations. The choice of classes may be subject to constraints of timetabling and may also be influenced by professional requirements as well as by a student’s entrance qualifications or pre-requisite classes passed.
The University cannot guarantee that all optional classes will be available in any given academic year.

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

Dissertation, Report, Design or Project

20.4.14 The dissertation or report or the design or project shall be of a length and standard approved by the relevant Board of Study and shall normally be submitted by a date approved by the Board of Study and published in the appropriate Course Handbook.

20.4.15 Any dissertation or report or design or project submitted under the provisions of Regulation 20.4.14 shall be written in English. Exceptionally, a Board of Study may permit submission in a language other than English in which case a translation of the abstract as a minimum into English must accompany the dissertation or report or design or project.

Attendance and Performance

20.4.16 Every applicant admitted to a course of study shall be required to attend regularly and to perform satisfactorily the work of each class in their curriculum. A student who, in the opinion of the Head(s) of the Department(s) (or nominee(s)) offering a class and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, shall not be entitled to take the examination in the subject of that class and shall be so informed. A student may subsequently be permitted by the Course Director (or nominee) to take the examination in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

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

Examinations and Assessment

20.4.18 The Board of Examiners shall consist of not less than two members of academic staff responsible for the conduct of the course and one External Examiner. The Course Director, following consultation with the Head of Department, will identify a member of University staff to convene the Board of Examiners.

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

20.4.20 Taught classes shall be assessed by
(i) coursework assignments; or
(ii) written examinations; or
(iii) oral examinations; or
(iv) any combination of the above unless specified otherwise in the relevant Course Handbook. Except where a course includes an integrative/reflective class that will draw on work in other classes, each item of work may only be assessed in one class.
The Board of Examiners may exceptionally permit alternative forms of assessment or re-assessment for a taught class where they consider it to be in a student’s interest.

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

The examination of a dissertation shall normally be undertaken by an Examining Committee comprising no fewer than one Internal and one External Examiner nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate.

20.4.21 Candidates are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and the Examining Committee in the dissertation or report or design or project.

A student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 20.4.16 shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide. The nature of re-assessment shall be identified in class descriptors and/or Course Handbooks. The attempt shall normally be made at the next available diet of examinations.

20.4.22 In the case of re-assessment, the Board of Examiners may also require the student to re-attend the class.

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

20.4.24 Notwithstanding the provisions of Regulation 20.4.22, a candidate will be permitted to revise and re-submit their dissertation or report or design or project, in whole or in part, where there are medical, personal or other circumstances which have adversely affected their performance. In these circumstances, permission may be granted by the Board of Examiners concerned, subject to a report of any cases to the relevant Board of Study.

**Award of Credits**

20.4.25 A student who satisfies the Board of Examiners for a given class will be awarded the number of credits for that class.

**Progress of Students**

20.4.26 At all stages of the course, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

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

20.4.28 The Board of Examiners shall report to the relevant Board of Study which, acting on behalf of the Senate, shall ratify one of the following decisions:

(i) award of the appropriate degree;

(ii) withhold the award of the degree or other qualification pending further study or submission/resubmission of assignments, dissertation or report or design or project;

(iii) transfer the student’s registration;

(iv) require the student to withdraw.
Suspension, Transfer of Registration or Withdrawal

20.4.30 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of an academic year or transfer between full-time and part-time study where available or transfer to a related postgraduate course by instruction where available.

20.4.31 Where a student has failed to satisfy the Board of Examiners, the relevant Board of Study, acting on behalf of the Senate and in accordance with the recommendation of the Board of Examiners, may
(i) place the student in suspension; or
(ii) offer the student the opportunity to transfer to a related Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or
(iii) require the student to withdraw.

20.4.32 Notwithstanding Regulation 20.4.29, a student who is reported to the relevant Board of Study under Regulation 20.4.16 for persistent non-attendance at classes, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the course.

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

Appeals against Suspension, Transfer of Registration or Withdrawal

20.4.34 A student who has received an adverse decision in terms of Regulation 20.4.31 or 20.4.32 may appeal to the relevant Board of Study for reconsideration of the case.

20.4.35 The grounds for appeals under Regulation 20.4.34 may be any of the following:
(i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
(ii) notwithstanding the student's obligations under Regulation 20.4.17, that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
(iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Such an appeal shall be lodged in writing with the relevant Faculty Officer no later than a date specified by the Board of Study and notified in the letter informing the student of the transfer of registration or suspension or requirement to withdraw. The appeal shall be supported by appropriate documentary evidence not previously available.

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

**Award**

20.4.37 In order to qualify for a University of Strathclyde award, a student who has been granted exemption from part of a University of Strathclyde course through Credit Transfer or RPL (in accord with Regulation 20.4.3) must gain from the University of Strathclyde course curriculum a minimum of one-third of the credits required for that award.

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

20.5.1 The degree of Doctor of Science (DSc) or Doctor of Letters (DLitt) may be conferred by the University upon the conditions hereinafter mentioned. The following may be admitted as a candidate for the degree of Doctor of Science or Doctor of Letters:

20.5.2 A graduate of the University of Strathclyde of not less than five years' standing.

20.5.3 A graduate of not less than six years' standing of an approved university, or a person who has held for not less than six years some other qualification specially recognised by the Senate as equivalent for this purpose, provided that they have held for a period or periods totalling at least three years such office or offices in the University of Strathclyde or in an institution in association with the University as the Senate may approve.

20.5.4 In order to qualify for the award of the degree of Doctor of Science or Doctor of Letters a candidate must have made an original and distinguished contribution to learning.

20.5.5 Every candidate for the degree of Doctor of Science or Doctor of Letters shall be required to submit (in a form prescribed by the Senate) three sets of the published works which they wish to submit for examination together with any additional unpublished work, three copies of a summary of not more than 1000 words outlining the contents thereof and three copies of a list of all works published by the candidate whether included in the submission or not. A candidate may submit work for which they have been jointly responsible provided that such work is accompanied by a signed statement clearly defining the extent of the candidate's contribution to such work. A candidate who has previously submitted the material or any part of it for examination for a degree, including a Higher Doctorate, of the University or of any other institution must declare this on their submission form. A candidate should not submit material which they have presented for a lower degree unless they consider that its omission would result in an inadequate representation of their research.

20.5.6 Two sets of the material submitted shall remain the property of the University unless the submission is unsuccessful when only a copy of the summary and a record of the items submitted will be retained. One set of the material successfully submitted shall be deposited in the University Library.

20.5.7 The work shall be examined by not less than three examiners, at least two of whom shall be External Examiners. If the candidate is a member of staff of the University of Strathclyde, all the examiners shall be external. These examiners shall be appointed by the Senate and shall be required to submit to the Senate individual confidential judgements of the candidate's work.

20.5.8 No person will be accepted as a candidate more than twice and no candidate may apply for re-examination until five years have elapsed from the original date of submission.

20.5.9 Nothing in these regulations shall be held to restrict or govern the conferment of the degrees as honorary degrees according to the terms of Ordinances by which the conferment of the degree of Doctor of Science and of the degree of Doctor of Letters as honorary degrees is now or may hereafter be regulated.
20.6 Format and Submission of Theses

[These regulations are to be read in conjunction with Regulations 3 and Regulations 20.1 – 20.5.]

Regulations for Format
The regulations relating to the format of theses, dissertations, designs or reports submitted in pursuance of higher degrees by research and scholarship in accordance with Regulations 20.1 – 20.5 are given below; it should be noted that they are specific in relation to two copies only and that the candidate may make whatever arrangements he/she wishes for additional copies. Examples of the required format, method of production and binding of these may be seen on application at the Enquiry Desk of the Andersonian Library where details of firms that undertake binding may also be obtained. Enquiries regarding the format of theses should be made at the Enquiry Desk.

Number of Copies
20.6.1 A candidate is required to submit one bound copy and one digital copy.

Materials Specification
20.6.2 The materials used for the print copy shall be of high quality and conform, whenever possible, to the appropriate British or International standard. The digital copy should be a single electronic file and shall be a facsimile of the print version.

Specification
The print copy shall be on good quality paper of International size A4 (210mm x 297mm). The electronic file of the digital copy shall be in PDF format.

Method of Production
20.6.3 The text (including the summary) shall be in printed form and of such a quality as will ensure a high standard of reproduction. All other material submitted (e.g. computer print-outs, diagrams, and maps) shall be of concomitant quality.

Abstract
20.6.4 The thesis, dissertation, design or report shall include an abstract of the contents, not exceeding three hundred words in length, which shall be bound in at the beginning of the general text.

Title Page
20.6.5 The thesis, dissertation, design or report shall contain a title page or equivalent designator giving the name of the University Department or group of Departments, the title of the thesis, the name of the author, the degree and the year of submission of the thesis. Each separate component of the thesis shall contain such a title page or equivalent designator.

Declaration of Authenticity and Author’s Rights
20.6.6 The thesis, dissertation, design or report shall include, on the page immediately subsequent to the title-page, the following declarations of authenticity and author’s rights:
‘This thesis is the result of the author’s original research. It has been composed by the author and has not been previously submitted for examination which has led to the award of a degree.’

‘The copyright of this thesis belongs to the author under the terms of the United Kingdom Copyright Acts as qualified by University of Strathclyde Regulation 3.50. Due acknowledgement must always be made of the use of any material contained in, or derived from, this thesis.’

Signed:     Date:

Previously Published Work

20.6.7 A candidate who submits a thesis consisting in whole or in part of previously published work for which they have been responsible must submit with their thesis a signed statement clearly defining the extent of their contribution to such work.

Previously Submitted Material

20.6.8 A candidate should not submit material which they have presented for another degree unless they consider that its omission would result in an inadequate representation of their research. A candidate who has previously submitted the material, or any part of it, for examination for a degree of the University or of another institution must declare this in writing when submitting their thesis. In this case the declaration required by Regulation 20.6.6 should read

‘This thesis is the result of the author’s original research. It has been composed by the author and contains material that has been previously submitted for examination leading to the award of a degree at (institution) in (year).’

Signed:     Date:

Length

20.6.9 The length of the thesis shall be as set out in Regulations 20.1 – 20.5.

Language

20.6.10 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.

Layout

20.6.11 The text shall appear on the recto side of the page only, lines double or one and-a-half spaced. There shall be a margin (before trimming) of 40mm at the left-hand (binding) edge, 25mm at the fore edge, of 20 mm at the head of the page and of 40mm at the tail. Illustrations, diagrams, tables, etc, may appear on either side of the page, whether or not the other side is blank, provided that legibility is not impaired. The margin should conform as far as possible to that specified above for text pages; in any event, there must be an adequate binding edge margin.
Pagination

20.6.12 Text pages shall be numbered in continuous sequence irrespective of volumes. Preliminary material (e.g. contents pages and abstract) and appendices may be given separate pagination. Pages on the verso side, if they bear authorised material, shall be numbered according to the facing page with the affix A.

Covers and binding

20.6.13 The covers shall be board covered in black buckram. Both copies shall be sewn, preferably on tapes.

Lettering

20.6.14 The lettering on all copies shall be in gold. On the front board shall appear the title, in 24-point capitals, and the author's name, in 18-point capitals. On the spine shall appear in 14-point capitals the author's surname, followed by the author's initials, the degree for which the thesis was submitted, and the year of submission. 14-point lower case letters shall be used in the name of the degree, as appropriate. The direction of the lettering shall run from the base of the spine.

Regulations for Submission of Theses

Submission

20.6.15 A candidate for a higher degree by research (other than the degree of DSc or DLitt) who is required under the provisions of Regulations 20.1 – 20.4 to submit a thesis, dissertation, design or report shall submit two copies of any such work, which shall thereupon become the property of the University. In the first instance two soft bound copies of the thesis must be handed in to the Student Experience – Student Business with a completed submission form. Prior to any award being made, the candidate must submit a hard bound copy to the Student Experience – Student Business and a digital copy must be made available to the University of Strathclyde Institutional Repository.

Supplementary Material

20.6.16 A thesis may be accompanied by supplementary material of a non-print form. Such material, where possible, shall accord with University guidelines (available from the Student Experience – Student Business). Copies of the supplementary material shall be submitted with both the print and the digital copies of the thesis. The supplementary material to the printed copy may be submitted in a separate portfolio. The portfolio shall conform to the Regulations governing the size, binding and external appearance of theses.

Property Rights

20.6.17 The copies of the thesis in either digital or print format and any supplementary material in either digital or print format shall become the property of the University.

Consultation

20.6.18 See the regulations governing University of Strathclyde Theses in the Library Regulations [Regulation 3].
Moratorium

At the request of the author of the thesis or the supervisor and notwithstanding Regulations 20.1 – 20.5, a moratorium may be imposed by the appropriate Head of Department preventing the consultation, loan and reproduction of the thesis and any supplementary material for a maximum period of two years from the date of the award in respect of which the thesis was submitted. In exceptional circumstances, the period of moratorium may subsequently be extended for a further maximum period of up to three years by the Quality Assurance Committee.
20.7 **Institutions in Special Relationship with the University**

[Note: The Regulations for Higher Degrees refer in a number of places to institutions in special relationship with the University. The Senate has adopted the following definition of this term.]

20.7.1 A research institution or industrial organisation may be accepted as being in special relationship with the University where the Senate is satisfied that it has outstanding research potentiality and where there would be substantial material benefit in the relationship.

20.7.2 It is an essential prerequisite that the institution seeking special relationship shall have on its staff Visiting Professors of the University.

20.7.3 The status of special relationship will be conferred by the Senate and the Court acting jointly.

20.8 to 20.14 (Numbers not used)
Mathematical Sciences

MRes in Mathematical Sciences

Course Regulations
[These regulations are to be read in conjunction with Regulations 20.4]

Admission
20.15.1 Regulation 20.4.1 shall apply subject to the following requirements. Applicants shall possess
(i) a first or second class Honours degree from a United Kingdom university (in Mathematics or a closely related subject); or
(ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study
20.15.2 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study
20.15.3 The course is available by full-time and part-time study.

Curriculum
20.15.4 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MM 551 MRes Research Project</td>
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<td>120</td>
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Optional Classes*
No fewer than 60 credits chosen from

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<th>optional class</th>
<th>Level</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
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<td>15</td>
</tr>
<tr>
<td>MM 553 Applied Analysis and PDEs 2</td>
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<td>15</td>
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<tr>
<td>MM 554 Applied Mathematics Methods 1</td>
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<tr>
<td>MM 560 Statistics 1</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>MM 561 Statistics 2</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>MM 562 Probability 1</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>MM 563 Probability 2</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>

* Such other Level 5 classes chosen from Regulations 16.15.8 as may be approved by the Course Director.

Examination, Progress and Final Assessment
20.15.5 Regulations 20.4.21 and 20.4.27 shall apply.
20.15.6 The final assessment will be based on performance in the written examinations, the coursework, the Research Skills Training, Project and, if required, in an oral examination.

Award

20.15.7 Degree of MRes: In order to qualify for the degree of MRes, a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project.

Transfer

20.15.8 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.

20.16 to 20.17 (Numbers not used)
20.17  Department of Physics

Physics

MRes in Physics

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.17.1 Regulation 20.4.1 shall apply subject to the following requirements. Applicants shall possess
(i) a first or second class Honours degree from a United Kingdom university (in Physics or a closely related subject); or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study
20.17.2 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study
20.17.3 The course is available by full-time and part-time study.

Curriculum
20.17.4 Students will follow a specialisation of one or a combination of two of the following:
(i) Laser Physics, Optical Sciences and Technologies
(ii) Atomic, Molecular and Plasma Physics
(iii) Semiconductor and Solid State Physics
(iv) Computational Physics and Software Engineering

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 901</td>
<td>Project</td>
<td>5</td>
<td>80</td>
</tr>
<tr>
<td>12 902</td>
<td>Advanced Topics in Physics</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>

Optional Classes*
All students shall undertake classes amounting to no fewer than 60 credits of which at least 20 credits shall be from each of Lists A and B.

List A

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 903</td>
<td>Research Assessment Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>12 904</td>
<td>Research Skills 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>12 905</td>
<td>Research Skills 2</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

List B
* Additional classes may be selected, or required by the Course Director, to complete the student’s curriculum. These classes will be taken from an approved list.

**Examination, Progress and Final Assessment**

20.17.5 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Project.

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

**Award**

20.17.7 **Degree of MRes in Physics and Degree of MRes in Physics (in specific research area):** In order to qualify for the degree of MRes in Physics or degree of MRes in Physics (in specified research area), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 80 must have been awarded in respect of the Project.

**Transfer**

20.17.8 A candidate for the degree of MRes who fails to meet the requirements for the award of the degree, but who has satisfied the requirements for the award of the Postgraduate Diploma in Advanced Physics may be considered for the award of the Postgraduate Diploma and have his or her registration so transferred subject to the approval of the Board of Study, acting on behalf of Senate, and in accordance with the recommendation of the Board of Examiners.
Applications of Next Generation Accelerators

PhD in Applications of Next Generation Accelerators

[These regulations are to be read in conjunction with Regulation 20 and 20.1]

This degree is part of a collaborative EPSRC initiative comprising the University of Strathclyde, the University of Huddersfield, the Queen’s University Belfast and the University of Surrey with additional teaching provided by the Scottish Universities Physics Alliance and The Cockcroft Institute at Daresbury. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University. It is assumed that all classes offered by the external partners have been through the appropriate QAA processes.

Admission

20.18.1 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.18.2 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

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

Place of Study

20.18.4 Students will spend approximately 90% of their time undertaking a well-defined research project and 10% of their time undertaking a placement in either an industrial or clinical environment.

Curriculum

20.18.5 All students shall undertake research projects together with the following:

First Year

20.18.6 All students shall undertake an approved curriculum of at least 180 comprising classes offered by Strathclyde and the partner institutions as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 9xa Group Project</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>PH 9xb Individual Project</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>PH 9xc Accelerators</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Offered by Huddersfield, Queen’s University Belfast and Surrey

Biomedical Accelerator Applications 15
Energy & Security Applications 15
Research Skills 1 15
Research Skills 2 15
Radiation Physics 15
Radiation Biology 15
Cockcroft Lectures 10
Optional Classes
No fewer than 15 credits chosen from the classes listed in Regulation 20.xx.9

Second Year
20.18.7 All students shall commence their doctoral research project and undertake an approved curriculum as follows:

Compulsory Classes Level Credits
PH 9xd 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
PH 9xe Plasma Physics A 5 5
PH 9xf Laser Driven Plasma Accelerators 5 5

Scottish Universities Physics Alliance
Mathematical Modelling 5
Nuclear Instrumentation 5
Discussion Classes 5

Surrey
Computers in Medicine and Safety Issues 15
Applications of Ionising Radiation 15

Queen's University Belfast
Plasma Physics B 20
Physics and Medicine 20
Medical Physics and Applications 20

Progress
20.18.10 In order to proceed to the second year of the course, a student must have performed at the appropriate standard and achieved at least 180 credits from the course curriculum.

20.18.11 In order to proceed to the third year of the course, a student must normally have accumulated at least 195 credits from the course curriculum. A student must also satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.

20.18.12 In order to proceed to the fourth year of the course, a student must satisfy the Centre for Doctoral Training Management Executive Committee that satisfactory progress is being made on the research project.

Award
20.18.13 Degree of PhD: In order to qualify for the award of the degree of PhD in Applications of Next Generation Accelerators, a candidate must have performed to the satisfaction of the Board of Examiners and must have:
(i) accumulated at least 195 from the course curriculum
(ii) submitted a suitable thesis
and
(iii) performed satisfactorily in an oral examination.
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
A student who does not perform at the appropriate standard defined by the Centre for Doctoral Training Management Executive Committee will be transferred to either the MSc, Postgraduate Diploma or Postgraduate Certificate in Applications of Next Generation Accelerators.
20.22 Strathclyde Institute of Pharmacy and Biomedical Sciences

Biomedical Sciences

MRes in Biochemistry
MRes in Immunology
MRes in Microbiology
MRes in In Vivo Sciences
MRes in Neuroscience
MRes Parasitology
MRes in Pharmacology

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.22.1 Regulation 20.4.1 shall apply.

Duration of Study

20.22.2 Regulations 20.4.5 shall apply.

Notwithstanding regulation 20.4.6 the maximum period of study shall be as follows;

For full-time study
Masters by full-time study 16 months

For part-time study
Masters by part-time study 36 months elapsed time

Nature of Study

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

Curriculum

20.22.4 All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931</td>
<td>Generic Biomedical and Pharmaceutical Research Skills</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Z1 931</td>
<td>Entrepreneurship, Innovation and Commercialisation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 961</td>
<td>Biochemistry Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 962</td>
<td>Immunology Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>BM 915</td>
<td>In vivo Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 963</td>
<td>Microbiology Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 964</td>
<td>Molecular Biology Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>BM 916</td>
<td>Neuroscience Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 965</td>
<td>Parasitology Project and Thesis</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>
To qualify for the award of the degree of MRes the student must normally undertake the following classes:

**Biochemistry:** MP941, MP951 and MP961

**Immunology:** MP944, MP953 and MP962

**In vivo Sciences** BM 915, MP 968, BM 901

**Microbiology:** MP945, MP954 and MP963

**Molecular Biology:** MP946, MP955 and MP964

**Neuroscience:** BM916, BM902 and an appropriate techniques class from option list B

**Parasitology:** MP956, MP965 and an appropriate techniques class from option list B

**Pharmacology:** MP947, MP957 and MP966

### Examination, Progress and Final Assessment

**20.22.5** Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.

**20.22.6** The final assessment will be based on performance in the written examinations, the coursework, the Project and Thesis and, if required, in an oral examination.

### Award

**20.22.7** Degree of MRes: In order to qualify for the degree of MRes, a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Project and Thesis.

### Transfer
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.

**Pharmaceutical Sciences**

**MRes in Drug Delivery Systems**
**MRes in Drug Discovery**
**MRes in Toxicology**

**Course Regulations**
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

**Admission**
20.22.11 Regulation 20.4.1 shall apply

**Duration of Study**
20.22.12 Regulations 20.4.5 shall apply.

Notwithstanding regulation 20.4.6 the maximum period of study shall be as follows:

*For full-time study*
MRes by full-time study 16 months

*For part-time study*
MRes by part-time study 36 months elapsed time

**Nature of Study**
20.22.13 The course is available by full-time and part-time study.

**Curriculum**
20.22.14 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 931</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Z1 931</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes*
No fewer than 150 credits including 120 from List A and at least 10 from each of Lists B and C.

<table>
<thead>
<tr>
<th>List A</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 903</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 982</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 967</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 935</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>

List B
MP 943 Advanced Techniques in Drug Delivery 5 10
MP979 Advanced Techniques in Drug Discovery 5 10
MP 948 Advanced Techniques in Pharmaceutical Materials and Formulation 5 10
MP977 Advanced Techniques in Toxicological Analysis 5 10
MP 968 Advanced Techniques in In vivo Research 5 10
List C
MP 952 Advanced Topics in Drug Delivery 5 10
MP978 Advanced Topics in Drug Discovery 5 10
MP 955 Advanced Topics in Molecular Biology 5 10
MP 957 Advanced Topics in Pharmacology 5 10
MP 958 Advanced Topics in Pharmaceutical Materials and Formulation 5 10
MP976 Advanced Topics in Toxicology 5 10

To qualify for the award of the degree of MRes the student must normally undertake the following combination of classes:

*Drug Delivery Systems:* MP903, MP943 and MP952
  or MP967, MP948 and MP958

*Drug Discovery:* MP982, MP979 and MP978

*Toxicology:* MP 9ea, MP977 and MP976

**Examination, Progress and Final Assessment**

20.22.15 Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.

20.22.16 The final assessment will be based on performance in the written examinations, the coursework, the Project and Thesis and, if required, in an oral examination.

**Award**

20.22.17 **Degree of MRes:** In order to qualify for the degree of MRes, a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Project and Thesis.

**Transfer**

20.22.18 A candidate who fails to satisfy the progress or award requirements for the degree of MRes may be transferred to the Postgraduate Certificate in Pharmaceutical Sciences or Biomedical Sciences provided the appropriate progress regulations are satisfied.
Clinical Pharmacy

MRes in Clinical Pharmacy

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.22.19 Regulation 20.4.1 shall apply subject to the following requirements. Applicants shall possess
(i) a degree in pharmacy from a United Kingdom university or
(ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study
20.22.20 Regulations 20.4.5 and 20.4.6 shall apply.

Nature of Study
20.22.21 The course is available by full-time and part-time study. The course consists of training in research methods and includes a substantial research project and training in transferable research skills.

Curriculum
20.22.22 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 922</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>MP 923</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 924</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>MP 925</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Examination, Progress and Final Assessment
20.22.23 Candidates are required to pass written examinations and to perform to the satisfaction of the examiners in the course work and in the Research Project.
20.22.24 The final assessment will be based on performance in the written examinations, the coursework, the Research Project and, if required, in an oral examination.

Award
20.22.25 Degree of MRes: In order to qualify for the degree of MRes in Clinical Pharmacy a candidate must have performed to the satisfaction of the
Examiners and must have accumulated no fewer than 180 credits, of which 140 must have been awarded in respect of MP 925 Health Service Skills and MP 922 Research Project.

Transfer

20.22.26 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Clinical Pharmacy may be transferred to the Postgraduate Certificate in Clinical Pharmacy.

20.22.27 to 20.22.30 (Numbers not used)

Pharmacy

Doctor of Pharmacy

Course Regulations

[These regulations are to be read in conjunction with Regulation 20 and 20.2]

Admission

20.22.31 Regulation 20.2.1 shall apply. In addition, applicants are required to be registered as practising pharmacists in the UK, EU (including EEA countries) or from countries outside the EU recognised by Senate as meeting the current entry requirements of the MSc/MRes in Clinical Pharmacy.

Credit Transfer and RPL

20.22.32 Notwithstanding Regulation 20.2.4, the Board of Study may grant exemption of up to twelve months of full-time study and an equivalent time in part-time study on the basis of professional experience and performance on an appropriate postgraduate Masters course.

Mode of Study

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

Place of Study

20.22.34 The doctoral research project may take place within Strathclyde or at the place of employment approved by the Board of Study.

Curriculum

First Year

20.22.35 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP 932 Clinical Skills</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>MP 933 Research Skills</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>MP 934 Literature Review</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Second, Third and Fourth Years

20.22.36 All students shall undertake a doctoral research project.

Examination, Progress and Final Assessment
Candidates are required to pass classes and to perform to the satisfaction of the Board of Examiners in the taught component of the course.

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.

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**

**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**

A candidate who fails to satisfy the requirements for the award of the DPharm may be transferred to the MRes in Clinical Pharmacy.

(Numbers not used)
Faculties of Science and Engineering: Joint Courses

Photonics

Doctor of Engineering in Photonics

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.

System Level Integration

Doctor of Engineering in System Level Integration

[The General Regulations for Higher Degrees (Regulations 20 and 20.1) of the University of Strathclyde shall not apply, except with the agreement of the University of Glasgow.]

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

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

For the current academic year, the administering University is the University of Glasgow and full details of Course Regulations applicable are shown in that University's Calendar.
Faculty of Engineering

20.40 Faculty Courses

Engineering

MRes in Engineering

Course Regulations
[These regulations are to be read in conjunction with Regulation 20.4]

Admission
20.40.1 Notwithstanding Regulation 20.4.1, applicants shall possess
(i) a first or second class Honours degree from a United Kingdom university (in Engineering, a Physical Science or a closely related subject); or
(ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

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

Duration of Study
20.40.2 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study
20.40.3 The course is available by full-time and part-time study.

Curriculum
20.40.4 All students shall undertake an approved curriculum as follows:

Compulsory Classes:

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 931 Research Protocols for Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 925 Research Project</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>DM 933 Engineering Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>or EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Examination, Progress and Final Assessment
20.40.5 Regulation 20.4.21 shall apply.
20.40.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.
20.40.7 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

**Award**

20.40.8 **MRes**: In order to qualify for the award of the degree of MRes in Engineering, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project.

**Transfer**

20.40.9 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Engineering may be transferred to the Postgraduate Certificate in Engineering.

20.40.10 to 20.40.25 (numbers not used)

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**Nuclear Engineering**

**Doctor of Engineering (EngD) in Nuclear Engineering**  
[These regulations are to be read in conjunction with Regulations 20 and 20.1]

*This degree is part of a collaborative EPSRC research initiative comprising the University of Strathclyde, Imperial College, the University of Bristol, the University of Leeds and the University of Sheffield. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University.*

**Admission**

20.40.26 Regulations 20.1.1 and 20.1.2 shall apply.

**Duration of Study**

20.40.27 Regulations 20.1.5 and 20.1.6 shall apply.

**Mode of Study**

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

**Place of Study**

20.40.29 Students will spend approximately 75% of their time undertaking a well-defined research project or portfolio of projects in collaboration with an industrial partner. The research will run continuously throughout the duration of the course and will be undertaken mainly in the industrial partners’ premises.

Students may also be required to attend the University of Manchester to undertake classes delivered in a “short course” format from the portfolio of MSc/MBA courses offered by the Manchester Business School, and by the Nuclear Technology Education Consortium (NTEC) MSc in Nuclear Science and Technology.
Curriculum

20.40.30 All students shall undertake research project(s) together with the following:

Compulsory Class

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 953</td>
<td>5</td>
</tr>
<tr>
<td>External Study 1 (Management)</td>
<td>15</td>
</tr>
</tbody>
</table>

(The class EE 953 External Study 1 comprises the University of Manchester’s Professional Development Programme, accredited by the Institution of Mechanical Engineers and the Institution of Electrical Technology as an approved Monitored Professional Development Scheme.)

First Year

20.40.31 All students shall undertake an approved curriculum as follows:

Compulsory Classes

4 classes chosen from the curriculum of the Manchester University Diploma in Management. (See regulation 20.46.9)

together with Technical Classes as follows:

Either

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 954</td>
<td>5</td>
</tr>
<tr>
<td>External Study 2 (Management)*</td>
<td>30</td>
</tr>
</tbody>
</table>

or

No fewer than 30 credits chosen, with the permission of the student’s Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

*The class EE 954 External Study 2 comprises 2 classes chosen from the list in Regulation 20.46.10.

Second Year

20.40.32 All students shall undertake an approved curriculum as follows:

Compulsory Classes

4 classes chosen from the list in Regulation 20.46.9

together with Technical Classes as follows:

Either

<table>
<thead>
<tr>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 955</td>
<td>5</td>
</tr>
<tr>
<td>External Study 3*</td>
<td>15</td>
</tr>
</tbody>
</table>

or

No fewer than 20 credits chosen, with the permission of the student’s Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

* The class EE 955 External Study 3 comprises 1 class chosen from the list in Regulation 20.46.10.

Third and Fourth Years

20.40.33 All students shall undertake a doctoral research project.

Management Classes offered by the University of Manchester
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**

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**

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).

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).
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**

**Degree of EngD**: In order to qualify for the award of the degree of EngD in Nuclear Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have:

(i) accumulated at least 45 credits from the technical classes and 15 credits from *EE 953 External Study 1* in the course curriculum;

(ii) successfully completed the Diploma in Management Science from University of Manchester Business School;

(iii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;

(iv) performed satisfactorily in an oral examination.
20.41 Department of Architecture

Building Design and Management for Sustainability

Master of Research in Building Design and Management for Sustainability

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.41.1 Notwithstanding Regulation 20.4.1, applicants shall
(i) possess a first or second class Honours degree from a United Kingdom university (in Architecture, Engineering, or closely related subject); or
(ii) possess a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
(iii) be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

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

Duration of Study
20.41.2 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study
20.41.3 The course is available by full-time and part-time study.

Curriculum
20.41.4 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 563 Ecology, Sustainability and the Built Environment</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>AB 930 Construction Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF xxx Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931 Research Protocols in Science and Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>AB 972 Research Project</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from Level 5 classes offered within the Faculty of Engineering, as approved by the Course Director.

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 955 Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 956 Environmental Business Strategy</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931 Project Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 932 Risk Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 933 Design Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939 Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

20.41.5 Regulation 20.4.21 and 20.4.22 shall apply.
20.41.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.
20.41.7 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.41.8 **Degree of MRes:** In order to qualify for the award of the degree of Master of Research in Building Design and Management for Sustainability a candidate must have accumulated no fewer than 180 credits of which 120 must have been awarded in respect of the Research Project.

Transfer

20.41.9 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Building Design and Management for Sustainability may be transferred to the Postgraduate Certificate in Building Design and Management.
20.42 Department of Bioengineering

20.42 Department of Biomedical Engineering

Biomedical Engineering

MRes in Biomedical Engineering

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.42.1 Regulations 20.4.1 and 20.4.2 shall apply.

Duration of Study

20.42.2 Regulations 20.4.5 and 20.4.6 shall apply.

Mode of Study

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

Credit Transfer and Recognition of Prior Learning

20.42.4 At the discretion of the Head of Department, or Course Director credit transfer and RPL may be granted for up to 34% of the course.

Curriculum

20.42.5 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE918 Professional Studies in Biomedical Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE919 Research Methodology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MRes Project</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>Either</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BE911 Engineering Science</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BE915 Medical Science for Engineering</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>dependent on the academic background of the student and chosen after consultation with the Course Director.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE916 Introduction to Biomechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE902 Prosthetics and Orthotics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE901 Regenerative Medicine &amp; Tissue Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE900 Tissue Mechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE909 Biomedical Electronics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Be904 Clinical and Sports Biomechanics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE905 Bio-signal Processing and Analysis</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE906 Biomaterials and biocompatibility</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE903 Cardiovascular Devices</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE908 Biomedical Instrumentation</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

20.42.6 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the project.

20.42.7 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the **compulsory** taught components of the course before being permitted to proceed to the project.

20.42.8 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.42.9 **Degree of MRes**: In order to qualify for the award of the degree of MRes in Biomedical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the project.

Transfer

20.42.10 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Biomedical Engineering may be transferred to the Postgraduate Certificate in Biomedical Engineering provided the appropriate progress regulations are satisfied.

20.42.11 to 20.42.20 (Number not used)

Medical Devices

Doctor of Engineering (EngD) in Medical Devices

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

Admission

20.42.21 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.42.22 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

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

Credit Transfer and Recognition of Prior Learning

20.42.24 As permitted by Regulation 19.1 and at the discretion of the Course Director, exemption from part of the course may be granted to students submitting evidence of appropriate academic attainment or accredited prior experiential learning.

Curriculum
First Year

20.42.25 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>59 906 Introductory Pharmacology</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE915 Medical Science for Engineering</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE910 EngD/MSc Medical Devices Project</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BE918 Professional Studies in Biomedical Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE919 Research Methodology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE909 Biomedical Electronics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BE908 Biomedical Instrumentation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MP 942 Advanced Techniques in Biomedical Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BM 919 Medical Genomics</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 60 credits chosen from:

| BM 918 Clinical Biochemistry                | 5     | 10      |
| BE916 Introduction to Biomechanics         | 5     | 10      |
| BE904 Clinical and Sports Biomechanics      | 5     | 10      |
| BE900 Tissue Mechanics                      | 5     | 10      |
| BE906 Biomaterials and Biocompatibility     | 5     | 10      |
| BE901 Regenerative Medicine & Tissue Engineering | 5     | 10      |
| BE903 Cardiovascular Devices                | 5     | 10      |
| BE902 Prosthetics and Orthotics             | 5     | 10      |
| BE905 Bio-signal Processing and Analysis    | 5     | 10      |
| MP 941 Advanced Techniques in Biochemistry  | 5     | 10      |
| MP 946 Advanced Techniques in Molecular Biology | 5     | 10      |

Second, Third and Fourth Years

20.42.26 All students shall undertake a doctoral research project. Research projects are allocated to students from an approved list prior to the start of the second year and the normal supervisory and progression requirements for doctoral awards apply (see Regulation 20.1).

Examination, Progress and Final Assessment

20.42.27 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.

20.42.28 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

20.42.29 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year. The Board of Examiners will determine whether the resit should take the form of an examination or an assignment.

Award

20.42.30 Degree of EngD: In order to qualify for the award of the degree of EngD in Medical Devices, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the first year of study. In addition, a student must perform satisfactorily
in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in Regulation 20.1

**Transfer**

20.42.31 A candidate who fails to satisfy the progress or award requirements of the EngD may be transferred to the MSc, Postgraduate Diploma or Postgraduate Certificate in Medical Devices.

20.42.32 to 20.42.40 (Numbers not used)

**Medical Technology**

**MRes in Medical Technology**

**Course Regulations**

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

**Admission**

20.42.41 Regulation 20.4.1 shall apply.

**Mode of Study**

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

**Curriculum**

20.42.43 Compulsory Classes

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 951</td>
<td>Research Methodology in Healthcare</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td>65956</td>
<td>Project</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>

*and either*

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 949</td>
<td>Case Studies in Medical Technology</td>
<td>5</td>
<td>18</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65 950</td>
<td>Elements of Medical Science</td>
<td>5</td>
<td>18</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 24 credits chosen from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 952</td>
<td>Orthopaedic and Cardiovascular Device Technology</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>65 953</td>
<td>Biomaterials and their Applications</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>65 954</td>
<td>Artificial Organ Technologies</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>65 955</td>
<td>Diagnostic Instrumentation</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>

**Examination, Progress and Final Assessment**

20.42.44 Regulations 20.4.20 and 20.4.21 shall apply.

20.42.45 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught components of the course before being permitted to proceed to the project.
The final assessment will be based on performance in the examinations, the coursework and the project.

**Award**

**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.

**Transfer**

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.

(Number not used)
Department of Civil and Environmental Engineering

Geoenvironmental Engineering

MRes in Geoenvironmental Engineering

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.44.1 Notwithstanding Regulation 20.4.1, applicants shall possess
(i) a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
(ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

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

Duration of Study
20.44.2 Regulation 20.4.5 shall apply.

Notwithstanding Regulation 20.4.6, the maximum duration of study will be:
- for the degree of MRes by full-time study - 24 months
- for the degree of MRes by part-time study - 48 months

Mode of Study
20.44.3 The course is available by full-time and part-time study.

Curriculum
20.44.4 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 954 Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 906 Site Investigation and Risk Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 907 MRes Dissertation</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>CL 931 Research Protocols for Science &amp; Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 935 Hydrogeology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 20 credits chosen from:
- CL9071 Air Pollution, Climate Change & Human Health 5 10
- CL 904 Waste Management and Landfill Design 5 10
- CL 961 Geographical Information Systems (GIS) 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
- CL9XX Water & Wastewater Treatment Design 5 10
Independent Study in Collaboration with Industry

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

Examination, Progress and Final Assessment

20.44.5 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.

20.44.6 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

Award

20.44.7 Degree of MRes: In order to qualify for the award of the degree of MRes in Geoenvironmental Engineering, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Dissertation.

Transfer

20.44.8 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Geoenvironmental Engineering may be transferred to the Postgraduate Certificate in Geoenvironmental Engineering provided the appropriate progress regulations are satisfied.

Integrated Pollution Prevention and Control

MRes in Integrated Pollution Prevention and Control

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.44.11 Notwithstanding Regulation 20.4.1, applicants shall possess
(i) a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
(ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
(iii) an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

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

20.44.12 Regulation 20.4.5 shall apply. Notwithstanding Regulation 20.4.6, the maximum duration of study will be:

- for the degree of MRes by full-time study - 24 months
- for the degree of MRes by part-time study - 48 months

**Mode of Study**

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

**Curriculum**

20.44.14 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 970 Environmental Pollution Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 904 Waste Management and Landfill Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 931 Research Protocols for Science &amp; Engineering</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 975 Environmental Chemistry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 907 MRes Dissertation</td>
<td>5</td>
<td>120</td>
</tr>
</tbody>
</table>

**Optional Classes**

No fewer than 20 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 971 Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 954 Contaminated Land</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 955 Environmental Management Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 960 Fundamentals of Environmental Forensics</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 905 Ecology, Biodiversity and Sustainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 908 Pollution and Rehabilitation of Degraded Ecosystems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 921 Water and Environmental Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EV 939 Environmental Impact Assessment</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL9XX Water &amp; Wastewater Treatment Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL973 Independent Study in Collaboration with Industry</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>M9 850 International Environmental Law</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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**

20.44.15 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.

20.44.16 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.
Award

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.

Transfer

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.

Climate Change Adaptation

MRes in Climate Change Adaptation

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

Notwithstanding Regulation 20.4.1, applicants shall
(i) possess a first or upper second class Honours degree from a United Kingdom university (in Engineering, Earth Science or closely related subject); or
(ii) possess a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above; or
(iii) be an experienced professional working in the area of study deemed by the Head of Department acting on behalf of the Senate to be the equivalent to (i) above.

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

Duration of Study

Regulation 20.4.5 shall apply. Notwithstanding Regulation 20.4.6, the maximum duration of study will be

- for the degree of MRes by full-time study - 24 months
- for the degree of MRes by part-time study - 48 months

Mode of Study

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

Curriculum

All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 971 Air Pollution, Climate Change &amp; Human Health</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>CL 907 MRes Dissertation</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CL 931</td>
<td>Research Protocols for Science &amp; Engineering</td>
<td>5</td>
</tr>
<tr>
<td>CL 974</td>
<td>Sustainable Transformation &amp; Accountability</td>
<td>5</td>
</tr>
<tr>
<td>EV 939</td>
<td>Environmental Impact Assessment</td>
<td>5</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 20 credits chosen from

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL 954</td>
<td>Contaminated Land</td>
<td>5</td>
</tr>
<tr>
<td>CL 904</td>
<td>Waste Management and Landfill Design</td>
<td>5</td>
</tr>
<tr>
<td>CL 906</td>
<td>Site Investigation and Risk Assessment</td>
<td>5</td>
</tr>
<tr>
<td>CL 961</td>
<td>Geographical Information Systems (GIS)</td>
<td>5</td>
</tr>
<tr>
<td>CL 958</td>
<td>Recent Trends in Technological Progress</td>
<td>5</td>
</tr>
<tr>
<td>CL973</td>
<td>Independent Study in Collaboration with Industry</td>
<td>5</td>
</tr>
<tr>
<td>M9 850</td>
<td>International Environmental Law</td>
<td>5</td>
</tr>
</tbody>
</table>

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

**Examination, Progress and Final Assessment**

20.44.25 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and the Dissertation.

20.44.26 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

20.44.27 The final assessment will be based on performance in the examinations, coursework, the Dissertation and, if required, in an oral examination.

**Award**

20.44.28 **Degree of MRes**: In order to qualify for the award of the degree of MRes in Climate Change Adaptation, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Dissertation.

**Transfer**

20.44.29 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Climate Change Adaptation may be transferred to the Postgraduate Certificate in Climate Change Adaptation.
Department of Design Manufacture and Engineering Management

Systems Engineering

Doctor of Engineering (EngD) in Systems Engineering

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.1]

The course is offered through the Systems Engineering Doctorate Centre, a collaboration involving the University of Strathclyde, the Universities of Bath, Leicester, Loughborough and Queen’s University Belfast. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University.

Admission
20.45.1 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study
20.45.2 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study
20.45.3 The course is available by full-time study only.

Place of Study
20.45.4 The taught element of the programme may be delivered at other university campuses or at independent work sites.

Curriculum
First and Second Year
20.45.5 All students shall undertake a core curriculum as follows.

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 961 Compulsory Core 1: Introduction to Systems*</td>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>56 962 Compulsory Core 2: Advanced Systems**</td>
<td>5</td>
<td>50</td>
</tr>
<tr>
<td>56 963 Dissertation</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

* delivered at Loughborough University
** delivered at the University of Bath

Optional Classes
No fewer than 30 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>56 901 Logistics</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>56 904 Manufacturing Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>56 906 CAED Systems</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>56 911 Systems Integration</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>56 931 Knowledge Engineering and Management for Engineers</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>56 941 Modelling of Manufacturing and Business Systems</td>
<td>5</td>
<td>12</td>
</tr>
</tbody>
</table>
In addition, students will be required to submit a literature review amounting to 60 credits.

**Third and Fourth Years**

20.45.6 All students shall undertake a doctoral research project.

**Examination, Progress and Final Assessment**

20.45.7 Candidates are required to pass 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 progress and the award of a doctoral research degree as specified in Regulation 20.1.

20.45.8 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year. The Board of Examiners will determine whether the resit should take the form of an examination or an assignment.

20.45.9 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

**Award**

20.45.10 **Degree of EngD:** In order to qualify for the award of the degree of EngD in Systems Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the course curriculum for the first two years of study. In addition, a student must perform satisfactorily in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in Regulation 20.1.

**Transfer**

20.45.11 A candidate who fails to satisfy the requirements for the award of the EngD may be transferred to the MSc in Systems Engineering, provided the appropriate progress regulations are satisfied.

- 20.45.20 (Numbers not used)
Department of Design, Manufacture and Engineering Management

Advanced Manufacturing: Forging and Forming

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

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

Admission

20.45.21 Regulations 20.1.1 and 20.1.2 shall apply.

Mode of Study

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

Curriculum

First Year

20.45.23 All students shall undertake an approved curriculum as follows:

Compulsory Classes

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 920</td>
<td>Strategic Technology Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 932</td>
<td>Postgraduate Individual Project</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>DM 942</td>
<td>Manufacturing Automation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 946</td>
<td>Micro- and Nano-Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 947</td>
<td>Advanced Forming Technology and Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 948</td>
<td>Advanced Material and Production Technology</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>65 905</td>
<td>Research Methodology</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 60 credits chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 924</td>
<td>Product Design Techniques</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>DM 925</td>
<td>Systems Integration</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 927</td>
<td>Strategic Supply Chain Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 929</td>
<td>CAED Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 941</td>
<td>Fundamentals of Lean Six Sigma</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 943</td>
<td>Sustainable Product Design and Manufacturing</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 945</td>
<td>Systems Thinking and Modelling</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>DM 949</td>
<td>Design of Experiments for Process Optimisation</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 930</td>
<td>Information Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EF 931</td>
<td>Project Management</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Second, Third and Fourth Years

20.45.24 All students shall undertake a Doctoral Research Project. Research projects are allocated to students from an approved list at the start of the programme and the normal supervisory and progression requirements for doctoral awards apply (see Regulation 20.1).
Examination, Progress and Final Assessment

20.45.25 Candidates are required to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.

20.45.26 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.

20.45.27 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

20.45.28 **Degree of EngD**: In order to qualify for the award of the degree of EngD in Advanced Manufacturing; Forging and Forming, a candidate must have performed to the satisfaction of the Board of Examiners and must have

(i) accumulated no fewer than 180 credits from the course curriculum

(ii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;

(iii) performed satisfactorily in an oral examination.

Transfer

20.45.29 A candidate who fails to satisfy the progress and award requirements for the award of the EngD may be transferred to the MSc Advanced Manufacturing: Forging and Forming, Postgraduate Diploma or Postgraduate Certificate in Advanced Manufacturing.
Wind Energy Systems

MRes in Wind Energy Systems

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.46.21 Notwithstanding Regulation 20.4.1, applicants shall possess
(i) a first class Honours degree from a United Kingdom university (in Engineering, a Physical Science or closely related subject); or
(ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study
20.46.22 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study
20.46.23 The course is available by full-time study only.

Curriculum
20.46.24 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 964  Research Skills 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 965  MRes Dissertation</td>
<td>5</td>
<td>90</td>
</tr>
</tbody>
</table>

Optional Classes
No fewer than 80 credits chosen from:

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 981  Socio-Economics of Energy Systems</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 958  Wind Turbine Technology 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 959  Wind Turbine Technology 2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 960  Wind Turbine Control</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 961  Wind Turbine Power Conversion</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 962  Power Systems and Wind Integration 1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>EE 963  Power Systems and Wind Integration 2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 964  Business Skills</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>NM 999  Mechanical Systems and Turbine Design</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Examination, Progress and Final Assessment
20.46.25 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.
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.

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

**Award**

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

**Transfer**

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.

* (Numbers not used.)
20.60 **Faculty Courses**

**Master of Research (MRes)**
- MRes in Creative Writing
- MRes in English
- MRes in French
- MRes in History
- MRes in Italian
- MRes in Spanish
- MRes in Journalism

**Course Regulations**
[These regulations are to be read in conjunction with Regulations 20.4]

**Admission**

20.60.1 Regulation 20.4.1 shall apply.
20.60.2 Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences

**Duration of Study**

20.60.3 Regulations 20.4.5 and 20.4.6 will apply.

**Mode of Study**

20.60.4 The degree is available by full-time and part-time study.

**Curriculum**

20.60.5 All students will undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 907 Dissertation in English</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>QQ 906 Dissertation in Creative Writing</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>R1 900 Dissertation in French</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>V1 918 Dissertation in History</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>R3 900 Dissertation in Italian</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>R4 900 Dissertation in Spanish</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>P3 933 Dissertation in Journalism</td>
<td>5</td>
<td>160</td>
</tr>
</tbody>
</table>

Either

<table>
<thead>
<tr>
<th>Optional Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 939 Research Skills in Literature, Culture and Communication</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HY 903 Sources, Skills and Methods for Historians 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>HY 904 Sources, Skills and Methods for Historians 2</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>
20.60.6 Regulations 20.4.18 to 20.4.25 shall apply
20.60.7 The final assessment will be based on performance in the coursework, examinations, dissertation and, if appropriate, in an oral examination.

Award

20.60.8 **Degree of MRes**: In order to qualify for the award of the degree of MRes in the named subject a candidate must have accumulated no fewer than 180 credits of which no fewer than 160 must have been awarded in respect of the Dissertation.
Strathclyde Business School

20.80 Faculty Courses

Business Administration

Doctor of Business Administration

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.2]

Admission
20.80.1 Applicants must normally possess a first or second class Honours degree of a university in the United Kingdom or a qualification deemed by Senate to be equivalent. Applications will also be considered from candidates holding other qualifications acceptable to Senate.

Duration of Study
20.80.2 The course consists of at least 36 consecutive months study on a full-time basis or a minimum of 36 months on a part-time basis. The Board of Study may grant exemption of up to nine months of full-time study and an equivalent time in part-time study on the basis of performance on an appropriate Masters course.

Mode of Study
20.80.3 Full-time students undertake nine months instruction followed by twenty-seven months research. Part-time students undertake a taught programme, the length of which should be governed by the regulations of that course followed by a period of research to be determined by the Board.

First Stage Curriculum
20.80.4 During the first period of the course students study the curriculum of one of the Master's programmes of the School. Students may then proceed to the Research Programme which shall consist of a preliminary study in the proposed area of research on which a report shall be submitted.

Progress to the Research Programme
20.80.5 To proceed to the research programme a student must perform satisfactorily in the course work of a Master's programme and pass the first diet of examinations at Master's level.

Progress to Second Stage
20.80.6 To proceed to the second stage a student must submit a satisfactory report on the preliminary study in the proposed area of research.
20.80.7 Students who do not satisfy Regulation 20.80.5 or 20.80.6 may be required to withdraw or transfer to an appropriate Master's or Diploma course.

Second Stage Curriculum
20.80.8 Students are required to attend an approved class in research methods.
20.80.9 Students are required to prepare a full research proposal and a literature review and to commence empirical research.
20.80.10  Students may also be required to pass other classes.

**Progress to Third Stage**

20.80.11  To proceed to the third stage a student must perform satisfactorily in the class in research methods and submit a satisfactory full research proposal and literature review and meet the criteria articulated in Regulation 20.1.22. A student may also be required to perform satisfactorily in other classes undertaken.

20.80.12  Students who do not satisfy Regulation 20.80.11 may be required to withdraw or to transfer to a Master's course.

**Third Stage Curriculum**

20.80.13  Students must complete their research and prepare a thesis based thereon.

**Final Assessment and Award**

20.80.14  The award of the degree of Doctor of Business Administration will be based on the thesis. Candidates are referred to Regulations 20.2. - 20.2.

20.80.15  (Numbers not used)

20.80.19

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**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)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulations 20 and 20.4.]

**Admission**

20.80.20  Regulation 20.4.1 shall apply.

**Duration of Study**

20.80.21  Regulations 20.4.5 and 20.4.6 shall apply.

**Mode of Study**

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

**Curriculum**

20.80.23  All students shall undertake a curriculum based on the accumulation of no fewer than 180 credits to be derived from the following compulsory and optional classes. Students who select the appropriate curriculum may qualify for the specialisation Research Methodology in Business and Management (Risk and Reliability).
Compulsory Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xx xxx Dissertation</td>
<td>5</td>
<td>120</td>
</tr>
<tr>
<td>and either</td>
<td></td>
<td></td>
</tr>
<tr>
<td>xx xxx Advanced Quantitative Methods: Survey and Design</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>and BF 998 Advanced Quantitative Methods</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>or BF 995 Advanced Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 40 credits chosen from:

<table>
<thead>
<tr>
<th>Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 977 Special Topics 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 978 Special Topics 2</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 979 Special Topics 3</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 996 Writing and Presenting Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 997 Interdisciplinary Collaborative Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 502 Basic Reliability Theory and Techniques</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 503 Advanced System Reliability Modelling</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 507 Modelling within Reliability and Maintainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 927 Risk Analysis and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 962 Foundations of Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 963 Risk Governance</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Z1  937 Entrepreneurship Research</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Such other classes at Level 5 offered by the Business School as may be approved by the Course Director.

Students seeking a specialisation in Risk and Reliability shall undertake the following curriculum:

Compulsory Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS 502 Basic Reliability Theory and Techniques</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 503 Advanced System Reliability Modelling</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>MS 507 Modelling within Reliability and Maintainability</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 927 Risk Analysis and Management</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 962 Foundations of Risk</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>MS 963 Risk Governance</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Optional Classes

No fewer than 10 credits chosen from

<table>
<thead>
<tr>
<th>Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 977 Special Topics 1</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 995 Advanced Qualitative Methods</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>BF 996 Writing and Presenting Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>BF 997 Interdisciplinary Collaborative Research</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Xx xxx Entrepreneurship Research</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Such other classes at Level 5 offered by the Business School as may be approved by the Course Organiser.

Examination, Progress and Final Assessment
Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the dissertation.

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

**Award**

**Degree of MRes:** In order to qualify for the award of the degree of 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 BF 9xx *Dissertation*.

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 9xx Dissertation* with research undertaken in a relevant area.

**Transfer**

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.

(Numbers not used)
Faculty of Humanities and Social Sciences

Faculty Courses

Master of Research (MRes)
In
Counselling
Creative Writing
Education
English
European Public Policy
French
Geography
German
History
Italian
Journalism
Law
Music
Literary Linguistics
Politics
Psychology
Scottish Studies
Social Policy
Social Work
Sociology
Spanish
Speech & Language Therapy
Physical Activity for Health

Course Regulations
[These regulations are to be read in conjunction with Regulations 20.4]

Admission
20.120.1 Regulation 20.4.1 shall apply.
20.120.2 Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences

Duration of Study
20.120.3 Regulations 20.4.5 and 20.4.6 will apply.

Mode of Study
20.120.4 The degree is available by full-time and part-time study.

Curriculum
20.120.5 All students will undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Class</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QQ 907</td>
<td>5</td>
<td>160</td>
</tr>
<tr>
<td>R1 900</td>
<td>5</td>
<td>160</td>
</tr>
</tbody>
</table>

Dissertation in English
Dissertation in French
or
V1 918  Dissertation in History 5 160
or
R3 900  Dissertation in Italian 5 160
or
R4 900  Dissertation in Spanish 5 160
or
QQ 906  Dissertation in Creative Writing 5 160
or
P3 933  Dissertation in Journalism 5 160

Optional Classes
No fewer than 20 credits chosen from:
ES 939  Research Skills in Literature, Culture and Communication 5 20
HY 903  Sources, Skills and Methods for Historians 1 5 20
HY 904  Sources, Skills and Methods for Historians 2 5 20

Examination and Final Assessment
20.120.6 Regulations 20.4.18 to 20.4.25 shall apply
20.120.7 The final assessment will be based on performance in the coursework, examinations, and dissertation and, if appropriate, in an oral examination.

Award
20.120.8 Degree of MRes: In order to qualify for the award of the degree of MRes in the named subject a candidate must have accumulated no fewer than 180 credits of which no fewer than 160 must have been awarded in respect of the Dissertation.
20.121 (Number not used)

Education

Doctor of Education (EdD)

Course Regulations
[These regulations are to be read in conjunction with Regulations 20 and 20.2]

Admission
20.122.1 Notwithstanding Regulation 20.2.1, successful applicants shall normally possess
(i) a Master’s degree in Education from a university in the United Kingdom; or
(ii) a qualification deemed by the Course Director (or nominee) acting on behalf of Senate to be equivalent to (i) above; or
(iii) be deemed by the Course Director (or nominee) acting on behalf of Senate, to have achieved an academic standard equivalent to (i) above.
In addition, successful applicants shall also possess
(iv) a teaching qualification; or
(v) other relevant professional qualification.

Duration of Study
20.122.2 Notwithstanding Regulation 20.2.5, the minimum duration of study will normally be
for the degree of EdD by full-time study – 36 months
for the degree of EdD by part-time study – 48 months

Notwithstanding Regulation 20.2.6, the maximum duration of study will normally be
for the degree of EdD by full-time study – 60 months
for the degree of EdD by part-time study – 96 months

Mode of Study
20.122.3 The course is available by full-time and part-time study. All students undertake a curriculum comprising classes which are modular in nature and consist of formal tuition, independent study and supervised research.

Curriculum
20.122.4 All students shall undertake an approved curriculum as follows:

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>X7 825 EdD Thesis</td>
<td>5</td>
<td>300</td>
</tr>
<tr>
<td>X7 823 Methods of Enquiry in Professional Education</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>X7 821 Literature and Scholarship</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>X7 822 The Professional Dimension</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td>X7 824 Synoptic Paper</td>
<td>5</td>
<td>60</td>
</tr>
</tbody>
</table>

Examination, Progress and Final Assessment
20.122.5 Candidates are required to perform to the satisfaction of the Board of Examiners in all aspects of the curriculum and in the thesis.
20.122.6 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners in the taught component of the course before being permitted to proceed to the thesis.
20.122.7 Candidates who fail to satisfy the Board of Examiners in any taught class may, in the light of overall performance, be permitted one further attempt to pass the relevant class normally within one year of the first attempt.
20.122.8 The final assessment will be based on performance in the coursework, the thesis and an oral examination.

Award
20.122.9 In order to qualify for the award of the degree of Doctor of Education, 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 300 must have been awarded in respect of the Thesis.
20.122.10 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
A candidate who has accumulated no fewer than 240 credits in the taught component of the course will be eligible for the exit award of MSc in Practitioner Research.

**Counselling Psychology**

**Professional Doctorate in Counselling Psychology**

[The General Regulations for Professional Doctorate degrees (Regulation 20.2) of the University of Strathclyde shall not apply except with the agreement of the Glasgow Caledonian University.]

This course is offered jointly by the University of Strathclyde and the Glasgow Caledonian University and the award is made in the name of both Universities. The regulations are drawn up consequent upon a Collaborative Agreement which has been approved by the Senate.

The taught component may be delivered at university campuses or in professional settings but all classes will be taught by staff from the two Universities. Students shall be subject to the course regulations that have been adopted by both Universities and to any other General Regulations etc. of the University at which they are studying.

For the current academic year, the administering University is Glasgow Caledonian University and full details of Course Regulations applicable are shown in that University's Calendar.

20.123 to 20.131 (Numbers not used)
20.132 Psychology

Educational Psychology

Doctor of Educational Psychology

Course Regulations
(These regulations are to be read in conjunction with Regulations 20 and 20.2)

Admission
20.132.1 Notwithstanding Regulation 20.2.1, applicants shall possess either
(i) MSc in Educational Psychology
or
(ii) qualifications and experience deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above;
and
(iii) shall currently be engaged in work in the field as a practising Educational Psychologist.
In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration
20.132.2 The course consists of at least 33 consecutive months study on a full-time basis.
The Board of Study may grant exemption of up to nine months of full-time study on the basis of performance on a two-year MSc in Educational Psychology course recognised by the University for this purpose.

Nature of study
20.132.3 Students undertake a full-time programme of research and fieldwork.

Curriculum
20.132.4 During the first stage of the course, students must complete a portfolio of 3 pieces of small-scale research work carried out in practice.
Students who hold a Masters degree approved by the University will have this requirement waived by the Head of Department (or nominees) in accord with Regulation 20.2.4
20.132.5 During the second stage of the course students must complete the research programme and a reflective self-evaluation report on their professional practice.

Examination, Progress and Final Assessment
20.132.6 To proceed to the second stage of the course consisting of professional practice and the research programme a student must perform satisfactorily in the portfolio.
20.132.7 To proceed to the second stage of the thesis a student must submit both a satisfactory Research Proposal and a satisfactory Part 1 Literature Review.
20.132.8 Before being allowed to proceed to examination of the thesis a student must have received a satisfactory report from the Principal Educational Psychologist.
20.132.9 Students who do not satisfy Regulation 20.132.4 or 20.132.5 may be required to withdraw from the course.

20.132.10 Regulations 20.2.23 – 20.2.26 shall apply.

**Award**

20.132.11 The award of the degree of Doctor of Educational Psychology will be based on performance in both the Professional Practice elements (self-evaluation report, and the report of the Principal Educational Psychologist) and the thesis.

20.132.12 A candidate who has completed the work for the Doctor of Educational Psychology but has failed to satisfy the examiners at doctoral level, may be considered by the Examining Committee for transfer to, and the award of, the Master of Philosophy.

20.132.13 to 20.132.20 (Numbers not used)

**20.134 Sociology**

**Social Research**

**MRes in Social Research**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 20 and 20.4]

**Admission**

20.134.1 Notwithstanding Regulation 20.4.1, applicant shall possess

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

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

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

**Duration of Study**

20.134.2 Regulations 20.4.5 and 20.4.6 shall apply.

**Mode of Study**

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

**Curriculum**

20.134.4 All students shall undertake an approved curriculum as follows:

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

<table>
<thead>
<tr>
<th>Compulsory Classes</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>35 902 Quantitative Methods 1</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>35 903 Philosophy of Social Science</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>GS 902 Qualitative Methods</td>
<td>5</td>
<td>15</td>
</tr>
</tbody>
</table>
Examination, Progress and Final Assessment

20.134.5 Regulations 20.4.18 – 20.4.25 shall apply.

20.134.6 Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.

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

Award

20.134.8 Degree of MRes: In order to qualify for the award of the degree of MRes in Social Research, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 100 credits must have been awarded in respect of the dissertation.

Transfer

20.134.9 A candidate for the degree of MRes who fails to meet the requirements for the award of the degree, but who has satisfied the requirements for the award of the Postgraduate Diploma or the Postgraduate Certificate in Social Research may be considered for the award of the Postgraduate Diploma or Postgraduate Certificate and have his or her registration so transferred.

(Resolution not used)
22.1 Continuing Education

General Regulations

Certificate of Continuing Education

Entrance Requirements

22.1.1 Every candidate for admission to a course of study leading to the award of a Certificate of Continuing Education must offer qualifications and/or experience deemed appropriate by the relevant Board of Study.

Duration of Study

22.1.2 The Certificate of Continuing Education is offered on a part-time basis only. The period of study shall be not less than two academic sessions, and students shall attend as prescribed in the appropriate Schedule.

Course of Study

22.1.3 The course of study shall be as prescribed in the Schedules which follow these regulations. The Schedules may be amended from time to time by the Senate on the recommendation of the relevant Board of Study.

Curriculum

22.1.4 Candidates for the Certificate of Continuing Education shall be required to follow a prescribed course of instruction selected from the classes and in accordance with the regulations as set forth in the appropriate Schedule.

Attendance and Performance

22.1.5 Every candidate admitted to a course of study for a Certificate shall be required to attend regularly and to perform satisfactorily in the curriculum.
22.1.6 Candidates who in the opinion of the Head of the Department offering a class do not satisfy the requirements as to attendance and performance shall not be entitled to take the examination in the subject of that class and shall be so informed. The names of such candidates shall be reported immediately to the Board of Study concerned.

Examinations

22.1.7 There shall be a certificate examination for each class unless specified otherwise in the appropriate Schedule. A second diet of examinations may be held each academic year, at the discretion of the Board of Study. The performance of candidates shall be assessed by the Board of Examiners appointed by the Senate on the recommendation of the relevant Board of Study.

Progress

22.1.8 In order to proceed to the following year of the course, a candidate must obtain passes in the certificate examination as prescribed in the appropriate Schedule.
22.1.9 A candidate who at the first diet fails to pass any certificate examination may be permitted to resit the examination in which they have failed.
Termination and Withdrawal

22.1.10 A candidate who after two attempts at the examinations has failed to satisfy the regulations governing progress to the following year of the course may be required by the Board of Study to withdraw. A candidate who has been required to withdraw may appeal to the Board of Study for their case to be reconsidered on any of the following grounds:

(a) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made);

(b) that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; and

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

Any such appeal shall be supported by appropriate documentary evidence and shall be lodged in writing with the Academic Registrar not later than a date specified by the Board of Study and notified to the candidate in the letter informing the candidate that they are required to withdraw.

Award

22.1.11 A candidate who satisfies the requirements of the Ordinances governing the award of certificates and the provisions of these regulations shall be entitled to receive a Certificate of Continuing Education in which the course of study shall be set forth. The Certificate may be awarded with merit.

22.2 to 22.75 (Numbers not used)
Faculty of Humanities and Social Sciences

Certificate of Continuing Education in French

Course Regulations
[These regulations are to be read in conjunction with Regulation 22.1]

Admission
22.124.1 Applicants for admission to the course for the Certificate of Continuing Education in French must normally satisfy the General Entrance Requirement including passes in SCE Higher or GCE A level French. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course
22.124.2 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study
22.124.3 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum
22.124.4 All students shall undertake classes amounting to 120 credits as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1 109</td>
<td>Introduction to French 1A</td>
<td>1</td>
</tr>
<tr>
<td>R1 110</td>
<td>Introduction to French 1B</td>
<td>1</td>
</tr>
<tr>
<td>R1 203</td>
<td>French Language 2A</td>
<td>2</td>
</tr>
<tr>
<td>R1 204</td>
<td>French Language 2B</td>
<td>2</td>
</tr>
<tr>
<td>R1 210</td>
<td>Dealing with Difference in France and Francophone World</td>
<td>2</td>
</tr>
<tr>
<td>R1 305</td>
<td>French Language 3A</td>
<td>3</td>
</tr>
</tbody>
</table>

Examinations and Progress
22.124.5 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

22.124.6 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award
22.124.7 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.
Certificate of Continuing Education in Italian

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.124.11 Applicants for admission to the course for the Certificate of Continuing Education in Italian must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.124.12 The course is offered on a part-time basis only, normally over a period of three years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.124.13 The course will consist of approximately 200 lecture/tutorial hours comprising six classes each of a minimum of 30-36 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory.

Curriculum

22.124.14 All students shall undertake classes amounting to 120 credits as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>R3 114</td>
<td>Introduction to Italian 1A</td>
<td>1</td>
</tr>
<tr>
<td>R3 115</td>
<td>Introduction to Italian 1B</td>
<td>1</td>
</tr>
<tr>
<td>R3 208</td>
<td>Modern Italy – State, Culture and Society</td>
<td>2</td>
</tr>
<tr>
<td>R3 209</td>
<td>Italian Language 2A</td>
<td>2</td>
</tr>
<tr>
<td>R3 210</td>
<td>Italian Language 2B</td>
<td>2</td>
</tr>
<tr>
<td>R3 394</td>
<td>Italian Language 3A</td>
<td>3</td>
</tr>
</tbody>
</table>

Examinations and Progress

22.124.15 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6. The classes Introduction to Italian 1A, 2B and 3A are continuous assessment classes only.

22.124.16 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.124.17 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.
Certificate of Continuing Education in Spanish

Course Regulations
[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.124.21 Applicants for admission to the course for the Certificate of Continuing Education in Spanish must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.124.22 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.124.23 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.124.24 All students shall undertake classes amounting to 120 credits as follows:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4 109</td>
<td>Introduction to Spanish 1A</td>
<td>1</td>
</tr>
<tr>
<td>R4 110</td>
<td>Introduction to Spanish 1B</td>
<td>1</td>
</tr>
<tr>
<td>R4 200</td>
<td>Independence and Isolation in Spain and Latin America</td>
<td>2</td>
</tr>
<tr>
<td>R4 206</td>
<td>Spanish Language 2A</td>
<td>2</td>
</tr>
<tr>
<td>R4 207</td>
<td>Spanish Language 2B</td>
<td>2</td>
</tr>
<tr>
<td>R4 308</td>
<td>Spanish Language 3A</td>
<td>3</td>
</tr>
</tbody>
</table>

Examinations and Progress

22.124.25 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

22.124.26 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.124.27 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.
22.124.30  (Number not used)
Certificate of Applied Language Study in French  
Certificate of Applied Language Study in Italian  
Certificate of Applied Language Study in Spanish

Course Regulations
[These regulations are to be read in conjunction with Regulation 22.1]

Admission
22.124.31 Applicants for admission to the Certificate of Applied Language Study in French, in Spanish or in Italian must have been accepted onto the Modern Apprenticeship Framework scheme. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered.

Duration of Course
22..124.32 The courses are offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of a course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study
22.124.33 The courses consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum
22.124.34 All students shall undertake a curriculum based on the accumulation of no fewer than 114 credits as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Level</td>
<td>Credits</td>
<td>Level</td>
<td>Credits</td>
</tr>
<tr>
<td>French</td>
<td>FR 101</td>
<td>French A</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>FR 102</td>
<td>French B</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>FR 301</td>
<td>French E</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>FR 303</td>
<td>French G</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
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**Examinations and Progress**

22.124.35 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year.

22.124.36 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

**Award**

22.124.36 In order to qualify for the award of the Certificate of Applied Language Study in French or in Italian or in Spanish, a candidate must have accumulated no fewer than 114 credits.
Strathclyde Business School

22.92  Department of Economics

Economics

Certificate of Continuing Education in Economics

Course Regulations
[These regulations are to be read in conjunction with Regulation 22.1]

Admission
22.92.1 Candidates should normally satisfy the General Entrance Requirement, or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course
22.92.2 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable. The Board of Study may also permit a candidate to complete the course in a shorter period.

Nature of Study
22.92.3 The course consists of approximately 200 lecture hours comprising four 48 hour classes (or equivalent). In addition there are tutorials, assignments and directed reading.

Curriculum
22.92.4 All students shall undertake a curriculum approved by the Head of the Department of Economics and based on the list of classes offered in Regulation 9.21.34 under the subject heading Economics, as follows:

First Year
31 101  Economics

Second, Third and Fourth Years
Classes chosen with the approval of the Head of the Department of Economics from those listed in Regulation 9.21.34 Parts III under the subject heading Economics.

Examinations and Progress
22.92.5 Two diets of examinations shall be held in each academic year. Candidates will sit within each year of study the examinations appropriate to the class(es) taken in that year, unless excluded there from under the provisions of Regulation 22.1.6

22.92.6 (a) In order to proceed to the second year; a student must obtain passes in the class (or equivalent) taken in the first year.
(b) In order to proceed to the third year, a student must obtain passes in at least one of the classes (or equivalent) taken in the second year.
(c) In order to proceed to the fourth year, a student must obtain passes in at least three classes (or equivalent) of the approved curriculum.

**Award**

22.92.7 In order to qualify for the award of the Certificate candidates must have passed in all the classes of their curriculum.
23.1 Centre for Lifelong Learning

Open Studies Certificate

The Open Studies Certificate programme is a part-time credit-based modular programme of continuing personal education classes at undergraduate level. The ethos of liberal adult education underpins the philosophy and aims of the programme. The Certificate is offered in named pathways approved from time to time by Senate on the recommendation of the Board of Study.

The following regulations apply to students entering the programme in or after September 2009. Students who registered on the Open Studies Certificate programme before session 2009/10 and who are deemed by the Head of Lifelong Learning to have qualified for transfer into this course may be granted exemption from individual classes forming the curriculum of this course. A student exempted in this way will be credited with the normal number of credits for the class or classes from which exemption has been granted

General Regulations for the Open Studies Certificate

Admission

23.1.1 Applicants will normally be aged 21 years or over.

Mode and Duration of Study

23.1.2 The Open Studies Certificate is offered on a part-time basis only.
23.1.3 The minimum period of study is 2 semesters. Unless granted an extension of time by the Board of Study, a student who has not qualified for the award of the Certificate within a period of 8 semesters from the date of first registration may be required to withdraw.

23.1.4 Place of Study
See Regulation 11.1.7

Credit Transfer and Recognition of Prior Learning

23.1.5 Regulation 11.1.2, where exemption is granted this shall normally not exceed 10 credits.
23.1.6 A student who has previously withdrawn from the programme may, at the discretion of the Head of Lifelong Learning, be permitted within two years of the student's date of withdrawal to re-enter the programme with exemption from those classes for which the student had previously been awarded credit.

Course Structure and Curriculum

23.1.7 See Regulations 11.1.8 – 11.1.21. At the discretion of the Head of Lifelong Learning, any class may be withdrawn in any given year, if it is deemed that insufficient numbers of students have enrolled for that class: such withdrawal will be notified as soon as is practical and not later than the end of the first week of the relevant semester.

Attendance and Performance

23.1.8 See Regulation 11.1.22
Assessment
23.1.9 See Regulations 11.1.26-11.1.35

Award of Credits
23.1.10 See Regulation 11.1.39

Progress of Students
23.1.11 See Regulation 11.1.40

Suspension and Withdrawal
23.1.12 See Regulations 11.1.44, 11.1.47 – 11.1.49

Appeals against Suspension and Withdrawal
23.1.13 See Regulations 11.1.52 – 11.1.55.

Award
23.1.14 A student who satisfies the requirements of the Ordinances governing the award of certificates and the provisions of the regulations as set forth in the Schedule shall be entitled to receive an Open Studies Certificate setting forth the course of study in which the Certificate has been granted.

23.2 to 23.10 (Numbers not used)
Open Studies

Open Studies Certificate (Named Pathway specified in Regulation 23.11.2)

Course Regulations
[These regulations are to be read in conjunction with Regulation 23.1].

Course Entrance Requirements
23.11.1 See Regulation 23.1.1

Certificate Structure
23.11.2 The Open Studies Certificate can be awarded in any of the following Pathways:

Open Studies Certificate (Applied Arts)
Open Studies Certificate (Applied Writing)
Open Studies Certificate (Coaching)
Open Studies Certificate (Cultural and Literary Studies)
Open Studies Certificate (Genealogical Studies)
Open Studies Certificate (Language Studies)
Open Studies Certificate (Theatre Arts)

In the case of Open Studies Certificate (Language Studies), the Certificate may be awarded in a specified language.

Curriculum
23.11.3 Having selected a subject area, all students will take classes amounting to no fewer than 20 credits from that pathway, with the remaining 10 taken from any of the classes listed in Regulation 23.11.4.

List of Approved Classes

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</table>
OS 273  Hindi Stage 3  1  10
OS 276  Urdu Stage 2  1  10
OS 277  Urdu Stage 3  1  10
OS 281  Greek 1  1  10

Theatre Arts
OS 629  Acting 1  1  10
OS 630  Acting 2  1  10
OS 631  Acting 3  1  10
OS 632  Acting 4  1  10
OS 633  Acting in Shakespeare  1  10
OS 634  The Art of Directing  1  10
OS 635  Finding Your Voice  1  10
OS 636  Stand-up Comedy 1  1  10
OS 637  Stand-up Comedy 2  10
OS 638  How to Write for Stage and Screen  1  10
OS 639  How to Write for Film
OS 640  Advanced Writing for Film and Screen  1  10

Progress
23.11.5  Students may progress to the following year of study without the requirement to pass all classes in the previous year. This allows for the broad range of subjects on offer to be taken by student.

Award
23.11.6  In order to qualify for the award of the Open Studies Certificate, a student must have accumulated no fewer than 30 credits.
Changes and restrictions are made from time to time and the University reserves the right to add, amend or withdraw courses and facilities, to restrict student numbers and to make any other alterations, as it may deem necessary and desirable. Changes are published by incorporation in the next edition of the Course Regulations.

Any queries about the contents of the Course Regulations should be directed to the Academic Quality Officer, Education Enhancement, University of Strathclyde, Glasgow G1 1XQ (Telephone 0141 548 4967).