

General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2014-15

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General and Course Regulations for Graduate and Postgraduate Awards and Degrees 2014-15

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

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CONTENTS LIST

18.1	General Regulations for Graduate Diplomas and other Courses Requiring Graduate Entry	2
	Faculty of Engineering	8
18.46	Department of Electronic and Electrical Engineering	8
	Graduate Diploma in Electronic and Electrical Engineering Systems (Conversion Course)	8
	Graduate Diploma in Information Technology Systems (Conversion Course)	9
	Faculty of Humanities and Social Sciences	11
	Professional Graduate Diploma in Education (Primary)	11
	Professional Graduate Diploma in Education (Secondary)	11
	Professional Graduate Diploma in Education (Adult Literacies)	21
	Graduate Diploma in English Studies	22
	English Language Teaching Division	23
	Graduate Diploma in English for Postgraduate Study	23
19.1	General Regulations for Postgraduate Awards by Instruction	26
	Faculty of Science	34
19.12	Department of Chemistry, Pure and Applied	34
	MSc in Forensic Science	34
	MSc in Forensic Science Studies	35
	MSc in Forensic Science (Distance Learning)	36
	Msc in Medicinal Chemistry	39
19.13	Department of Computer and Information Sciences	41
	MSc in Information and Library Studies	41
	MSc in Information Management	42
	MSc in Advanced Computer Science	43
	MSc in Advanced Software Engineering	43
	MSc in Enterprise Information Systems	43
	MSc in Mobile Computing	43
19.15	Department of Mathematics and Statistics	45
	MSc in Mathematical Sciences	45
	MSc in Quantitative Finance	46
19.17	Department of Physics	49
	MSc in Advanced Physics	49
	MSc in High Power RF Science and Engineering	50
	MSc in Nanoscience	51
	MSc in Optical Technologies	523
	MSc in Photonics and Device Microfabrication	555
	MSc in Quantum Information and Coherence	566
	MSc Applications of Next Generation Accelerators	58
	MSc in Applied Physics	59

19.22	Strathclyde Institute of Pharmacy and Biomedical Sciences	61
	MSc in the Analysis of Medicines	61
	MSc in Clinical Pharmacy	63
	MSc in Pharmaceutical Analysis	64
	MSc in Pharmaceutical Quality and Good Manufacturing Practice	66
	MSc in Biomedical Sciences	68
	MSc in Biotechnology	70
	MSc in Pharmaceutical Sciences	71
	MSc in Advanced Pharmaceutical Manufacturing	72
	Collaborative MSc in Industrial Biotechnology	74
	Practice Certificate in Independent Prescribing	76
	Validated Courses	78
	Department of Chemistry, Pure and Applied	78
	Forensic Science Society Professional MSc	78
19.24	Strathclyde Institute of Global Public Health (SIGPH)	81
	MSc in Global Public Health	81
	Faculties of Science and Engineering: Joint Courses	848
	MSc in System Level Integration	848
	MSc in Information Technology Systems	848
	Faculty of Engineering	
19.40	Faculty Postgraduate Programme in Sustainable Engineering	86
	MSc in Sustainable Engineering	86
	Postgraduate Certificate in Engineering	89
	MSc in Engineering Project Management	90
19.41	Department of Architecture	92
	MSc in Advanced Architectural Studies	92
	MArch in Advanced Architectural Design	93
	Postgraduate Diploma in Architectural Studies	95
	MSc in Urban Design	96
	Postgraduate Certificate in Building Design and Management for Sustainability	99
	MSc in Architectural Design for the Conservation of Built Heritage	100
	MArch in Advanced Architectural Design	102
19.42	Department of Biomedical Engineering	100
	MSc in Biomedical Engineering	100
	MSc in Medical Devices	101
	Postgraduate Certificate in Medical Technology	103
	MSc in Rehabilitation Studies	104
	MSc Prosthetics Rehabilitation Studies	104
	MSc Orthotics Rehabilitation Studies	104
	MSc Prosthetics and Orthotics Rehabilitation Studies	104
19.43	Department of Chemical and Process Engineering	107
	MSc in Chemical Technology and Management	107
	MSc in Process Technology and Management	107

	MSc in Advanced Chemical and Process Engineering	109
19.44	Department of Civil and Environmental Engineering	112
	Postgraduate Diploma in Construction Management	112
	MSc in Environmental Engineering	113
	MSc in Environmental Entrepreneurship	118
	MSc in Environmental Forensics	120
	MSc in Civil Engineering	119
	MSc in Civil Engineering with Structural Engineering and Project Management	119
	MSc in Civil Engineering with Geotechnical Engineering and Project Management	119
	MSc in Civil Engineering with Geoenvironmental Engineering and Project Management	119
	Postgraduate Certificate in Integrated Pollution Prevention and Control	12522
	Postgraduate Certificate in Geoenvironmental Engineering	12623
	Postgraduate Certificate in Climate Change Adaption	12724
	MSc in Geotechnics	12825
	MSc in Global Water Sustainability	13027
	MSc in Environmental Health	13229
	MSc in Sustainability and Environmental Studies	13431
	Postgraduate Diploma in Science, Technology and Sustainability	133
	MSc in Environmental Science	13734
	MSc in Hydrogeology	13936
	Postgraduate Programme in Civil and Environmental Engineering via Open Access	138
	MSc in Civil Engineering with Industrial Placement	145
19.45	Department of Design, Manufacture and Engineering Management	14844
	MSc in Computer Aided Engineering Design	14844
	MSc in Mechatronics and Automation	15046
	MSc in Digital Creativity	15248
	MSc in Operations Management in Engineering	15349
	MSc in Systems Engineering	155
	Supply Chain and Operations Management Programme (UK)	152
	MSc in Supply Chain and Operations Management	15652
	MSc in Supply Chain and Logistics Management	15652
	MSc in Supply Chain and Procurement Management	15652
	Supply Chain and Operations Management Programme (UAE)	154
	MSc in Supply Chain and Operations Management	15854
	MSc in Supply Chain and Logistics Management	15854
	MSc in Supply Chain and Procurement Management	15854
	MSc in Global Innovation Management	16157
	Postgraduate Diploma in Global Innovation Management	16460
	MSc in Lean Six Sigma for Process Excellence	16460
	MSc in Product Engineering Design	1662
	MSc in Advanced Manufacturing: Technology and Systems	16763
	MSc in Advanced Manufacturing: Forging and Forming	16763
19.46	Department of Electronic and Electrical Engineering	17066
	MSc in Communications, Control and Digital Signal Processing	17066
	MSc in Electrical Power Engineering with Business	17167
	MSc in Electricity Industry Management and Technology	17369
	MSc in Electronic and Electrical Engineering	17571
	MSc in Signal Processing	173
	MSc in Communications Technology and Policy	17975
	MSc in Wind Energy Systems	176
	MSc in Advanced Electrical Power Engineering	178
19.47	Department of Mechanical and Aerospace Engineering	18581

MSc in Power Plant Engineering	18581
MSc in Power Plant Technologies	18682
MSc in Advanced Mechanical Engineering	18884
MSc in Advanced Mechanical Engineering with Aerospace	184
MSc in Advanced Mechanical Engineering with Energy Systems	184
MSc in Advanced Mechanical Engineering with Materials	184
MSc in Advanced Mechanical Engineering with Power Plant Technologies	184

19.49	Department of Naval Architecture, Ocean and Marine Engineering	Error! Bookmark not defined.87
	MSc in Marine Engineering	19187
	MSc in Technical Ship Management	19288
	MSc in Offshore Floating Systems	19490
	MSc in Subsea Engineering	19591
	MSc in Ship and Offshore Structures	19793
	MSc in Ship and Offshore Technology	19894
	Graduate Diploma in Ocean and Marine Engineering	199

Strathclyde Business School **20398**

19.80	Faculty Courses	20398
	Postgraduate Diploma in Research Methodology in Business and Management	20398
	Postgraduate Diploma in Research Methodology in Business and Management with Specialisation in Risk and Reliability	20398
	MSc in Procurement Management	200
19.81	Department of Accounting and Finance	202
	MSc in Finance	202
	MSc in International Accounting and Finance	204
	MSc in International Banking and Finance	206
	MSc in Investment and Finance	208
19.82	Department of Economics	210
	MSc in Applied Economics	210
	MSc in Global Energy Management	212
	MSc in Leadership for Global Sustainable Cities	214
	MSc in Economics and Finance	215
19.84	Department of Human Resource Management	217
	MSc in Human Resource Management	217
	Postgraduate Certificate in Equality in Pay and Reward	218
	MSc in International Human Resource Management	219
	MSc in Hospitality and Tourism Leadership	221
19.92	Department of Strategy and Organisation	22923
	Master of Business Administration	22923
	Master of Business Administration with Specialisation in Leadership Studies	22923
	Postgraduate Diploma in Business	233
	Postgraduate Certificate in Management	23528
	MSc in Business and Management	23630
	MSc in International Management	23933
19.93	Department of Management Science	24135
	MSc in Operational Research	24135
	MSc in Business Analysis and Consulting	24337

19.94 Department of Marketing	24539
MSc in Marketing	24539
MSc in Marketing with Specialisation in Customer Management	24539
MSc in International Marketing	24741
MSc in International Management with Specialisation in Customer Management	24741
MSc in Tourism Marketing Management	244

Faculty of Humanities and Social Sciences

Error! Bookmark not defined.46

19.120 Faculty Courses	246
Master of Education (MEd) degree portfolio	246
Master of Education	246
Postgraduate Certificate in Philosophy with Children	262
Postgraduate Certificate in Supporting Bi-Lingual Learners in the Mainstream Classroom	262
Postgraduate Certificate in Supporting Teacher Learning	284
Postgraduate Certificate in Securing Children's Futures	294
19.121 School of Education	
MSc in Applied Educational and Social Research	289
MSc in Chartered Teacher Studies	292
MSc in Genealogical, Palaeographic and Heraldic Studies	300
MSc in Safety and Risk Management	30189
Postgraduate Diplomas and Associated Postgraduate Certificates	295
Advanced Academic Studies (Part-time)	295
19.122 MSc in Counselling	
Error! Bookmark not defined.98	
MSc in Person-Centred Counselling	299
MSc in Psychoanalytic Observation and Reflective Practice: Therapeutic Work with Children and Young People	301
Postgraduate Certificate in Counselling Skills	303
Postgraduate Certificate in Motor Speech Disorders	304
MSc in Counselling Psychology	305
MSc in Family Therapy and Systemic Practice	306
MSc in Advanced Residential Child Care	308
MSc in Social Services Management	309
19.123 MLitt in Literature, Culture and Place	311
MSc in Health History	313
MSc in The North Atlantic World c900 – c1800	314
MSc in Historical Studies	316
MSc in Social and Cultural History	318
MSc in Investigative Journalism	319
MLitt in Renaissance Studies	320
MLitt in International Journalism	322
MLitt in Digital Journalism	323
MLitt in Literary Journalism	324
19.128 Law	327

LLM in Construction Law	327
LLM in Internet, Law and Policy	33358
LLM in Information Technology and Telecommunications Law	330
LLM in Human Rights Law	333
LLM in International Economic Law	334
LLM in International Law and Sustainable Development	336
LLM in Mediation and Conflict Resolution	338
MSc in Mediation and Conflict Resolution	338
Postgraduate Diploma in Professional Legal Practice	340
LLM in Criminal Justice & Penal Change	342
MSc in Criminal Justice & Penal Change	342
LLM in Professional Legal Practice	344
LLM in Advocacy Studies	35245
LLM in Employment and Labour Law Studies	347
MSc in Employment and Labour Law Studies	347
LLM in Climate Change Law and Policy	349
19.131 Politics	351
MSc in Public Policy	351
MSc in Political Research	353
MSc in European Public Policy	354
MSc in International Public Policy	356
MSc in International Politics and Organisations	357
19.132 Psychology	36659
MSc in Educational Psychology	36659
MSc in Research Methods in Psychology	36760
MSc Clinical Health Psychology	361
19.133 Social Work	37063
Master of Social Work	37063
MSc in Community Care	372
Postgraduate Certificate in Mental Health Social Work	37368
MSc in Child and Youth Care Studies	
19.134 Sociology	37770
MSc in Social Research	37770
MSc in Refugee and Migration Studies (Social Research)	37871
MSc in Media and Communication Research	38073
19.135 Education	
Postgraduate Diploma in Gaelic Immersion for Teachers	375
19.150 Researcher Professional Development	
Postgraduate Certificate in Researcher Professional Development	377
Postgraduate Study and Research	38578
20 Regulations for Higher Degrees	38579
20.1 General Regulations for the Degrees of Doctor of Philosophy and Doctor of Engineering	38679
20.2 General Regulations for Professional Doctorate degrees	39386
20.3 General Regulations for Master of Philosophy Degrees	39992
20.4 General Regulations for Master of Research Degrees	40497
20.5 Regulations for the Degree of Doctor of Science and the Degree of Doctor of Letters	40410
20.6 Format and Submission of Theses	404
20.7 Institutions in a Special Relationship with the University	408

20.15	Department of Mathematics and Statistics	409
	MRes in Mathematical Sciences	409
20.17	Department of Physics	411
	MRes in Physics	411
20.18	PhD in Applications of Next Generation Accelerators	412
20.22	Strathclyde Institute of Pharmacy and Biomedical Sciences	413
	MRes in Biochemistry	415
	MRes in Immunology	415
	MRes in Microbiology	415
	MRes in In Vivo Sciences	415
	MRes in Neuroscience	415
	MRes in Parasitology	415
	MRes in Pharmacology	415
	MRes in Drug Delivery Systems	417
	MRes in Drug Discovery	417
	MRes in Toxicology	417
	MRes in Clinical Pharmacy	419
	Doctor of Pharmacy	420
Faculties of Science and Engineering: Joint Courses		422
	Doctor of Engineering in Photonics	422
	Doctor of Engineering in System Level Integration	422
	Doctor of Engineering in Sensors and Imaging Systems	434
Faculty of Engineering		423
20.40	Faculty Courses	423
	MRes in Engineering	423
	Doctor of Engineering (EngD) in Nuclear Engineering	424
	Doctor of Engineering in Sensors and Imaging Systems	427
20.41	Department of Architecture	428
	Master of Research in Building Design and Management for Sustainability	428
20.42	Department of Bioengineering	430
	MRes in Biomedical Engineering	430
	Doctor of Engineering (EngD) in Medical Devices	431
	MRes in Medical Technology	433
20.44	Department of Civil and Environmental Engineering	435
	MRes in Geoenvironmental Engineering	435
	MRes in Integrated Pollution Prevention and Control	436
	MRes in Climate Change Adaptation	438
20.45	Department of Design Manufacture and Engineering Management	440
	Doctor of Engineering (EngD) in Systems Engineering	440
	Doctor of Engineering (EngD) in Advanced Manufacturing: Forging and Forming	442
20.46	Department of Electronic and Electrical Engineering	444
	MRes in Wind Energy Systems	444

Strathclyde Business School	446
20.80 Faculty Courses	446
Doctor of Business Administration	446
MRes in Research Methodology in Business and Management	447
MRes in Research Methodology in Business and Management (Risk and Reliability)	447
Faculty of Humanities and Social Sciences	450
20.120 Faculty Courses	450
Master of Research (MRes)	450
Doctor of Education (EdD)	451
Professional Doctorate in Counselling Psychology	453
20.132 School of Psychological Sciences and Health	454
Doctor of Educational Psychology	454
MRes in Social Research	455
Continuing Education	457
22.1 Continuing Education	457
Certificate of Continuing Education	457
Faculty of Humanities and Social Sciences	459
Certificate of Continuing Education in French	459
Certificate of Continuing Education in Italian	460
Certificate of Continuing Education in Spanish	461
Certificate of Applied Language Study in French	462
Certificate of Applied Language Study in Italian	462
Certificate of Applied Language Study in Spanish	462
22.3 Centre for Lifelong Learning	464
Open Studies Certificate	464
Strathclyde Business School	47470
22.92 Department of Economics	48070
Certificate of Continuing Education in Economics	48070

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:

Award	Credit Requirements	Minimum Level Requirement
Graduate Diploma	120	Graduate entry and 90 credits at Level 4
Professional Graduate Diploma	minimum 120	Graduate entry and all credits at Level 4

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.

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

Graduate Diploma in Electronic and Electrical Engineering

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 120 credits as follows:

Compulsory Class	Level	Credits
EE 420 Individual Project	4	40

Optional Classes

80 credits chosen from the list in Regulation 18.46.5

Optional classes must incorporate no fewer than 60 credits at Level 4 or above.

Optional Classes at Levels 3 and 4

EE 315	Analogue and Digital System Design	3	20
EE 317	Renewable Energy Technologies	3	20
EE 466	Power Electronics, Machines and Applications	4	20
EE 467	Power System Design, Operation and Protection	4	20
EE 468	Analogue Systems	4	20
EE 469	Digital Signal Processing Principles	4	20
EE 470	Information Transmission and Security	4	20
EE 471	Communications Networks	4	20
EE 472	Control Principles	4	20
EE 473	Photonic Systems	4	20

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

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 Individual Project.

18.46.6 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

18.46.7 **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits with at least 100 credits from Level 4 or above of which 40 must have been awarded in respect of the Individual Project.

18.46.8
to 18.46.10 (Numbers not used.)

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

18.46.11 Regulation 18.1.1 shall apply.

Duration of Study

18.46.12 Regulations 18.1.5 and 18.1.6 shall apply.

Mode of Study

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

Curriculum

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

Compulsory Class	Level	Credits
EE 400 Dissertation	4	30

Optional Classes

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

	Level	Credits
19 205 Analogue Electronics	2	10
19 206 Digital Electronics	2	10
19 267 Electronic Processing Systems 2	2	10
19 313 Signals and Systems	3	10
19 325 Communications	3	10

19 343	Electronic CAD Project 1	3	10
19 345	Analogue Electronics 3	3	10
19 359	Electronic Processing Systems 3	3	10
19 449	Computer Vision	4	10
19 511	Mobile Communication Systems	4	10
19 980	Microcontroller Applications	4	10
19 981	Digital Signal Processing	4	10
19 983	Advanced Microprocessing Design and Neurocomputing	4	10
19 984	Photonic Systems	4	10
19 989	Information Transmission and Security	4	10
19 990	Communication Networks	4	10
53 202	Statistics for Engineers	2	10
56 103	Fundamentals of Engineering Management	1	10
56 201	Fundamentals of E-Business	2	10
56 205	Facilities Management	2	10
56 206	Management of Design Process	2	10
56 304	Engineering Economics	3	10
56 310	Sales Purchasing and Marketing	3	10
56 315	Managing People	3	10
EE 401	Engineering Analysis	4	10
EE 402	VHDL	4	10
Z1 104	Entrepreneurship: Introduction to Business Start-up	1	10

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:

Compulsory Classes		Level	Credits
X9 917	Pedagogy and Placement Learning 1A	4	40
together with			
X9 909	Educational Studies 1	4	40
or			
X9 518	Educational Studies 2	5	40
and either			
X9 900	Pedagogy and Curriculum for Primary 1	4	40
or			
X9 516	Pedagogy and Curriculum for Primary 2	5	40

Curriculum: Primary Specialism in the Gaelic Medium

18.122.12 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
X9 818	Pedagogy and Placement Learning (Gaelic Medium) 1B	4	40
together with			
X9 903	Pedagogy and Curriculum for Primary (Gaelic Medium) 1	4	40
or			
X9 517	Pedagogy and Curriculum for Primary (Gaelic Medium) 2	5	40
and either			
X9 909	Educational Studies 1	4	40
or			
X9 518	Educational Studies 2	5	40

Curriculum: Secondary Specialism

18.122.13 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
X9 917	Pedagogy and Placement Learning 1A	4	40
and either			
X9 909	Educational Studies 1	4	40
or			
X9 518	Educational Studies 2	5	40

together with classes in the chosen subject specialisation

Art and Design

X9 912	Pedagogy and Curriculum Art and Design 1	4	40
or			
X9 519	Pedagogy and Curriculum Art and Design 2	5	40

Biology with Science

X9 920	Pedagogy and Curriculum Biology with Science 1	4	40
or			
X9 520	Pedagogy and Curriculum Biology with Science 2	5	40

Business Education

X9 922	Pedagogy and Curriculum Business Education 1	4	40
or			
X9 521	Pedagogy and Curriculum Business Education 2	5	40

Chemistry with Science

X9 923	Pedagogy and Curriculum Chemistry with Science 1	4	40
or			
X9 522	Pedagogy and Curriculum Chemistry with Science 2	5	40

Computing

X9 924	Pedagogy and Curriculum Computing 1	4	40
or			
X9 523	Pedagogy and Curriculum Computing 2	5	40

Drama

X9 926	Pedagogy and Curriculum Drama 1	4	40
or			
X9 524	Pedagogy and Curriculum Drama 2	5	40

English

X9 928	Pedagogy and Curriculum English 1	4	40
or			
X9 525	Pedagogy and Curriculum English 2	5	40

Gaelic

X9 929	Pedagogy and Curriculum Gaelic 1	4	40
or			
X9 526	Pedagogy and Curriculum Gaelic 2	5	40

Geography

X9 930	Pedagogy and Curriculum Geography 1	4	40
or			
X9 527	Pedagogy and Curriculum Geography 2	5	40

History

X9 931	Pedagogy and Curriculum History 1	4	40
or			
X9 528	Pedagogy and Curriculum History 2	5	40

Home Economics

X9 933	Pedagogy and Curriculum Home Economics 1	4	40
or			
X9 529	Pedagogy and Curriculum Home Economics 2	5	40

Mathematics

X9 934	Pedagogy and Curriculum Mathematics 1	4	40
or			
X9 530	Pedagogy and Curriculum Mathematics 2	5	40

Modern Languages (French)

X9 935 Pedagogy and Curriculum Modern Languages (French) 1 4 40

or

X9 531 Pedagogy and Curriculum Modern Languages (French) 2 5 40

Modern Languages (German)

X9 939 Pedagogy and Curriculum Modern Languages (German) 1 4 40

or

X9 532 Pedagogy and Curriculum Modern Languages (German) 2 5 40

Modern Languages (Italian)

X9 940 Pedagogy and Curriculum Modern Languages (Italian) 1 4 40

or

X9 533 Pedagogy and Curriculum Modern Languages (Italian) 2 5 40

Modern Languages (Spanish)

X9 944 Pedagogy and Curriculum Modern Languages (Spanish) 1 4 40

or

X9 534 Pedagogy and Curriculum Modern Languages (Spanish) 2 5 40

Modern Languages (French and German)

X9 700 Pedagogy and Curriculum Modern Languages (French and German) 1 4 40

X9 535 Pedagogy and Curriculum Modern Languages (French and German) 2 5 40

Modern Languages (French and Italian)

X9 707 Pedagogy and Curriculum Modern Languages (French and Italian) 1 4 40

or

X9 536 Pedagogy and Curriculum Modern Languages (French and Italian) 2 5 40

Modern Languages (French and Spanish)

X9 748 Pedagogy and Curriculum Modern Languages (French and Spanish) 1 4 40

or

X9 537 Pedagogy and Curriculum Modern Languages (French and Spanish) 2 5 40

Modern Languages (German and French)

X9 749 Pedagogy and Curriculum Modern Languages

	(German and French) 1	4	40
or			
X9 538	Pedagogy and Curriculum Modern Languages (German and French) 2	5	40
<i>Modern Languages (Spanish and French)</i>			
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
<i>Modern Studies</i>			
X9 751	Pedagogy and Curriculum Modern Studies 1	4	40
or			
X9 540	Pedagogy and Curriculum Modern Studies 2	5	40
<i>Music</i>			
X9 752	Pedagogy and Curriculum Music 1	4	40
or			
X9 541	Pedagogy and Curriculum Music 2	5	40
<i>Physics with Science</i>			
X9 753	Pedagogy and Curriculum Physics with Science 1	4	40
or			
X9 542	Pedagogy and Curriculum Physics with Science 2	5	40
<i>Physical Education</i>			
X9 754	Pedagogy and Curriculum Physical Education 1	4	40
or			
X9 543	Pedagogy and Curriculum Physical Education 2	5	40
<i>Religious Education</i>			
X9 755	Pedagogy and Curriculum Religious Education 1	4	40
or			
X9 544	Pedagogy and Curriculum Religious Education 2B	5	40
<i>Technological Education</i>			
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
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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
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or				
X9 552	Pedagogy and Curriculum Geography (Gaelic Medium) 2	5	40	
	<i>History (Gaelic Medium)</i>			
X9 764	Pedagogy and Curriculum History (Gaelic Medium) 1	4	40	
or				
X9 553	Pedagogy and Curriculum History (Gaelic Medium) 2	5	40	
	<i>Home Economics (Gaelic Medium)</i>			
X9 765	Pedagogy and Curriculum Home Economics (Gaelic Medium) 1	4	40	
and				
X9 554	Pedagogy and Curriculum Home Economics (Gaelic Medium) 2	5	40	
	<i>Mathematics (Gaelic Medium)</i>			
X9 766	Pedagogy and Curriculum Mathematics (Gaelic Medium) 1	4	40	
or				
X9 555	Pedagogy and Curriculum Mathematics (Gaelic Medium) 2	5	40	
	<i>Modern Languages (French) (Gaelic Medium)</i>			
X9 767	Pedagogy and Curriculum Modern Languages (French) (Gaelic Medium) 1	4	40	
or				
X9 556	Pedagogy and Curriculum Modern Languages (French) (Gaelic Medium) 2	5	40	
	<i>Modern Languages (German) (Gaelic Medium)</i>			
X9 768	Pedagogy and Curriculum Modern Languages (German) (Gaelic Medium) 1	4	40	
or				
X9 557	Pedagogy and Curriculum Modern Languages (German) (Gaelic Medium) 2	5	40	
	<i>Modern Languages (Italian) (Gaelic Medium)</i>			
X9 769	Pedagogy and Curriculum Modern Languages (Italian) (Gaelic Medium) 1	4	40	
or				
X9 558	Pedagogy and Curriculum Modern Languages (Italian) (Gaelic Medium) 2	5	40	
	<i>Modern Languages (Spanish) (Gaelic Medium)</i>			
X9 770	Pedagogy and Curriculum Modern Languages (Spanish) (Gaelic Medium) 2	4	40	
or				
X9 559	Pedagogy and Curriculum Modern Languages (Spanish) (Gaelic Medium) 2	5	40	

<i>Modern Languages (French and German) (Gaelic Medium)</i>			
X9 771	Pedagogy and Curriculum Modern Languages (French and German) (Gaelic Medium) 1	4	40
or			
X9 560	Pedagogy and Curriculum Modern Languages (French and German) (Gaelic Medium) 2	5	40
<i>Modern Languages (French and Italian) (Gaelic Medium)</i>			
X9 772	Pedagogy and Curriculum Modern Languages (French and Italian) (Gaelic Medium) 1	4	40
or			
X9 561	Pedagogy and Curriculum Modern Languages (French and Italian) (Gaelic Medium) 2	5	40
<i>Modern Languages (French and Spanish) (Gaelic Medium)</i>			
X9 773	Pedagogy and Curriculum Modern Languages (French and Spanish) (Gaelic Medium) 1	4	40
or			
X9 562	Pedagogy and Curriculum Modern Languages (French and Spanish) (Gaelic Medium) 2	5	40
<i>Modern Languages (German and French) (Gaelic Medium)</i>			
X9 774	Pedagogy and Curriculum Modern Languages (German and French) (Gaelic Medium) 1	4	40
or			
X9 563	Pedagogy and Curriculum Modern Languages (German and French) (Gaelic Medium) 2	5	40
<i>Modern Languages (Spanish and French) (Gaelic Medium)</i>			
X9 775	Pedagogy and Curriculum Modern Languages (Spanish and French) (Gaelic Medium) 1	4	40
or			
X9 564	Pedagogy and Curriculum Modern Languages (Spanish and French) (Gaelic Medium) 2	5	40
<i>Modern Studies (Gaelic Medium)</i>			
X9 776	Pedagogy and Curriculum Modern Studies (Gaelic Medium) 1	4	40
or			
X9 565	Pedagogy and Curriculum Modern Studies (Gaelic Medium) 2	5	40
<i>Music (Gaelic Medium)</i>			
X9 777	Pedagogy and Curriculum Music (Gaelic Medium) 1	4	40
or			
X9 566	Pedagogy and Curriculum Music (Gaelic Medium) 2	5	40
<i>Physics with Science (Gaelic Medium)</i>			
X9 778	Pedagogy and Curriculum Physics with Science		

	(Gaelic Medium) 1	4	40
or			
X9 567	Pedagogy and Curriculum Physics with Science (Gaelic Medium) 2	5	40
<i>Physical Education (Gaelic Medium)</i>			
X9 779	Pedagogy and Curriculum Physical Education (Gaelic Medium) 1	4	40
or			
X9 568	Pedagogy and Curriculum Physical Education (Gaelic Medium) 2	5	40
<i>Religious Education (Gaelic Medium)</i>			
X9 780	Pedagogy and Curriculum Religious Education (Gaelic Medium) 1	4	40
or			
X9 569	Pedagogy and Curriculum Religious Education (Gaelic Medium) 2	5	40
<i>Technological Education (Gaelic Medium)</i>			
X9 781	Pedagogy and Curriculum Technological Education (Gaelic Medium) 1	4	40
or			
X9 570	Pedagogy and Curriculum Technological Education (Gaelic Medium) 2	5	40

Examination, Progress and Final Assessment

- 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:

Compulsory Classes		Level	Credits
X7 868	Making Mental Models of Literacies and Learning 2	4	30
X7 869	The Enabling Net of Support for Literacies Learners 2	4	30
X7 870	Expanding our Repertoire of Literacies Teaching and Learning Strategies 2	4	30
X7 871	Learning Worlds and Literacies 2	4	30

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:

Compulsory Classes		Level	Credits
Unit 1			
AF 401	English Language Skills	4	10
AF 402	Reading and Writing Skills	4	10
AF 403	English for Academic Purposes	4	10
AF 404	Effective Study Skills	4	10
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.

18.123.17 The final overall assessment will be based on the aggregated results achieved in each of the 12 classes.

Award

18.123.18 **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.

18.124 to

18.127 (Numbers not used)

Postgraduate Study

19

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

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

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

Master in Management (MiM)
Master of Architecture (MArch)
Master of Arts (MA)
Master of Business Administration (MBA)
Master of Communications Management (MCM)
Master of Education (MEd)
Master of Environmental Studies (MEnvS)
Master of Laws (LLM)
Master of Letters (MLitt)
Master of Science (MSc)
Master of Technology Management (MTM)

Taught Diplomas and Certificates

Postgraduate Diploma, Postgraduate Certificate

Notes

- 1 *Decisions on admission are taken by Course Directors (or nominee)*
- 2 *Decisions on awards are taken by Boards of Study on behalf of the Senate.*
- 3 *All decisions taken by the Boards of Study, acting on behalf of Senate, shall subsequently be reported to Senate.*
- 4 *All decisions taken by Boards of Examiners acting on behalf of the relevant Board of Study shall subsequently be reported to that Board.*
- 5 *Where reference is made in Regulations to information in Course Handbooks, that information shall have been approved by the relevant Board of Study.*
- 6 *In interpreting these regulations, regard should be 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:

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

Notes:

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

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

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

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

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

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

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

19.1.17 The University cannot guarantee that all optional classes will be available in any given academic year. The choice of classes may be subject to constraints of timetabling and may also be influenced by professional requirements as well as by a student's entrance qualifications or pre-requisite classes passed.

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

Dissertation

19.1.19 Where a dissertation is required, a student will normally be expected to have performed to the satisfaction of the Board of Examiners in the taught components of the course before being permitted to proceed to the dissertation. The dissertation shall be of a length and standard approved by the Board of Study and shall normally be submitted by a date approved by the Board of Study and published in the appropriate Course Handbook.

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

Attendance and Performance

- 19.1.21 Every applicant admitted to a course of study shall be required to attend regularly and to perform satisfactorily the work of each class in their curriculum.
- 19.1.22 A student has an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.
- 19.1.23 A student who, in the opinion of the Head(s) of the Department(s) offering a class and the relevant Vice Dean Academic, does not satisfy the requirements as to attendance and to performance and having been informed in writing, shall not be entitled to take the examination in the subject of that class and shall be so informed.
- 19.1.24 Notwithstanding Regulation 19.1.23, a student may subsequently be permitted by the Course Director (or nominee) to take the examination in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

Examinations and Assessment

- 19.1.25 The Board of Examiners shall consist of not less than four persons including an External Examiner and academic staff responsible for the conduct of the course. It shall normally meet under the Convenership of the Course Director or Head of Department.
- 19.1.26 A student shall normally complete the assessments during the academic year in which the classes were undertaken unless permitted by the relevant Board of Study to postpone the assessment.
- 19.1.27 Classes shall be assessed by
 (i) coursework assignments; or
 (ii) written examinations; or
 (iii) oral examinations; or
 (iv) any combination of the above
 unless specified otherwise in the relevant Course Handbook.
- 19.1.28 Except where a course includes an integrative/reflective class that will draw on work in other classes, each item of work may only be assessed in one class.
- 19.1.29 Candidates are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and in the case of candidates for the degree of Master, in the dissertation or project.
- 19.1.30 A student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide. The nature of re-assessment shall be identified in module descriptors and/or Course Handbooks. The attempt shall normally be made at the next available diet of examinations.
 Exceptionally, candidates for taught masters degrees who fail to satisfy the Board of Examiners may, in the light of their overall performance and subject to the approval of the Board of Examiners, be permitted to revise and re-submit their dissertation, normally within one year of the first submission.
- 19.1.31 Notwithstanding Regulation 19.1.30, Boards of Examiners may exceptionally permit alternative forms of re-assessment for a class where they consider it to be in a student's interest.

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

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

Award of Credits

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

Progress of Students

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

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

Progression	Minimum Number of Credits Required
First – Second Year	90

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

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

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

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

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

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

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

Transfer of Registration, Suspension and Withdrawal

- 19.1.40 Where a candidate has failed to satisfy the Board of Examiners, the Board of Study, acting on behalf of Senate and in accordance with the recommendation of the Board of Examiners, may
- (i) require that registration be transferred to Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or
 - (ii) suspend a student from attendance at classes but require them to undertake assessments in accord with Regulations 19.1.30 – 19.1.32 until the required number of credits and necessary passes have been obtained to allow the student to proceed to the next stage/year of the course; or
 - (iii) recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate); or
 - (iv) terminate the student's registration and require the student to withdraw.
- 19.1.41 On the recommendation of the relevant Course Director (or nominee), the relevant Vice Dean Academic may permit a student to undertake voluntary suspension for the whole or part of an academic year or transfer to part-time study subject to this mode of study being available.
- 19.1.42 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.
- 19.1.43 On the recommendation of the relevant Course Director (or nominee), the Board of Study may approve transfer of a student's registration between
- (i) a Masters degree
 - (ii) a Postgraduate Diploma;
 - (iii) a Postgraduate Certificate.
- as appropriate, subject to a related course being available.
The Board of Study shall determine what recognition towards the fulfillment of the requirements may be given to the period that the student has completed.
- 19.1.44 Where a candidate for the degree of Master or Postgraduate Diploma has satisfied the Board of Examiners but requests transfer to the Postgraduate Diploma or Postgraduate Certificate, the Board of Study, acting on behalf of Senate and in accordance with the recommendation of the Head of Department or Course Director or Board of Examiners, may
- (i) permit registration to be transferred to Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or
 - (ii) recommend the award of such a Postgraduate Diploma or Postgraduate Certificate (as appropriate); or
 - (iii) terminate the candidate's registration.
- Appeals against Transfer of Registration, Suspension, Termination, Withdrawal or Award Classification**
- 19.1.45 A student who has been 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:

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

Award

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

- 19.1.51 A candidate on a course that has multiple exit points (e.g. Postgraduate Certificate, Postgraduate Diploma and degree of Master) may only retain one of the possible awards.
- 19.1.52 Notwithstanding the provision of 19.1.50 where such a course of study is undertaken on a part-time basis over a period of more than three years, Senate may approve interim awards that may be retained provided that such awards relate to separately named courses governed by distinct course regulations.
- 19.2
to 19.11 (Numbers not used.)

Faculty of Science

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		Level	Credits
FS 986	Professional and Career Skills	5	10
FS 934	Essentials of Forensic Science 2*	5	20
FS 905	Essentials of Forensic Science: Practical*	5	20
FS 906	Practical Crime Scene and Court Exercise	5	20

Optional Classes		Level	Credits
No fewer than 50 credits chosen from:			
FS 935	Forensic Biology 1*	5	10

FS 936	Forensic Biology 2*	5	20
FS 937	Forensic Chemistry 1*	5	10
FS 938	Forensic Chemistry 2*	5	20
FS 910	Practical Examination in Optional Class*	5	20

Students for the degree of MSc only:

99 900	Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.12.6 Regulations 19.1.25 – 19.1.33 shall apply.
 19.12.7 The final assessment will be based on performance in the examinations and coursework together with the dissertation where undertaken.

Award

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

19.12.25 Regulations 19.1.25 – 19.1.33 shall apply.

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

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

Award

19.12.28 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Forensic Science Studies, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation 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
FS 934	Essentials of Forensic Science 2	5	20
FS 972	Essentials of Forensic Science: Computer Based Experiments	5	10
FS 973	Case Investigation Exercise	5	10

FS 974	Fingerprints	5	10
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for the Postgraduate Certificate in Specialist Aspects of Forensic Science – 60 credits

Compulsory Classes

FS 979	Computer Based Experiments	5	10
FS 975	Laboratory Based Experiments	5	10
FS 976	Research Methods I	5	10

Optional Classes

Either

FS 935	Forensic Biology 1	5	10
FS 936	Forensic Biology 2	5	20

Or

FS 937	Forensic Chemistry 1	5	10
FS 938	Forensic Chemistry 2	5	20

for the Postgraduate Certificate in Forensic Science Research – 60 credits

Compulsory Classes

FS 977	Research Project (including Research Methods 2)	5	60
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for the Postgraduate Diploma in Forensic Science (Distance Learning) – 120 credits from the successful completion of the Certificate in Principles of Forensic Science and one of the two other Certificates above.

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

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

Examination, Progress and Final Assessment

- 19.12.35 Regulations 19.1.19 – 19.1.20 shall apply.
- 19.12.36 Candidates must successfully complete each Postgraduate Certificate examination before admission to the next chosen course.
- 19.12.37 The final assessment will be based upon performance in the examinations, coursework and project where undertaken 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 909	Advanced Organic Chemistry	5	20
CH 910	Chemical Biology	5	20

CH 911	Principals of Modern 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 908	Research Project	5	60
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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)

19.13 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

Classes		Level	Credits
CS 954	Information Retrieval and Access	5	20
CS 955	Information Law	5	10
CS 957	Research Methods	5	10
CS 959	Library Technology and Systems	5	20
CS 960	Managing Information Services	5	20
CS 961	Organisation of Knowledge	5	20
CS 962	Libraries, Information, and Society	5	20

Students for the degree of MSc only:

CS 958	Project	5	60
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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

Classes		Level	Credits
CS 951	Information Systems Architecture	5	20
CS 952	Database and Web Systems Development	5	20
CS 954	Information Retrieval and Access	5	20
CS 955	Information Law	5	10
CS 956	Business Analytics	5	20
CS 957	Research Methods	5	10
CS 961	Organisation of Knowledge	5	20
Students for the degree of MSc only:			
CS 958	Project	5	60

Examination, Progress and Final Assessment

- 19.13.29 Regulations 19.1.25 – 19.1.33 shall apply.

19.13.30 The final assessment will be based on performance in the examinations, coursework, the 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		Level	Credits
CS 957	Research Methods	5	10
CS 969	Personal Study	5	10

together with classes appropriate to the chosen course:

Advanced Computer Science

Optional Classes

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

Advanced Software Engineering

CS 547	Advanced Topics in Software Engineering	5	20
CS 548	Designing Usable Systems	5	20
CS 549	Distributed Information Systems	5	20
CS 551	Mobile Software Applications	5	20
CS 409	Software Architecture and Design	4	20

Enterprise Information Systems

CS 549	Distributed Information Systems	5	20
CS 951	Information Systems Architecture	5	20
CS 954	Information Retrieval and Access	5	20
CS 956	Business Analytics	5	20
CS 965	Computer Security	5	20

Mobile Computing

CS 548	Designing Usable Systems	5	20
CS 549	Distributed Information Systems	5	20
CS 551	Mobile Software and Applications	5	20
CS 965	Computer Security	5	20
CS 413	Embedded Systems	4	20

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

Students for the degree of MSc only:

CS 958	Project	5	60
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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

No fewer than 60 credits chosen from List A

List A*

		Level	Credits
MM 552	Applied Analysis and PDEs 1	5	15
MM 554	Applied Mathematics Methods 1	5	15
MM 556	Mathematical Models 1	5	15
MM 558	Pure Analysis 1	5	15
MM 560	Statistics 1	5	15
MM 562	Probability 1	5	15

List B*

MM 553	Applied Analysis and PDEs 2	5	15
MM 555	Applied Mathematics Methods 2	5	15
MM 557	Mathematical Models 2	5	15
MM 559	Pure Analysis 2	5	15

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
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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

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

Curriculum

19.15.13 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes

		Credits	Level
AG 910	Principles of Finance	5	20
AG 912	International Financial Markets and Banking	5	20
MM 907	Foundations of Mathematical and Statistical Finance	5	20
CS 970	Foundations of Computer Science	5	20

Optional Classes

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

List A

AG 916	Behavioural Finance	5	10
AG 918	Security Analysis	5	10
AG 924	Portfolio Theory and Management	5	10
AG 925	Derivatives and Treasury Management	5	20

List B

MM 906	Games and Networks in Finance	5	10
MM 905	Financial Econometrics	5	10
MM 904	Financial Stochastic Processes	5	10

List C

CS 971	Evolutionary Computation For Finance	5	20
CS 952	Database and Web Systems Development	5	20
CS 956	Business Analytics	5	20

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

Students for the degree of MSc only:

Either

MM 908 Research Project 5 40

or

MM 9ee Dissertation 5 40

Examination, Progress and Final Assessment

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

Award

- 19.15.16 **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Quantitative Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of either the dissertation or the research projects.
- 19.15.17 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Quantitative Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.15.18 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Quantitative Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.17 Department of Physics

19.17.1
to 19.17.9 (Numbers not used)

Advanced Physics

Msc in Advanced Physics
Postgraduate Diploma in Advanced Physics
Postgraduate Certificate 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(or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom university (in an appropriate discipline); or
- (ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Mode of Study

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

Curriculum

19.17.12

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

Compulsory Classes		Level	Credits
PH 950	Research Skills	5	20
PH 951	Project Training	5	20

Optional Classes

No Fewer than 80 credits chosen from Regulations 12.17.11 and 19.17.54

Students for the degree of Msc:

PH 952	Project	5	60
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Examination, Progress and Final Assessment

19.17.13 Regulations 19.1.19 shall apply.

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

Award

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

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

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

19.17.18
to 19.17.30 (Numbers not used)

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:

Classes*		Level	Credits
PH 951	Project Training	5	20
PH 970	Advanced Electromagnetism and Dynamics	5	20

PH 971	HPRF Physical Processes and Material Science	5	20
PH 972	HPRF Passive Devices	5	20
PH 973	HPRF Active Devices	5	20
PH 974	Professional Skills	5	20

* 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
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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

Compulsory Classes*		Level	Credits
PH 950	Research Skills	5	20
PH 953	Introductory Nanoscience	5	20
PH 955	Advanced Nanoscience 1	5	20
PH 956	Advanced Nanoscience 2	5	20
CH 907	Advanced Nanoscience 3	5	20
either			
PH 954	Physics Conversion Course	5	20
or			
CH 906	Chemistry Conversion Course	5	20

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

Students for the degree of MSc only:

PH 952	Project	5	60
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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

Compulsory Classes		Level	Credits
PH 950	Research Skills	5	20
PH 951	Project Training	5	20

Optional Classes

No fewer than 80 credits chosen from:

PH 953	Introductory Nanoscience	5	20
PH 955	Advanced Nanoscience 1	5	20
PH 957	Topics in Photonics	5	20
PH 958	Optical Design	5	20
PH 959	Experimental Quantum and Atom Optics	5	20
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
PH 964	Theoretical Quantum Information	5	20
PH 965	Quantum Optics, Nonlinearity and Open Quantum Systems	5	20
EE 473	Photonic Systems	4	20

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

Students for the degree of MSc only:

PH 952	Project	5	60
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Examination, Progress and Final Assessment

- 19.17.55 Regulations 19.1.25 – 19.1.33 shall apply..
- 19.17.56 The final assessment will be based on performance in the examinations, coursework, 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

Compulsory Classes*		Level	Credits
PH 950	Research Skills	5	20
PH 951	Project Training	5	20
PH 957	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

*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
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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

- 19.17.67 **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.
- 19.17.68 **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.
- 19.17.69 **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
- 19.17.70 (Number not used)

Quantum Information and Coherence

MSc in Quantum Information and Coherence

Postgraduate Diploma in Quantum Information and Coherence

Postgraduate Certificate in Quantum Information and Coherence

Course Regulations

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

Admission

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

Place of Study

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

Mode of Study

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

Curriculum

- 19.17.74 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes*		Level	Credits
PH 950	Research Skills	5	20
PH 951	Project Training	5	20
PH 959	Experimental Quantum and Atom Optics	5	20

PH 964	Theoretical Quantum Information	5	20
PH 965	Quantum Optics, Nonlinearity and Open Quantum Systems		

5 20

Optional Classes

No fewer than 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
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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 comprising classes offered by Strathclyde and the partner institutions as follows:

Compulsory Classes		Level	Credits
PH 980	Group Project	5	30
PH 981	Individual Project	5	30
PH 983	Accelerators	5	5

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 984	Plasma Physics A	5	5
PH 985	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

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 19.17.110 (Numbers not used)

Applied Physics

MSc Applied Physics

Postgraduate Diploma in Applied Physics

Postgraduate Certificate in Applied Physics

Course Regulations

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

[Note: the Postgraduate Diploma in Applied Physics is not currently offered]

Admission

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

- (i) a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
- (ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Mode of Study

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

Curriculum

19.17.113 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes		Level	Credits
PH 950	Research Skills	5	20
PH 951	Project Training	5	20

Optional Classes

No fewer than 80 credits chosen from Regulations 12.17.11 and 19.17.54

Students for the degree of MSc:

PH 952	Project	5	60
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Examination, Progress and Final Assessment

19.17.114 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

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

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

19.17.119
to 19.17.200 (Numbers not used)

19.22 Strathclyde Institute of Pharmacy and Biomedical Sciences

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		Level	Credits
MP 983	Chemical and Spectrophotometric Analysis	5	20
MP 984	Introduction to Separation Techniques	5	20
MP 985	Structure Elucidation Techniques	5	20
MP 986	Advanced Separation Techniques	5	20
MP 999	Validation, quality management and control	5	20
MP 987	Bioanalytical Methods	5	20
In addition, students for the degree of MSc only:			
MP 922	Research Project	5	60

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

Classes		Level	Credits
MP 923	Clinical Induction	5	20
MP 924	Clinical Assignment 1	5	20
MP 925	Health Service Skills	5	20
MP 926	Clinical Assignment 2	5	20
MP 927	Clinical Assignment 3	5	20
MP 928	Clinical Assignment 4	5	20

Students for the degree of MSc only:

MP 929	Research Project	5	60
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Students who have appropriate experience or training on entry to the programme may be considered for the award of the credits for the classes *MP 923 Clinical Induction* and/or *MP 924 Clinical Assignment 1* as Recognised Prior Learning.

Examination, Progress and Final Assessment

19.22.25 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.22.27 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Clinical Pharmacy, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of *MP 929 Research Project*.

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

19.22.29 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in clinical Pharmacy, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course. Notwithstanding Regulation 19.1.11, a student who has been granted exemption through credit transfer or RPL must gain two-thirds of the overall credit requirement for the award of the Postgraduate Certificate.

19.22.30
to 19.22.60 (Numbers not used)

Pharmaceutical Analysis

MSc in Pharmaceutical Analysis

Postgraduate Diploma in Pharmaceutical Analysis

Postgraduate Certificate in Pharmaceutical Analysis

Course Regulations

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

Admission

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

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

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

Duration of Study

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

Mode of Study

19.22.63 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

Compulsory Classes		Level	Credits
MP 916	Spectrophotometric and Spectroscopic Methods	5	20
MP 917	Chromatography : Principles, Application and Method Development	5	20
MP 918	Chemical and Spectroscopic Methods	5	20
MP 919	Bioanalysis, Biotechnology and Quality Management	5	20
MP 920	Chemical and Statistical Analysis: Principles and Application	5	20
MP 921	Chromatographic and Bioanalytical Methods	5	20
Students for the degree of MSc only			
MP 922	Pharmaceutical Analysis: Project	5	60

Examination, Progress and Final Assessment

19.22.65 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		Level	Credits
MP 971	Pharmaceutical Quality and Good Manufacturing Practice (Part 1A)	5	40
MP 973	Pharmaceutical Quality and Good Manufacturing Practice (Part 1B)	5	20

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

MP 972	Pharmaceutical Quality and Good	5	40
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MP 974	Manufacturing Practice (Part 2A) Pharmaceutical Quality and Good Manufacturing Practice (Part 2B)	5	20
	Students for the degree of MSc only		
MP 975	Pharmaceutical Quality and Good Manufacturing Practice (Project)	5	60

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	Level	Credits
MP 931 Generic Biomedical And Pharmaceutical Research Skills	5	20
BM 903 Practice and Application of Biomedical Sciences	5	20

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
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Examination, Progress and Final Assessment

19.22.105 Regulations 19.1.25 – 19.1.33 shall apply.

19.22.106 The final assessment will be based on performance in the written examinations, 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

Compulsory Classes	Level	Credits
MP 931		
Generic Biomedical And Pharmaceutical Research Skills	5	20
BM917		
Microbes, proteins and enzymes	5	20
BM908		
Laboratory Methods in Biotechnology	5	20
BM909		
Applications and commercialization in Biotechnology	5	20
<i>Optional classes</i>		
BM910		
Fermentation and Microbial Exploitation	5	20
BM911		
Molecular Biology, Bioinformatics and Genomics	5	20
BM 912		
Biocatalysis and Bioprocessing	5	20

Students for the degree of MSc only

Examination, Progress and Final Assessment

- 19.22.125 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.22.126 The final assessment will be based on performance in the written examinations, 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

Compulsory Classes		Level	Credits
MP 931	Generic Biomedical And Pharmaceutical Research Skills	5	20
MP990	Practice and Application of Pharmaceutical Sciences	5	20
<i>Optional Classes</i>		Level	Credits
MP992	Advanced Drug Delivery Methods & Topics	5	20
MP993	Advanced Formulation Methods & Topics	5	20
MP994	Advanced Drug Discovery Methods & Topics	5	20
MP995	Advanced Toxicology Methods & Topics	5	20
BM907	Advanced Biomedical Methods 1	5	20
BM914	Advanced Biomedical Methods 2	5	20
BM904	Advanced Biomedical Topics 1	5	20
BM905	Advanced Biomedical Topics 2	5	20

Students for the degree of MSc only

MP991	Pharmaceutical Sciences Project	5	60
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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 Advanced Pharmaceutical Manufacturing Postgraduate Diploma in Advanced Pharmaceutical Manufacturing Postgraduate Certificate in Advanced Pharmaceutical Manufacturing

Course Regulations

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

Admission

19.22.166 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.167 Regulations 19.1.5 shall apply.

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

Masters by full-time study	24 months
PG Diploma by full-time study	18 months
PG Certificate by full-time study	12 months
<i>For part-time study</i>	
Masters by part-time study	48 months elapsed time
PG Diploma by part-time study	36 months elapsed time
PG Certificate by part-time study	24 months elapsed time

Mode of Study

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

Curriculum

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

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

Compulsory Classes		Level	Credits
MP 931	Generic Biomedical And Pharmaceutical Research Skills	5	20
MP 930	Continuous Manufacturing of Pharmaceutical Particles and Products	5	20
MP 936	Crystallisation and Formulation for Manufacture	5	20
CH 913	Process Analytical Technology (PAT) and Quality by Design in Continuous Pharmaceutical Manufacturing	5	20
MP 937	Industrial Pharmacy	5	20
MP 939	Pharmaceutical Project Management	5	20
Students for the degree of MSc only			
Mp 935	Continuous Manufacturing Research Project	5	60

Examination, Progress and Final Assessment

19. 22.170 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.171 The final assessment will be based on performance in the written examinations, 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)

**Collaborative MSc in Industrial Biotechnology
Postgraduate Diploma in Industrial Biotechnology
Postgraduate Certificate in Industrial Biotechnology**

Course Regulations

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

Admission

19.22.200 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19. 22.201 Regulations 19.1.5 shall apply.

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

Masters by full-time study	12months
PG Diploma by full-time study	9 months
PG Certificate by full-time study	6 months
<i>For part-time study</i>	
Masters by part-time study	24months elapsed time
PG Diploma by part-time study	18 months elapsed time
PG Certificate by part-time study	12 months elapsed time

Mode of Study

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

Curriculum

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

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

Compulsory Classes		Level	Credits
EX930	Introduction to Industrial Biotechnology and its Governance (Innogen)	5	10
BM923	Bioprocessing (Strathclyde)	5	20
BM924	Applied Biocatalysis (Strathclyde)	5	20
EX933	Synthetic Biology (Glasgow)	5	20
EX926	Systems Biology (Edinburgh)	5	20

Optional classes

All students shall undertake 30 credits from the following classes

EX928	Quality, IP and Regulations in an Industrial Context (UHI)	5	20
EX929	Blue Biotechnology (SAMS)	5	20
EX931	Renewable Energy Technologies	5	15
EX927	Business and Operations Management in the Food and Beverage Industries	5	15
EX932	Sustainable & Resource Efficient Formulation (UWS)	5	10
CP520	Membrane Technology	5	10
EF931	Project Management	5	10
DM926	Supply Chain Operations	5	10

Or any other approved course form IBioIB HEI partner

Students for the degree of MSc only

BM929	Industrial Biotechnology Research Project	5	60
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Examination, Progress and Final Assessment

19. 22.204 Regulations 19.1.25 – 19.1.33 shall apply.

19. 22.205 The final assessment will be based on performance in the written examinations, the coursework, and, if required, an oral examination.

Award

19. 22.206 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Biotechnology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project.

19. 22.207 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Industrial Biotechnology, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19. 22.208 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Industrial Biotechnology, a candidate must have accumulated no fewer than 60 credits.

19.22.209 to

19.22.219 (numbers not used)

Strathclyde Institute of Pharmacy and Biomedical Sciences

Practice Certificate in Independent Prescribing

Course Regulations

These regulations are to be read in conjunction with Regulation 19.1

19.22.220 Admission

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

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

Or, if they already have a Supplementary Prescribing qualification:

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

19.22.221 Credit Transfer and Recognition of Prior Learning

Regulation 19.1.4 shall apply.

19.22.222 Duration of Study

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

19.22.223 Mode of study

The course is only available by part-time study

19.22.224 Curriculum

Students shall undertake an approved curriculum as follows:

Classes		Level	Credits
MP904	Therapeutics	5	5
MP905	Prescribing and public health	5	5
MP906	Care planning	5	5
MP907	Period of learning in practice	5	10
MP908	Communicating with patients and colleagues	5	5

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

Classes		Level	Credits
MP980	Independent Prescribing Conversion	5	10

19.22.225 Examination, Progress and Final Assessment

Regulations 19.1.25 – 19.1.33 shall apply

19.22.226

Award

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

19.23 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
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Crime Scene Investigation

FS 951	Crime Scene Investigation: Theory	5	60
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Document Examination

FS 960	Document Examination: Theory	5	60
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Fire Investigation

FS 954	Fire Investigation: Theory	5	60
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Firearms Examination

FS 957	Firearms Examination: Theory	5	60
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Forensic Imaging

FS 963	Forensic Imaging: Theory	5	60
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Forensic Toxicology

FS 966	Forensic Toxicology: Theory	5	60
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Identity Document Examination

FS 942	Identity Document Examination: Theory	5	60
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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
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FS 953	Crime Scene Investigation: Oral	5	30
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Document Examination

FS 961	Document Examination: Practical	5	30
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FS 962	Document Examination: Oral	5	30
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Fire Investigation

FS 955	Fire Investigation: Practical	5	30
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FS 956	Fire Investigation: Oral	5	30
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Firearms Examination

FS 958	Firearms Examination: Practical	5	30
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FS 959	Firearms Examination: Oral	5	30
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<i>Forensic Imaging</i>			
FS 964	Forensic Imaging: Practical	5	30
FS 965	Forensic Imaging: Oral	5	30

<i>Forensic Toxicology</i>			
FS 967	Forensic Toxicology: Practical	5	30
FS 968	Forensic Toxicology: Oral	5	30

<i>Identity Document Examination</i>			
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):

<i>Crime Scene Investigation</i>			
FS 969	Crime Scene Investigation: Dissertation	5	60

<i>Document Examination</i>			
FS 940	Document Examination: Dissertation	5	60

<i>Fire Investigation</i>			
FS 978	Fire Investigation: Dissertation	5	60

<i>Firearms Examination</i>			
FS 939	Firearms Examination: Dissertation	5	60

<i>Forensic Imaging</i>			
FS 970	Forensic Imaging: Dissertation	5	60

<i>Forensic Toxicology</i>			
FS 941	Forensic Toxicology: Dissertation	5	60

<i>Identity Document Examination</i>			
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.

Global Public Health

MSc in Global Public Health
Postgraduate Diploma in Global Public Health
Postgraduate Certificate in Global Public Health

Course Regulations

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

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

Admission

- 19.24.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

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

for the degree of Masters by full-time study – 24 months
for the Postgraduate Diploma by full-time study – 18 months
for the Postgraduate Certificate by full-time study – 12 months

Place of Study

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

Mode of Study

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

Curriculum

- 19.24.5 All students undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits
for the degree of Master – no fewer than 240 credits
including an individual research project.

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

19.24.6	Compulsory Classes	Level	Credits
	BM 925 Introduction to global public health	5	30
	BM 926 Biostatistics and Mathematics	5	30
	BM 927 Epidemiology	5	30
	BM 928 Group Research	5	30

Optional Classes

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

Public Health Law
Electrical Engineering
Civil Engineering
Pharmacy Management
Bioengineering
Public Health Policy
Public Health in Business

Compulsory project

XX XXX	Individual Research Project	5	80
	Total credits		240

- 19.24.7 **Examination, Progress and Final Assessment**
 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.24.8 Progress from IPRI to the University of Strathclyde is dependent on passing 90 credits at level 5 in the classes taught in France.
- 19.24.9 The final assessment will be based on performance in the examinations, coursework and the Individual Research Project dissertation where undertaken.
- 19.24.10 **Award**
Degree of MSc: In order to qualify for the award of the degree of MSc in Global Public Health, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 240 credits of which 80 must have been awarded in respect of the Individual Research Project.
- 19.24.11 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Global Public Health, a candidate must normally have

accumulated no fewer than 120 credits from the taught compulsory or optional classes of the course.

19.24.12

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

Faculties of Science and Engineering: Joint Courses

System Level Integration

MSc in System Level Integration

Postgraduate Diploma in System Level Integration

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

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

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

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

19.24.30

to 19.30.89 (Numbers not used)

Information Technology Systems

MSc in Information Technology Systems

Postgraduate Diploma in Information Technology Systems

Postgraduate Certificate in Information Technology Systems

Course Regulations

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

Admission

19.30.90

Notwithstanding Regulation 19.1.1, applicants shall possess

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

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

Duration of Study

19.30.91 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.30.93 All students shall undertake an approved curriculum as follows:

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

Classes		Level	Credits
48 913	IT in Business	5	12
52 901	Programming in Java	5	24
52 902	Fundamentals of Computer Systems	5	12
52 903	Communications, Theory and Practice	5	12
52 904	Advanced Design Issues	5	12
EE 932	Electronic Data Acquisition	5	24
EE 933	Embedded Computer Systems	5	12
EE 934	Digital Signal Processing and Multimedia Systems	5	12
EE 935	Digital Communications Systems	5	12
Students for the degree of MSc only:			
EF 900	Project	5	60

Examination, Progress and Final Assessment

19.30.94 Regulations 19.1.25 – 19.1.33 shall apply.

19.30.95 The final assessment will be based on performance in the examinations, coursework, 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		Level	Credits
AB975	Sustainability	5	10

19.40.6 **Faculty-wide Optional Classes**

No fewer than 20 credits chosen from:

EF 929	Financial Engineering	5	10
EF 927	Design Management	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EV 939	Environmental Impact Assessment	5	10
DM 930	Knowledge Engineering and Management for Engineers	5	10

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

Named Pathways

19.40.7 **Sustainable Engineering: Building Design and Management**

Compulsory Classes*

22 563	Ecology, Sustainability and the Built Environment	5	10
AB 9xx	Construction Project Management	5	10
ME 922	Energy Resources and Policy	5	10

Sustainable Engineering: Chemical Processing

Optional Classes*

CP 906	Colloid Engineering 2	5	10
CP 917	Process Design Principles	5	10
CP 918	Safety Management Practices	5	10
CP 919	Programming & Optimisation	5	10
CP 921	Emerging Technologies	5	10
CP 938	Environmental Control Technologies	5	10
CP 939	Energy Systems	5	10

Sustainable Engineering: Marine Technology

Optional Classes*

NM 947	Modelling and Optimisation in Design	5	10
NM 950	Maritime Safety and Risk	5	10
NM 958	Risers and Mooring Lines	5	10
NM 962	Advanced Marine Structures	5	10
NM 975	Computational Free Surface Hydrodynamics	5	10

Sustainable Engineering: Offshore Renewable Energy

Optional Classes*

NM 960	Finite Element Analysis of Floating Structures	5	10
NM 969	Renewable Marine Energy Systems	5	10
ME 929	Electrical Power Systems	5	10
ME 927	Energy Resources and Policy	5	10

Sustainable Engineering: Renewable Energy Systems and the Environment

Optional Classes*

ME 929	Electrical Power Systems	5	10
ME 927	Energy Resources and Policy	5	10
ME 928	Energy Systems Analysis	5	10
ME 930	Energy Modelling and Monitoring	5	10

Sustainable Engineering: Sustainable Product Development

Compulsory Classes*

DM 924	Product Design Techniques	5	20
DM 943	Sustainable Product Design and Manufacture	5	10

Optional Classes*

DM 918	People, Organisation & Technology	5	10
DM 923	Product Modelling and Visualisation	5	10
DM 926	Supply Chain Operations	5	10
DM 929	CAED Systems	5	10
DM 933	Risk Engineering	5	10

* 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

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

19.40.13 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Sustainable Engineering: in a distinct pathway, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits from the course curriculum.

19.40.14 **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

		Level	Credits
EF 927	Design Management	5	10
EF 932	Risk Management	5	10
CP 941	Understanding Financial Information	5	10
EF 935	Project Management	5	10
EF 9xx	Commercial Management	5	10
DM 935	Management of Total Quality and Continuous Improvement	5	10

List B: Specialist Classes

ME 919	Electrical Power Systems	5	10
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ME 921	Environmental Performance and Related Technologies	5	10
ME 922	Energy Resources and Policy	5	10
ME 924	Power Plant Systems	5	10
ME 926	Nuclear Power Systems	5	10

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

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

EF 9xx	Project Engineering: Group Project	5	30
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Students for the degree of MSc only:

EF 900	Project	5	60
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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.

19.40.71 to
19.40.99 (numbers not used)

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

Classes	Level	Credits
AB 964 Design Studies 5A	5	20
AB 965 Design Studies 5B	5	40
AB 966 Special Study Project	5	20
AB 967 Cultural Studies 5	5	20
AB 968 Professional Studies	5	20

Such other classes as may be approved by the Course Director

Students for the degree of MSc only:

22 900 Project	5	60
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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
Graduate Diploma in Advanced Architectural Design

Course Regulations

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

Admission

- 19.41.11 Notwithstanding Regulation 19.1.1 applicants shall possess
- (i) an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, normally at 2.2 or equivalent.; or
 - (ii) an ARB/RIBA Part 1 Qualification or equivalent degree in Architecture, and a period of relevant professional practice experience.
 - (iii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to the above.
- In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

- 19.41.12 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

- 19.41.14 All students shall undertake an approved curriculum as follows
- for the Graduate Diploma – no fewer than 120 credits from the first year of the programme

for the Postgraduate Certificate – no fewer than 60 credits from the second year of the programme
 for the Postgraduate Diploma – no fewer than 120 credits from the second year of the programme
 for the degree of MArch – no fewer than 180 credits including a project from the second year of the programme

First Year

All students shall follow an approved curriculum as follows:

Compulsory Classes		Level	Credits
AB 418	Design Studies 4A	4	20
AB 419	Design Studies 4B	4	40
AB 420	Cultural Studies 4	4	40
AB 421	Special Study Project 4	4	20

Second Year

Compulsory Classes		Level	Credits
AB 964	Design Studies 5A	5	20
AB 965	Design Studies 5B	5	40
AB 966	Special Study Project 5	5	20
AB 967	Cultural Studies 5	5	20
AB 968	Professional Studies	5	20

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

Students for the degree of MArch only:

22 900	Project	5	60
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Examination, Progress and Final Assessment

- 19.41.15 Regulations 19.1.25 – 19.1.33 shall apply.
 In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits including all the first year compulsory classes.
- 19.41.16 The final assessment will be based on performance in the first attempt examinations, coursework and the Project where undertaken.
- 19.41.17 **Award**
Degree of MArch: In order to qualify for the award of the degree of MArch in Advanced Architectural Design, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits from the second year curriculum, of which 60 must have been awarded in respect of the Project.
- 19.41.18 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Advanced Architectural Design, a candidate must have accumulated no fewer than 120 credits from the second year curriculum, including all the second year compulsory classes.
- 19.41.19 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Advanced Architectural Design, a candidate must have accumulated no fewer than 60 credits from the second year curriculum.

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

Architectural Studies

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

Course Regulations

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

Admission

19.41.21 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.41.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.41.24 All students shall undertake an approved curriculum as follows:

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

First Year

19.41.25 All students shall follow an approved curriculum as follows:

Compulsory Classes		Level	Credits
AB 418	Design Studies 4A	4	20
AB 419	Design Studies 4B	4	40
AB 420	Cultural Studies 4	4	40
AB 421	Special Study Project 4	4	20

Second Year

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

Classes		Level	Credits
AB 964	Design Studies 5A	5	20
AB 965	Design Studies 5B	5	40
AB 966	Special Study Project 5	5	20
AB 967	Cultural Studies 5	5	20
AB 968	Professional Studies	5	20

Such other classes as may be approved by the Course Director

Examination, Progress and Final Assessment

- 19.41.27 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.41.28 In order to progress to the second year of the course, a student must normally have accumulated at least 120 credits including all the first year compulsory classes. From the total first year credits, 100 must have been gained at the first assessed attempt. In addition, a student must have achieved a level of performance that is acceptable to the Course Director and as detailed in the Course Handbook.
- 19.41.29 The final assessment will be based on performance in the examinations, coursework, 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

Classes	Level	Credits
List A		
AB 931 Urban Design Studio 1a: Analysis	5	10
AB 932 Urban Design Studio 1b: Programme	5	10
AB 973 Urban Design Studio 2: Framework and Coding	5	20
AB 974 Urban Design Studio 3: Masterplanning	5	20
AB 936 Urban Design History	5	10
AB 943 Real Estate Development	5	10
AB 946 Urban Design Policy and Practice	5	10
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:		
VP 501 VIP Project	5	10
VP 502 VIP Project	5	10
AB 935 Urban Landscape Design	5	10
AB 938 Urban Design Representation	5	10
17 540 Transport Development and Sustainability	5	10
EF 931 Project Management	5	10
EF 909 Financial Engineering	5	10

*Exceptionally, such other classes as approved by the Course

Students for the degree of MSc only:

AB 947	Dissertation Project	5	60
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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.

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		Level	Credits
22 563	Ecology, Sustainability and the Built Environment	5	10
AB 930	Construction Project Management	5	10
AB 975	Sustainability	5	10
CL 931	Research Protocols in Science and Engineering	5	10
Optional Classes			
No fewer than 20 credits chosen from:			
CL 955	Environmental Management Systems	5	10
CL 956	Environmental Business Strategy	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EF 933	Design Management	5	10
EF 939	Environmental Impact Assessment	5	10

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.

MSc in Architectural Design for the Conservation of Built Heritage

MSc in Architectural Design for the Conservation of Built Heritage

Postgraduate Diploma in Architectural Design for the Conservation of Built Heritage

Postgraduate Certificate in Architectural Design for the Conservation of Built Heritage

Course Regulations

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

Admission

19.41.187 Notwithstanding Regulation 19.1.1, applicants shall possess

- (i) a first or second class Honours degree in Architecture or a discipline related to the built environment of a university in the United Kingdom; or
- (ii) a qualification deemed by the head of Department acting on behalf of Senate to be equivalent to the above.

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

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

Duration of Study

19.41.188 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.41.190 All students shall undertake an approved curriculum as follows:

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

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

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

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

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

List B - Optional Classes
10 credits chosen from:

AB 936	Urban History	5	10
AB 939	Urban Theory	5	10
AB 943	Real Estate Development	5	10
AB 946	Urban Design Policy and Practice	5	10
AB 975	Sustainability	5	10
AB 930	Construction Project Management	5	10

Students for the degree of MSc only:

AB 986	Dissertation Project	5	60
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Examination, Progress and Final Assessment

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

Award

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

19.41.196
to 19.41.206 (number not used)

19.42 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		Level	Credits
<i>either</i>			
BE911	Engineering Science	5	20
or			
BE915	Medical Science for Engineering	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE909	Biomedical Electronics	5	10
BE908	Biomedical Instrumentation	5	10

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

BE912	Anatomy & Physiology	5	10
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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
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Students for the degree of MSc only in addition will undertake:

BE907	Project	5	60
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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.

Compulsory Classes		Level	Credits
59 906	Introductory Pharmacology	5	20
BE915	Medical Science for Engineering	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
MP 942	Advanced Techniques in Biomedical Research	5	10
BM 919	Medical Genomics	5	10
BE909	Biomedical Electronics	5	10

Students for the degree of MSc only:

BE910	EngD/MSc Medical Devices Project	5	20
BE908	Biomedical Instrumentation	5	10

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

Students for the Postgraduate Diploma only

BE914	PGDip Medical Devices Dissertation	5	20
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in addition to 40 credits chosen from the list of optional classes

Optional Classes

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

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.

Compulsory Classes		Level	Credits
65 951	Research Methodology in Healthcare	5	18
<i>and either</i>			
65 949	Case Studies in Medical Technology	5	18
<i>or</i>			
65 950	Elements of Medical Science	5	18

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.

19.42.98
to 19.42.125

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

Compulsory Classes	Level	Credits
94 938 Research Methodology	5	20
94 915 Data Analysis	5	20

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

Classes*	Level	Credits
List A		
94 927 Clinical Governance	5	20
94 928 Introductory Biomechanics	5	20
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

94 935	Advanced Orthotic Science+	5	20
* With the permission of the Course Director, students may be permitted to substitute another approved class.			
+	Available to professional Prosthetists and Orthotists only.		
++	Not available to professional Prosthetists and Orthotists		

Students for the degree of MSc only:

94 900	Project	5	60
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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.

19.42.134 to
19.42.199 (numbers not used)

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.

List A – Process Technology*		Level	Credits
CP 917	Process Design Principles	5	10
CP 959	Advanced Process Design	5	10
CP 918	Safety Management Practices	5	10
CP 919	Programming and Optimisation	5	10
CP 920	Modelling and Simulation	5	10
CP 921	Emerging Technologies	5	10
CP 922	IPR Management	5	10
CP 923	Process Safety Design	5	10
CP 924	Environmental Engineering and Management	5	10
CP 925	Petrochemical Engineering	5	10
CP 926	Multi-Phase Processing	5	10
CP 927	Process Control Strategies	5	10
CP 952	Colloid Engineering	5	10
CP 958	Model Based Process Control	5	10
CP 950	Modern Process Measurements	5	10
CP951	Nanotechnology	5	10
CP 953	Membrane Technology	5	10
CP 954	Communicating Science and Technology	5	10
CP 955	Molecular simulation in chemical engineering	5	10
CP 956	Nuclear Engineering	5	10
CP 957	Fuel Cells	5	10
List B – Chemical Technology*			
CP 917	Process Design Principles	5	10
CP 918	Safety Management Practices	5	10
CP 919	Programming and Optimisation	5	10
CP 921	Emerging Technologies	5	10
CP 922	IPR Management	5	10
CP 928	Laboratory Management	5	10
CP 929	Analytical Techniques and Automation	5	10
CP 930	Management of Technological Innovation	5	10
CP 950	Modern Process Measurements	5	10
CP951	Nanotechnology	5	10
CP 957	Fuel Cells	5	10
CP 953	Membrane Technology	5	10
CP 954	Communicating Science and Technology	5	10
List C – Business, Management and IT*			
CP 931	Understanding Financial Information	5	10
CP 932	Managing People	5	10
CP 933	Project Management	5	10
CP 934	Business and Technology Strategy	5	10
CP 935	IT Systems and Strategy	5	10

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

- (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

List A*		Level	Credits
CP 846	Petrochemical Engineering	5	10
CP 937	Multi Phase Processing	5	10
CP 938	Environmental Control Technologies	5	10
CP 939	Energy Systems	5	10
CP 940	Emerging Technologies	5	10
CP 942	Safety Management Practices	5	10
CP 943	Programming and Optimisation	5	10
CP 944	Process Safety Design	5	10
CP 945	Process Design Principles	5	10
CP 947	Colloid Engineering	5	10

List B*

CP 941	Understanding Financial Information	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10

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

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

CP 948	Group Project	5	40
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together with a further 20 credits chosen from List B above.

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

Compulsory Classes		Level	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 Level 5 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

AB 963	Lean Planning, Control and Whole-life cost appraisal of Construction Projects	5	12
CL 932	Technology Transfer and Innovation to Developing and Emerging Economies	5	20
CL 933	Engineering and project analysis: Theory & practice for building & infrastructure projects	5	20

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 credits 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

Compulsory Classes		Level	Credits
CL 904	Waste Management and Landfill Design	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 931	Research Protocols for Science and Engineering	5	10
CL 948	Principles of Environmental Microbiology	5	10
CL 975	Environmental Chemistry	5	10

Optional Classes

No fewer than 70 credits chosen from:

CL 507	Ground Improvement and Reinforcement	5	10
CL 970	Environmental Pollution Management	5	10
CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
CL 954	Contaminated Land	5	10
CL 956	Environmental Business Strategy	5	10
CL 960	Fundamentals of Environmental Forensics	5	10
CL 961	Geographical Information Systems (GIS)	5	10
EV 939	Environmental Impact Assessment	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 921	Water and Environmental Management	5	10
M9 929	UK and EU Environmental Law	5	10
CL 946	Global Water Policy	5	10
CL 935	Hydrogeology	5	10
CL 9XX	Water & Wastewater Treatment Design	5	10
CL 973	Independent Study in Collaboration with Industry	5	10
M9 850	International Environmental Law		

*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 944	Project in Environmental Engineering	5	60
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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 19.44.24 All students shall undertake an approved curriculum as follows:
 for the Postgraduate Certificate – no fewer than 60 credits including at least than 20 from the Entrepreneurship classes and 20 from the Environmental classes.
 for the Postgraduate Diploma – no fewer than 120 credits
 for the degree of MSc – no fewer than 180 credits including a project

Compulsory Classes		Level	Credits
CL 957	Qualitative and Quantitative Research Methods	5	10
CL 929	Client-Based Environmental Entrepreneurship in Practice	5	20

Z1 931	Entrepreneurship, Innovation and Commercialisation	5	10
Z1938	New Venture Creation	5	10

Optional Classes

No fewer than 70 credits chosen from:

CL 946	Global Water Policy	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
CL 955	Environmental Management Systems	5	10
CL 956	Environmental Business Strategy	5	10
CL 958	Recent Trends in Technological Progress	5	10
CL 964	Principles of Sustainability	5	10
CL 965	Science, Technology and Innovation Policy	5	10
CL 969	Contaminated Land Management	5	10
CL 972	Sustainability & Strategic Environmental Assessment	5	20
CL 973	Independent Study in Collaboration with Industry	5	10
CL 974	Sustainable Transformation & Accountability	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
EC 922	Principles of Economic Appraisal	5	10
EC 927	Environmental Economics	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 939	Environmental Impact Assessment	5	10
HR915	Business Systems	5	10
ME 922	Energy Resources and Policy	5	10
ME 929	Electrical Power Systems	5	10
ME 930	Energy Modelling and Monitoring	5	10
M9 850	International Environmental Law	5	10
M9 929	UK and EU Environmental Law	5	10
NM 969	Renewable Marine Energy Systems	5	10
Z1 933	Opportunity and Creativity	5	10

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

Students for the degree of MSc only:

CL 930	Project in Environmental Entrepreneurship	5	60
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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

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

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
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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 from the lists of taught classes.
- for the Postgraduate Diploma – no fewer than 120 credits including all the compulsory classes.
- for the degree of MSc – no fewer than 180 credits including the CL980 Project

Compulsory Classes	Level	Credits
MSc Civil Engineering		
CL 509 Civil Engineering Design Projects	5	40
CL 931 Research Protocols for Science & Engineering	5	10
Optional credits from List A	5	40
MSc Civil Engineering with Structural Engineering & Project Management		
CL 507 Ground Improvement and Reinforcement	5	10
CL 509 Civil Engineering Design Projects	5	40
CL 510 Advanced Structural Analysis and Design	5	10
CL 931 Research Protocols for Science & Engineering	5	10
CL 976 Prestressed Concrete, Composite Materials and Structural Stability	5	10
EF 931 Project Management	5	10

MSc Civil Engineering with Geotechnical Engineering & Project Management

CL 507	Ground Improvement and Reinforcement	5	10
CL 509	Civil Engineering Design Projects	5	40
CL 514	Rock Mechanics, Tunnelling and Groundwater	5	10
CL 917	Slopes and Walls	5	10
CL 931	Research Protocols for Science & Engineering	5	10
EF 931	Project Management	5	10

MSc Civil Engineering with Geoenvironmental Engineering & Project Management

CL 509	Civil Engineering Design Projects	5	40
CL 904	Waste Management and Landfill Design	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 931	Research Protocols for Science & Engineering	5	10
CL 954	Contaminated Land	5	10
EF 931	Project Management	5	10

Optional Classes		Level	Credits
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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 514	Rock Mechanics, Tunnelling and Groundwater	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 917	Slopes and Walls	5	10
CL 922	Soil Modelling and Numerical Analysis	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 980	Project	5	60
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Examination, Progress and Final Assessment

19. 44.44 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19. 44.46 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Civil Engineering, 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, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits in the appropriate specialism, of which 60 must have been awarded in respect of the CL980 project.

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:

Compulsory Classes		Level	Credits
CL 970	Environmental Pollution Management	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 931	Research Protocols for Science and Engineering	5	10
CL 975	Environmental Chemistry	5	10

Optional Classes

No fewer than 20 credits chosen from:

CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 954	Contaminated Land	5	10
CL 955	Environmental Management Systems	5	10
CL 960	Fundamentals of Environmental Forensics	5	10
EV 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
CI 978	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

- 19.44.84 Regulations 19.1.25 – 19.1.33 shall apply.
 19.44.85 The final assessment will be based on performance in the examinations and the coursework.

Award

- 19.44.86 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Integrated Pollution Prevention and Control, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

- 19.44.87
 to 19.44.90 (Numbers not used)

Geoenvironmental Engineering

Postgraduate Certificate in Geoenvironmental Engineering

Course Regulations

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

Admission

- 19.44.91 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

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

Curriculum

- 19.44.94 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
CL 906	Site Investigation and Risk Assessment	5	10
CL 931	Research Protocols for Science & Engineering	5	10
CL 954	Contaminated Land	5	10
CL 935	Hydrogeology	5	10
Optional Classes			
No fewer than 20 credits chosen from:			
CL 961	Geographical Information Systems (GIS)	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 951	Groundwater Flow Modelling	5	10
CL 952	Aquifer Mechanics	5	10
EV 921	Water and Environmental Management	5	10

EV 939	Environmental Impact Assessment	5	10
CI 978	Water & Wastewater Treatment Design	5	10
CL 973	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 Adaption

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:

Compulsory Classes		Level	Credits
CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 931	Research Protocols for Science & Engineering	5	10
CL 974	Sustainable Transformation & Accountability	5	10

EV 939	Environmental Impact Assessment	5	10
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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
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

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 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

Compulsory Classes*

		Level	Credits
CL 501	Foundation Engineering	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 917	Slopes and Walls	5	10
CL 920	Introduction to Geotechnics	5	20
CL 922	Soil Modelling and Numerical Analysis	5	20
CL 923	Rock Mechanics, Tunnelling and Groundwater	5	20
CL 924	Geotechnical Design Project	5	20

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
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* 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.)

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

Compulsory Classes		Level	Credits
16 468	Acoustics	4	10
CL 414	Meat Hygiene and Inspection	4	10
CL 904	Waste Management and Landfill Design	5	10
CL 908	Food Inspection and Control	5	10
CL 909	Food Safety and Hygiene	5	10
CL 911	Introduction to Health & Safety	5	10
CL 912	Occupational Health and Toxicology	5	10
CL 913	Public Health Studies	5	10
CL 914	Infection and Vector Control	5	10
CL 969	Contaminated Land Management	5	10
CL 971	Air Pollution, Climate Change & Human Health	5	10

Optional Classes

No fewer than 10 credits chosen from:

CL 905	Research Methodology & Techniques	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 910	Housing Policy and Law	5	10
CL 916	Environmental Impact & Assessment	5	10
CL 931	Research Protocols for Science & Engineering	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
CL 948	Principles of Environmental Microbiology	5	10
EV 921	Water and Environmental Management	5	10
CL 970	Environmental Pollution Management	5	10

- 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
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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

Compulsory Classes		Level	Credits
CL 972	Sustainability & Strategic Environmental Assessment	5	20
CL 957	Qualitative and Quantitative Research Methods	5	10
EC 913	International Environmental Policy	5	10
Optional Classes			
No fewer than 80 credits chosen from:			
17 540	Transport, Development and Sustainability	5	10
CL 970	Environmental Pollution Management	5	10
CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 918	Learning for our Future: Sustainable Development Education	5	10
CL 948	Principles of Environmental Microbiology	5	10

CL 955	Environmental Management Systems	5	10
CL 956	Environmental Business Strategy	5	10
CL 958	Recent Trends in Technological Progress	5	10
CL 961	Geographical Information Systems (GIS)	5	10
CL 965	Science, Technology and Innovation Policy	5	10
EV939	Environmental Impact Assessment	5	10
CL 975	Environmental Chemistry	5	10
CL 974	Sustainable Transformation & Accountability	5	10
EC 928	Energy Economics	5	10
EC 922	Principles of Economic Appraisal	5	10
EV 905	Ecology Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 921	Water and Environmental Management	5	10
M9 929	UK and EU Environmental Law	5	10
ME 927	Energy Resources and Policy	5	10
CL 964	Principles of Sustainability	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
CL 946	Global Water Policy	5	10
CI 969	Contaminated Land Management	5	10
CL 978	Water & Wastewater Treatment Design	5	10
CL973	Independent Study in Collaboration with Industry	5	10
M9 850	International Environmental Law	5	10

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

Students for the degree of MSc only:

EV 940	Project	5	60
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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		Level	Credits
17 978	Science, Technology and Innovation Policy	5	12
EV 929	Principles of Sustainable Development	5	12
EV 956	International Environmental Policy	5	12
EV 958	Research Methods and Participatory Approaches	5	12

Optional Classes

No fewer than 72 credits chosen from:

16 915	Energy Resources and Policy	5	12
17 535	Recycling Urban Land	5	12
17 540	Transport, Development and Sustainability	5	10
17 967	Disaster Management	5	12
17 969	Globalisation and International Technology Markets	5	12
17 970	Recent Trends in Technological Progress	5	12
17 987	Development and Management of Technology	5	12
31 911	Pollution Control Policy	5	12
31 966	Environmental Economics	5	12
BB 935	Biotechnology and the Environment	5	10
CL 947	Climate Change and Mitigation and Adaptation	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 934	Environmental Management Systems	5	12
EV 938	Applied Strategic Environmental Assessment	5	12
EV 939	Environmental Impact Assessment	5	10
EV 959	Spatial Query and Analysis using GIS	5	12
LS 929	UK and EU Environmental Law	5	10

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.

19.44.229

19.44.330 (Number not used)

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		Level	Credits
CL 970	Environmental Pollution Management	5	10
CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 931	Research Protocols for Science and Engineering	5	10
CL 948	Principles of Environmental Microbiology	5	10
CL 975	Environmental Chemistry	5	10
EV 921	Water Environment Management	5	10
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:			
CL 960	Fundamentals of Environmental Forensics	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
CL 964	Principles of Sustainability	5	10
CL 955	Environmental Management Systems	5	10
CL 966	Environmental Impact Assessment	5	10
CL 961	Geographical Information Systems (GIS)	5	10

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

Students for the degree of MSc only:

EV 962	Project	5	60
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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

Compulsory Classes		Level	Credits
CL 906	Site Investigation and Risk Assessment	5	10
CL 931	Research Protocols for Science and Engineering	5	10
CL 935	Hydrogeology	5	10
CL 946	Global Water Policy	5	10
CL 952	Aquifer Mechanics	5	10
CL 951	Groundwater Flow Modelling	5	10
CL 954	Contaminated Land	5	10
CL 975	Environmental Chemistry	5	10

Optional Classes

No fewer than 40 credits chosen from:

CL 904	Waste Management and Landfill Design	5	10
CL 948	Principles of Environmental Microbiology	5	10
CL 972	Sustainability & Strategic Environmental Assessment	5	20
CL 960	Fundamentals of Environmental Forensics	5	10
CL 961	Geographical Information Systems (GIS)	5	10
CL 964	Principles of Sustainability	5	10
EC 927	Environmental Economics	5	10
EC 913	International Environmental Policy	5	10
EC 928	Energy Economics	5	10
EF 939	Environmental Impact Assessment	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 921	Water and Environmental Management	5	10
M9 929	UK and EU Environmental Law	5	10
CL973	Independent Study in Collaboration with Industry	5	10
M9 850	International Environmental Law	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 953	Dissertation in Hydrogeology	5	60
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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 Health (Open Access)**
- Hydrogeology (Open Access)**
- Sustainability and Environmental Studies (Open Access)**

Course Regulations

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

Admission

19.44.251 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Mode of Study

19.44.252 The courses are available via Open Access..

Duration of Study

19.44.253 Regulations 19.1.5 and 19.1.6 shall apply.

Place of Study

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

Curriculum

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

- Environmental Engineering (Open Access)
- Environmental Entrepreneurship (Open Access)
- Environmental Health (Open Access)
- Hydrogeology (Open Access)
- Sustainability and Environmental Studies (Open Access)

All students shall undertake an approved curriculum as follows:
 for the **Postgraduate Certificate** – no fewer than 60 credits 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:

	Level	Credits
CL 968 Open Access Residential Research Class	5	10

Environmental Engineering (Open Access)

Compulsory Classes	Level	Credits
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CL 904	Waste Management and Landfill Design	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 948	Principles of Environmental Microbiology	5	10
CL 975	Environmental Chemistry	5	10
Optional Classes*		Level	Credits
No fewer than 70 credits chosen from:			
CL 507	Ground Improvement and Reinforcement	5	10
CL 970	Environmental Pollution Management	5	10
CL 971	Air Pollution, Climate Change and Human Health	5	10
CL 960	Fundamentals of Environmental Forensics	5	10
CL 947	Climate Change Mitigation and Adaptation	5	10
CL 954	Contaminated Land	5	10
EV 939	Environmental Impact Assessment	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 921	Water and Environmental Management	5	10
CL 961	Geographical Information Systems (GIS)	5	10
M9 929	UK and EU Environmental Law	5	10
CL 956	Environmental Business Strategy	5	10
CL 946	Global Water Policy	5	10
CL 935	Hydrogeology	5	10
CL978	Water and Wastewater Treatment Design	5	10
CL973	Independent Study in Collaboration with Industry		510

Environmental Entrepreneurship (Open Access)

Compulsory Classes		Level	Credits
CL 929	Client-Based Environmental Entrepreneurship in Practice	5	20
Z1 931	Entrepreneurship, Innovation and Commercialization	5	10
Z1938	New Venture Creation	5	10

Optional Classes*		Level	Credits
No fewer than 70 credits chosen from:			
ME927	Energy Resources and Policy	5	10
CL965	Science, Technology and Innovation Policy	5	10
CL947	Climate Change Mitigation and Adaptation	5	10
CL955	Environmental Management Systems	5	10
M9929	UK and EU Environmental Law	5	10
EV905	Ecology, Biodiversity and Sustainability	5	10
EV908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
CL956	Environmental Business Strategy	5	10
CL964	Principles of sustainability	5	10
CL958	Recent Trends in Technological Progress	5	10
CL973	Independent Study in Collaboration with Industry	5	10

M9850	International Environmental Law	5	10
EC922	Principles of Economic Appraisal	5	10
CL972	Sustainability and Strategic Environmental Assessment	5	20
EC927	Environmental Economics	5	10
CL 974	Sustainable Transformation and Accountability	5	10

Environmental Health (Open Access)

Compulsory Classes		Level	Credits
CL 904	Waste Management and Landfill Design	5	10
CL 908	Food Inspection and Control	5	10
CL 909	Food Safety and Hygiene	5	10
CL 911	Introduction to Health & Safety	5	10
CL 912	Occupational Health and Toxicology	5	10
CL 913	Public Health Studies	5	10
CL 914	Infection and Vector Control	5	10
16468	Acoustics	4	10
CL414	Meat Hygiene and Inspection	4	10
CL 969	Contaminated Land Management	5	10
CL 971	Air Pollution, Climate Change and Human Health	5	10

Hydrogeology (Open Access)

Compulsory Classes		Level	Credits
CL 975	Environmental Chemistry	5	10
CL 954	Contaminated Land	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 935	Hydrogeology	5	10
CL 946	Global Water Policy	5	10
CL 952	Aquifer Mechanics	5	10
CL 951	Groundwater Flow Modelling	5	10

Optional Classes*

No fewer than 40 credits chosen from:

		Level	Credits
CL 904	Waste Management and Landfill Design	5	10
EV 939	Environmental Impact Assessment	5	10
EV 905	Ecology, Biodiversity and Sustainability	5	10
EV 908	Pollution and Rehabilitation of Degraded Ecosystems	5	10
EV 921	Water and Environmental Management	5	10
CL 961	Geographical Information Systems (GIS)	5	10
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 and Strategic Environmental Assessment	5	20

CL973	Independent Study in Collaboration with Industry	5	10
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Sustainability and Environmental Studies (Open Access)

Compulsory Classes		Level	Credits
EC 913	International Environmental Policy	5	10
CL 972	Sustainability and 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
CL 974	Sustainable Transformation & Accountability	5	10
CL 978	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
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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..

19.44.261 to
19.44.279 (numbers not used)

Civil Engineering

MSc in Civil Engineering with Industrial Placement

MSc in Civil Engineering with Industrial Placement (Structural Engineering & Project Management)

MSc in Civil Engineering with Industrial Placement (Geotechnical Engineering & Project Management)

MSc in Civil Engineering with Industrial Placement (Geoenvironmental Engineering & Project Management)

Course Regulations

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

Admission

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

Duration of Study

19. 44.281 18 months starting from January and ending in June the following year.

Mode of Study

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

Curriculum

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

for the degree of MSc – no fewer than 210 credits including the CL980 Project and CL 983 Industrial Placement

Compulsory Classes	Level	Credits
CL 509 Civil Engineering Design Projects	5	40
CL 931 Research Protocols for Science & Engineering	5	10
CL 983 Industrial Placement	5	30

MSc Civil Engineering with Industrial Placement

Optional credits from List A	5	40
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MSc Civil Engineering with Industrial Placement (Structural Engineering & Project Management)

CL 507 Ground Improvement and Reinforcement	5	10
CL 510 Advanced Structural Analysis and Design	5	10
CL 976 Prestressed Concrete, Composite Materials and Structural Stability	5	10
EF 931 Project Management	5	10

MSc Civil Engineering with Industrial Placement (Geotechnical Engineering & Project Management)

CL 507 Ground Improvement and Reinforcement	5	10
CL 514 Rock Mechanics, Tunnelling and Groundwater	5	10
CL 917 Slopes and Walls	5	10
EF 931 Project Management	5	10

MSc Civil Engineering with Industrial Placement (Geoenvironmental Engineering & Project Management)

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

Optional Classes	Level	Credits
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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 514 Rock Mechanics, Tunnelling and Groundwater	5	10
CL 904 Waste Management and Landfill Design	5	10
CL 906 Site Investigation and Risk Assessment	5	10
CL 917 Slopes and Walls	5	10
CL 922 Soil Modelling and Numerical Analysis	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
CL 946 Global Water Policy	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 980 Project	5	60
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Examination, Progress and Final Assessment

19. 44.284 Regulations 19.1.25 – 19.1.33 shall apply.

19. 44.285 The final assessment will be based on performance in the examinations, coursework and the CL980 project and CL 983 Industrial Placement where undertaken.

Award

19. 44.286 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Civil Engineering with Industrial Placement, MSc in Civil Engineering with Industrial Placement (Structural Engineering & Project Management), MSc in Civil Engineering with Industrial Placement (Geotechnical Engineering & Project Management) or MSc in Civil Engineering with Industrial Placement (Geoenvironmental Engineering & Project Management), a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 210 credits in the appropriate specialism, of which 90 must have been awarded in respect of the CL 983 Industrial Placement CL980 project.

Transfer

19.44.287 Students who fail to accumulate 210 credits over the programme duration will be transferred and considered for an award of MSc/Postgraduate Diploma or Certificate in an appropriate Civil Engineering programme described in Regulations 19.44.46 to 19.44.48.

19.44.288 to
19.44.300 (numbers not used)

19.45 Department of Design, Manufacture and Engineering Management

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 from the list of taught compulsory classes
for the Postgraduate Diploma – no fewer than 120 credits including all the compulsory classes
for the degree of MSc – no fewer than 180 credits including the DM932 project

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

Compulsory Classes		Level	Credits
DM 923	Product Modelling and Visualisation	5	10
DM 925	Systems Integration	5	10
DM 929	CAED Systems	5	10
DM 931	Postgraduate Group Project	5	40
EF 927	Design Management	5	10

Optional Classes

No fewer than 40 credits chosen from:

DM 924	Product Design Techniques	5	20
DM 934	Design Methods	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10

Students for the degree of MSc only:

DM 932	Postgraduate Individual Project	5	60
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Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Director.

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

- 19.45.124 The courses may be available by full-time or part-time study.

Curriculum Curriculum

19.45.125 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma – no fewer than 120 credits from the lists of taught classes.

for the degree of MSc – no fewer than 180 credits including the DM932 project.

Compulsory Classes		Level	Credits
DM 942	Manufacturing Automation	5	10
DM 924	Product Design Techniques	5	20
DM 923	Product Modelling and Visualisation	5	10
DM 931	Postgraduate Group Project	5	40
EF 931	Project Management	5	10

Optional Classes

No fewer than 30 credits chosen from:

DM 925	Systems Integration	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
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Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Coordinator.

Examination, Progress and Final Assessment

19.45.126 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

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

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

19.45.131

to 19.45.160 (Numbers not used)

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 from the lists of taught classes.

for the Postgraduate Diploma – no fewer than 120 credits from the lists of taught classes.

for the degree of MSc – no fewer than 180 credits including the DM932 project.

Compulsory Classes		Level	Credits
AB977	Digital Media	5	10
AB976	VR and Rapid Prototyping	5	10
DM 923	Product Modelling and Visualisation	5	10
DM 931	Postgraduate Group Project	5	40
EF 930	Information Management	5	10
DM 924	Product Design Techniques	5	20
DM 929	CAED Systems	5	10
DM934	Design Methods	5	10

Students for the degree of MSc only:

DM 932	Postgraduate Individual Project	5	60
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Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Coordinator.

Examination, Progress and Final Assessment

- 19.45.165 Regulations 19.1.25 – 19.1.29 and 19.1.31 – 19.1.33 shall apply.
- 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

19.45.167 Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt. The 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

Curriculum

19.45.194 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the lists of taught classes.

for the Postgraduate Diploma – no fewer than 120 credits from the lists of taught classes.

for the degree of MSc – no fewer than 180 credits including the DM932 project.

Compulsory Classes

Level Credits

AB 975	Sustainability	5	10
DM 918	People, Organisation and Technology	5	10
DM 920	Strategic Technology Management	5	10
DM 931	Postgraduate Group Project	5	40
DM 933	Engineering Risk Management	5	10
DM 935	Management of Total Quality and Continuous Improvement	5	10
MS 969	Advanced Project Management	5	10

Optional Classes

No fewer than 20 credits chosen from:

DM 926	Supply Chain Operations	5	10
DM 941	Fundamentals of Lean Six Sigma	5	10
DM 945	Systems Thinking and Modelling	5	10

Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Co-ordinator.

Students for the degree of MSc only:

DM 932	Postgraduate Individual Project	5	60
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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		Level	Credits
56 961	Compulsory Core 1: Introduction to Systems*	5	40
56 962	Compulsory Core 2: Advanced Systems**	5	50
56 963	Dissertation	5	60

* *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.

19.45.208
to 19.45.210 (Numbers not used)

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 DM932 project.

Students are required to take all core classes and all compulsory classes relevant to their chosen stream.

Compulsory Classes

Level Credits

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
	Optional Class	5	10

Logistics Management specialism

DM 982	Logistics	5	10
MS 924	Spreadsheet Modelling and Demand Forecasting	5	10
	Optional Class	5	10

Procurement Management specialism

BF 956	Organisational Buying Behaviour and Structures	5	10
BF 982	Strategic Procurement Management	5	10
	Optional Class	5	10

Students for the degree of MSc only:

DM 932	Postgraduate Individual Project	5	60
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Optional Classes		Level	Credits
DM 918	People, Organisation and Technology	5	10
DM 920	Strategic Technology Management	5	10
DM 934	Design Methods	5	10
DM 945	Systems Thinking and Modelling	5	10
MS 922	Quantitative Business Analysis	5	10
MS 924	Spreadsheet Modelling and Demand Forecasting	5	10
MS 926	Business Simulation Methods	5	10
MS 927	Risk Analysis and Management	5	10
MS 929	Performance Measurement and Management	5	10

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

Examination, Progress and Final Assessment

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

Award

- 19.45.217 **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.
- 19.45.218 **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.
- 19.45.219 **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.
- 19.45.220 (Number not used)

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]

Admission

- 19.45.221 Regulation 19.1.1 shall apply

Mode of Study

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

Place of Study

19.45.223 The courses are taught at the University of Strathclyde and also off-campus by University of Strathclyde staff at overseas locations.

Curriculum

19.45.224 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.

Compulsory Classes		Level	Credits
DM 971	Supply Chain Operations	5	10
DM 972	Strategic Supply Chain Management	5	10
DM 973	Enterprise Resource Planning	5	10
DM 974	Management of Total Quality and Continuous Improvement	5	10
DM 976	Product Costing and Financial Management	5	10
MS 910	Advanced Project Management	5	10
MS 911	Business, Operations and Supply Chain Strategy	5	12
MS 912	Case Studies in Supply Chain Management	5	20

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	Level	Credits
56418 Design Methods ^O	5	10
DM 945 Systems Thinking and Modelling ^{OLP}	5	10
DM 5xx Facilities Management ^{OL}	5	10
56 520 Strategic Technology Management ^{OP}	5	10
56 511 People and Organisation ^{OLP}	5	10
MS 922 Quantitative Business Analysis ^{OLP}	5	10
MS 924 Spreadsheet Modelling and Demand Forecasting ^{OLP}	5	10
MS 926 Business Simulation Methods ^P	5	10
MS 927 Risk Analysis and Management ^{LP}	5	10
MS 929 Performance Measurement and Management ^O	5	10

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 Universitet, Technische and 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)
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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 Regulation 19.1]

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

Classes		Level	Credits
DM 918	People, Organisation and Technology	5	10
DM 931	Postgraduate Group Project	5	40
DM 935	Management of Total Quality and Continuous Improvement	5	10
DM 941	Fundamentals of Lean Six Sigma	5	10
DM 945	Systems Thinking and Modelling	5	10
DM 949	Design of Experiments for Process Optimisation	5	10
MS 922	Quantitative Business Analysis	5	10

Optional Classes

No fewer than 20 credits chosen from:

DM 926	Supply Chain Operations	5	10
GB 816	Leadership	5	10
MS 957	Service Operations Management	5	10
MS 969	Advanced Project Management	5	10

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

Students for the degree of MSc only:

DM 932	Individual Project	5	60
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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 all the compulsory classes

for the degree of MSc – no fewer than 180 credits including the DM 932 project.

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

Compulsory Classes		Level	Credits
DM 923	Product Modelling and Visualisation	5	10
DM 924	Product Design Techniques	5	20
DM 929	CAED Systems	5	10
DM 931	Postgraduate Group Project	5	40
EF 927	Design Management	5	10

Optional Classes

No fewer than 30 credits chosen from:

DM 925	Systems Integration	5	10
DM 934	Design Methods	5	10
DM 943	Sustainable Product Design and Manufacturing	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10

Students for the degree of MSc only:

DM 932	Postgraduate Individual Project	5	60
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Exceptionally, such other classes totalling no more than 20 credits, as approved by the Course Coordinator.

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.

Compulsory Classes*		Level	Credits
DM 920	Strategic Technology Management	5	10
DM 942	Manufacturing Automation	5	10
DM 946	Micro- and Nano-Manufacturing	5	10
DM 947	Advanced Forming and Technology Systems	5	10
DM 948	Advanced Materials and Production Technology	5	10

together with classes appropriate to the chosen course

Advanced Manufacturing: Technology and Systems

DM 931	Postgraduate Group Project	5	40
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and 30 credits from the list of optional classes below

Advanced Manufacturing: Forging and Forming

65 966	Research Methodology	5	10
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and 60 credits from the list of optional classes below

Optional Classes

DM 924	Product Design Techniques	5	20
DM 925	Systems Integration	5	10
DM 927	Strategic Supply Chain Management	5	10
DM 929	CAED Systems	5	10
DM 941	Fundamentals of Lean Six Sigma	5	10
DM 943	Sustainable Product Design and Manufacturing	5	10
DM 945	Systems Thinking and Modelling	5	10
DM 949	Design of Experiments for Process Optimisation	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10

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

Students for the degree of MSc:

DM 932	Postgraduate Individual Project	5	60
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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

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

19.46 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
 - (i) appropriate professional experience.
- In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

- 19.46.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

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

Compulsory Classes		Level	Credits
EE 969	Digital Signal Processing Principles	5	20
EE 970	Information Transmission and Security	5	20
EE 972	Control Principles	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

EE 971	Communications Networks	5	20
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EE 978	Advanced Digital Signal Processing	5	20
EE 980	Embedded System Design	5	20
EE 981	Image and Video Processing	5	20
EE 982	Control Techniques	5	20
EE 999	PGDip Electronic and Electrical Engineering Dissertation	5	20

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

Students for the degree of MSc only:

EE 990	MSc Project	5	60
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Students without appropriate background knowledge may be additionally required to undertake selected foundation classes.

Examination, Progress and Final Assessment

19.46.5

Regulations 19.1.25 – 19.1.33 shall apply.

19.46.6

The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.7

Degree of MSc: In order to qualify for the award of the degree of MSc in Communications, Control and Digital Signal Processing, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE 990 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 course curriculum.

19.46.9

Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Communications, Control and Digital Signal Processing, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.46.10

to 19.46.19 (Numbers not used)

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 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 the lists of taught classes.

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes		Level	Credits
EE 973	Advanced Power System Analysis and Protection	5	20
EE 976	Power System Economics, Markets and Asset Management	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

EE 974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE 975	Power Electronics for Energy and Drive Control	5	20
EE 977	Wind Energy and Distributed Energy Resources	5	20
EE 984	Wind Turbine Control	5	10
EE 985	Software Engineering	5	20
MS 928	Business Information Systems	5	10
MS 969	Advanced Project Management	5	10
EE 999	PGDip Electronic and Electrical Engineering Dissertation	5	20

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

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

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes		Level	Credits
19 940	General and Strategic Management	5	12
19 941	Financial Management	5	12
19 942	Information Systems Strategy	5	12
19 943	Power System Operation and Management	5	12
19 944	Power System Economics and Regulatory Issues	5	12
Optional Classes			
19 945	Power Generation Technologies: Electrical	5	12
19 946	Power Generation Technologies: Mechanical	5	12
19 947	Power System Analysis and Design	5	12
19 948	Power System Protection, Control and Monitoring	5	12
19 949	Power Engineering and the Environment	5	12
19 950	High Voltage Engineering	5	12
19 951	Energy Management and System Analysis	5	12
19 952	Manufacturing Systems for Power Plant	5	12
19 953	Project and Contract Management	5	12
19 954	Human Resource Management	5	12
19 955	Intelligent System Applications in Power Engineering	5	12
19 956	Networking and Communications	5	12
19 957	Database Management and Applications	5	12

In addition, students may select other classes offered by the Department of Electronic and Electrical Engineering on other postgraduate courses subject to the approval of the Course Director.

Students for the degree of MSc only:

EE 990	Project	5	60
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Examination, Progress and Final Assessment

19.46.44 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.45 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

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

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 the lists of taught classes.

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes		Level	Credits
EE986	Assignment and Professional Studies	5	20
Optional Classes			
EE 966	Power Electronics, Machines and Applications	5	20
EE 967	Power System Design, Operation and Protection	5	20
EE 969	Digital Signal Processing Principles	5	20
EE 970	Information Transmission and Security	5	20
EE 971	Communications Networks	5	20

EE 972	Control Principles	5	20
EE 973	Advanced Power System Analysis and Protection	5	20
EE 974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE 975	Power Electronics for Energy and Drive Control	5	20
EE 976	Power System Economics, Markets and Asset Management	5	20
EE 977	Wind Energy and Distributed Energy Resources	5	20
EE 978	Advanced Digital Signal Processing	5	20
EE 980	Embedded System Design	5	20
EE 981	Image and Video Processing	5	20
EE 982	Control Techniques	5	20
EE 985	Software Engineering	5	20
EE 999	PGDip Electronic and Electrical Engineering Dissertation	5	20

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

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

Students for the degree of MSc only:

EE 990	MSc Project	5	60
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Students without appropriate background knowledge may be additionally required 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 and the EE 990 Project where undertaken.

Award

19.46.66

Degree of MSc: In order to qualify for the award of the degree of MSc in Electronic and Electrical Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE 990 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 course curriculum.

19.46.68

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

19.46.69

to 19.46.99 (Numbers not used)

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 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 the list of taught classes.

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes

		Level	Credits
EE 969	Digital Signal Processing Principles	5	20
EE 978	Advanced Digital Signal Processing	5	20
EE 980	Embedded System Design	5	20
EE 981	Image and Video Processing	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

EE 966	Power Electronics, Machines and Applications	5	20
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EE 967	Power System Design, Operation and Protection	5	20
EE 970	Information Transmission and Security	5	20
EE 971	Communications Networks	5	20
EE 972	Control Principles	5	20
EE 973	Advanced Power System Analysis and Protection	5	20
EE 974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE 975	Power Electronics for Energy and Drive Control	5	20
EE 976	Power System Economics, Markets and Asset Management	5	20
EE 977	Wind Energy and Distributed Energy Resources	5	20
EE 982	Control Techniques	5	20
EE 985	Software Engineering	5	20
EE 999	PGDip Electronic and Electrical Engineering Dissertation	5	20

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

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

Students for the degree of MSc only:

EE 990	MSc Project	5	60
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Students without appropriate background knowledge may be additionally required to undertake selected foundation classes.

Examination, Progress and Final Assessment

- 19.46.104 Regulations 19.1.25 – 19.1.33 shall apply.
 19.46.105 The final assessment will be based on performance in the examinations, coursework and the EE 9990 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 EE 990 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 course curriculum.
- 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 course curriculum.

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 English.

Duration of Study

19.46.112 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.46.114 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the list of taught compulsory classes.

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes		Level	Credits
EE 970	Information Transmission and Security	5	20
EE 971	Communications Networks	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

EE 969	Digital Signal Processing Principles	5	20
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EE 985	Software Engineering	5	20
MS 928	Business Information Systems	5	10
MS 969	Advanced Project Management	5	10
MG 803	Creativity, Change and Innovation	5	20
MG 804	Strategic Technology Management	5	20
EE 999	PGDip Electronic and Electrical Engineering		
	Dissertation	5	20

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

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

Students for the degree of MSc only:

EE 990	MSc Project	5	60
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Students without appropriate background knowledge may be additionally required to undertake selected foundation classes.

Examination, Progress and Final Assessment

19.46.115 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.116 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.117 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Communications Technology and Policy, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE 990 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 course curriculum.

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

19.46.120

to 19.46.139 (Numbers not used)

Wind Energy Systems

MSc in Wind Energy Systems

Postgraduate Diploma in Wind Energy Systems

Postgraduate Certificate in Wind Energy Systems

Course Regulations

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

Admission

- 19.46.140 Notwithstanding Regulation 19.1.1, applicants shall possess
- (i) a first or second class Honours degree (in Electrical or Electronic Engineering or a cognate subject) from a United Kingdom university; or
 - (ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
 - (iii) appropriate professional experience
- In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

- 19.46.141 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

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

Curriculum

- 19.46.143 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the lists of taught classes.

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

for the degree of MSc – no fewer than 180 credits including the EE990 project.

Compulsory Classes		Level	Credits
EE 989	Wind Turbine Technology	5	20
EE 984	Wind Turbine Control	5	10
EE 988	Power Systems and Wind Integration	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

BF 981	Socio-Economics of Energy Systems	5	10
EE 966	Power Electronics, Machines and Applications	5	20
EE 967	Power System Design, Operation and Protection	5	20
EE 973	Advanced Power System Analysis and Protection	5	20
EE 974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE 975	Power Electronics for Energy and Drive Control	5	20
EE 976	Power System Economics, Markets and Asset Management	5	20
EE 999	PGDip Electronic and Electrical Engineering Dissertation	5	20
NM 946	Inspection and Survey	5	20
CL 961	Geographical Information Systems	5	10
EV 939	Environmental Impact Assessment	5	10

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

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

Students for the degree of MSc only:

EE 990	MSc Project	5	60
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Students without appropriate background knowledge may be additionally required to undertake selected foundation classes.

Examination, Progress and Final Assessment

19.46.144 Regulations 19.1.25 – 19.1.33 shall apply.

19.46.145 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

19.46.146 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Wind Energy Systems, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the EE 990 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 course curriculum.

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

19.46.149

to 19.46.159 (Numbers not used)

19.46 Department of Electronic and Electrical Engineering

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 including the EE900 project.

Compulsory Classes		Level	Credits
EE 973	Advanced Power System Analysis and Protection	5	20
EE 974	High Voltage Technology and Electromagnetic Compatibility	5	20
EE 975	Power Electronics for Energy and Drive Control	5	20
EE 976	Power System Economics, Markets and Asset Management	5	20
EE 977	Wind Energy and Distributed Energy Resources	5	20
EE 986	Assignment and Professional Studies	5	20

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

Optional Classes

EE 969	Digital Signal Processing Principles	5	20
EE 970	Information Transmission and Security	5	20
EE 971	Communications Networks	5	20
EE 972	Control Principles	5	20
EE 982	Control Techniques	5	20
EE 985	Software Engineering	5	20

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

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

Students for the degree of MSc only:

EE 900	MSc Project	5	80
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Students without appropriate background knowledge may be additionally required to undertake selected foundation classes.

Examination, Progress and Final Assessment

- 19.46.164 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.46.165 In order to progress to the second year of the course, a student must have accumulated no fewer than 120 credits from the course curriculum of which at least 100 credits are obtained at 1st attempt.
- 19.46.166 Students who fail to accumulate 100 credits or more at 1st attempt in year 1 of the programme will be transferred and considered for an award of Postgraduate Diploma in Electronic and Electrical Engineering.
- 19.46.167 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.
- 19.46.168 The final assessment will be based on performance in the examinations, coursework and the EE 990 Project where undertaken.

Award

- 19.46.169 **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 EE 990 Project.
- 19.46.170 Students who fail to accumulate 240 credits over the programme duration will be transferred and considered for an award of MSc/Postgraduate Diploma in Electronic and Electrical Engineering or MSc/Postgraduate Diploma in Electrical Power Engineering with Business.

19.47 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 *

		Level	Credits
ME 917	Advanced Boiler Technologies 1	5	10
ME 918	Advanced Boiler Technologies 2	5	10
ME 919	Electrical Power Systems	5	10
ME 920	Materials for Power Plant	5	10
ME 922	Energy Resources and Policy	5	10
ME 923	Gas and Steam Turbines	5	10
ME 924	Power Plant Systems	5	10
ME 926	Nuclear Power Systems	5	10

List B: Faculty-wide Classes *		Level	Credits
EF 927	Design Management	5	10
EF 930	Information Management	5	10
EF 932	Risk Management	5	10
EF 929	Financial Engineering	5	10
EF 931	Project Management	5	10
AB 975	Sustainability	5	10

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

Students for the degree of MSc only:

EF 900	Project	5	60
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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

List A: Specialist Classes *

		Level	Credits
ME 917	Advanced Boiler Technologies 1	5	10
ME 918	Advanced Boiler Technologies 2	5	10
ME 929	Electrical Power Systems	5	10
ME 920	Materials for Power Plant	5	10
ME 919	Energy Resources and Policy	5	10
ME 923	Gas and Steam Turbines	5	10
ME 924	Power Plant Systems	5	10
ME 926	Nuclear Power Systems	5	10

List B: Faculty-wide Classes *

EF 927	Design Management	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EF 929	Financial Engineering	5	10
AB 975	Sustainability	5	10

* 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
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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

MSc in Advanced Mechanical Engineering with Materials

MSc in Advanced Mechanical Engineering with Power Plant Technologies

Postgraduate Diploma in Advanced Mechanical Engineering

Postgraduate Certificate in Advanced Mechanical Engineering

Course Regulations

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

Admission

- 19.47.21 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

		Level	Credits
EF 927	Design Management	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EF 929	Financial Engineering	5	10
AB 975	Sustainability	5	10
EV 939	Environmental Impact Assessment	5	10
DM 930	Knowledge Engineering and Management for Engineers	5	10

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:

16598	Aerodynamic Performance	5	10
16599	Aerodynamic Propulsion Systems	5	10
ME 512	Spaceflight Mechanics	5	10

For the degree of MSc Advanced Mechanical Engineering with Energy Systems, the following classes are compulsory:

ME 927	Energy Resources and Policy	5	10
ME 929	Electrical Power Systems	5	10
ME 930	Energy Modelling and Monitoring	5	10

For the degree of MSc in Advanced Mechanical Engineering with Materials, the following classes are compulsory:

16 565	Engineering Composites	5	10
ME 523	Polymer and Polymer Composites	5	10
ME 931	Industrial Metallurgy	5	10

For the degree of MSc in Advanced Mechanical Engineering with Power Plant Technologies, the following classes are compulsory:

ME 917	Advanced Boiler Technologies 1	5	10
ME 929	Electrical Power Systems	5	10
ME 923	Gas and Steam Turbines	5	10

Students for the degree of MSc only:

EF 900	Project	5	60
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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

19.47.27

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, MSc in Advanced Mechanical Engineering with Energy Systems, Advanced Mechanical Engineering with Materials and Advanced Mechanical Engineering with Power Plant Technologies the candidate must have attained the credits in the appropriate compulsory classes

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.

19.49 Department of Naval Architecture, Ocean and Marine Engineering

Marine Engineering

MSc in Marine Engineering

Postgraduate Diploma in Marine Engineering

Postgraduate Certificate in Marine Engineering

Course Regulations

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

Admission

19.49.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply

Duration of Study

19.49.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.49.4 All students shall undertake an approved curriculum as detailed below.

for the Postgraduate Certificate – no fewer than 60 credits
for the Postgraduate Diploma – no fewer than 120 credits, including 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

		Level	Credits
NM 946	Inspection and Survey	5	10
NM 949	Marine Transport and Economics	5	10
NM 950	Maritime Safety and Risk	5	10
NM 951	Marine Engineering Simulation and Modelling	5	10
NM 952	Advanced Marine Engineering	5	10
NM 980	Onboard Energy Management and Marine Environment Protection	5	10
NM 916	Systems Availability and Maintenance	5	10

Optional Classes

10 credits chosen from

EF 927	Design Management	5	10
EF 928	Environmental Impact and Sustainability	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EF 929	Financial Engineering	5	10

Students for the Postgraduate Diploma and degree of MSc only			
NM 964	Group Project	5	40

Students for the degree of MSc only:			
NM 965	Individual Project	5	60

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.
- 19.49.10 to 19.49.19 (Numbers not used)

Technical Ship Management

MSc in Technical Ship Management
Postgraduate Diploma in Technical Ship Management
Postgraduate Certificate in Technical Ship Management

Course Regulations

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

Admission

- 19.49.20 Regulations 19.1.1 and 19.1.2 shall apply. In the first instance, students shall normally be admitted to either the Postgraduate Diploma or MSc course.

Duration of Study

- 19.49.21 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

- 19.49.23 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes		Level	Credits
NM 937	Maritime Law, Contracts and Insurance	5	10
NM 946	Inspection and Survey	5	10
NM 949	Marine Transport and Economics	5	10
NM 950	Maritime Safety and Risk	5	10
NM 973	Maritime Regulatory Framework	5	10
NM 916	Systems Availability and Maintenance	5	10
NM 980	Onboard Energy Management and Marine Environment Protection	5	10
HR 942	HRM in a Business Context	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

- 19.49.24 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

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

Compulsory Classes		Level	Credits
NM 946	Inspection and Survey	5	10
NM 957	Offshore Engineering Practice	5	10
NM 958	Risers and Mooring Lines	5	10
NM 959	Dynamics of Floating Offshore Installations	5	10
NM 960	Finite Element Analysis of Floating Structures	5	10
NM 950	Maritime Safety and Risk	5	10
NM 961	Design and Construction of FPSOs	5	10

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
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Students for the degree of MSc only:

NM 965	Individual Project	5	60
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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 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.
- 19.49.58 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits, of which no fewer than 80 must be from the taught classes and 40 from the Group Project.
- 19.49.59 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Offshore Floating Systems a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught classes of the course.
- 19.49.60 (Number not used)

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

Compulsory Classes		Level	Credits
NM 946	Inspection and Survey	5	10
NM 948	Subsea Systems and Installation	5	10
NM 950	Maritime Safety and Risk	5	10
NM 957	Offshore Engineering Practice	5	10
NM 958	Risers and Mooring Lines	5	10
NM 966	Marine Pipelines	5	10
NM 977	Subsurface Technology	5	10

Optional Classes

No fewer than 10 credits chosen from:

NM 975	Computational Free Surface Hydrodynamics	5	10
NM 959	Dynamics of Floating Offshore Installations	5	10
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
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Students for the degree of MSc only:

NM 965	Individual Project	5	60
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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

Classes		Level	Credits
NM 967	Reliability-Based Structural Design and Plated Structures	5	10
NM 958	Risers and Mooring Lines	5	10
NM 959	Dynamics of Floating Offshore Installations	5	10
NM 962	Advanced Marine Structures	5	10
NM 960	Finite Element Analysis of Floating Structures	5	10
NM 979	Computational Modelling of Problems in Structural Mechanics	5	10
NM 981	Materials Engineering	5	20
Students for the Postgraduate Diploma and degree of MSc only:			
NM 964	Group Project	5	40
Students for the degree of MSc only:			
NM 965	Individual Project	5	60

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

- 19.49.77 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Ship and Offshore Structures a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Individual Project.
- 19.49.78 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Ship and Offshore Structures, a candidate must have accumulated no fewer than 120 credits of which 40 must have been awarded in respect of the Group Project.
- 19.49.79 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Ship and Offshore Structures, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

Ship and Offshore Technology

MSc in Ship and Offshore Technology

Course Regulations

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

The course is offered jointly between the University of Strathclyde and Hamburg University of Technology, and the awards are made in the name of the two Universities. Students shall be subject to the course regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which they are studying.

Admission

- 19.49.81 Candidates will be admitted in the first instance to the MSc, and shall normally:
- (i) Possess a bachelors 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.

Duration of Study

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

Place of Study

- 19.49.83 The course will be taught at the University of Strathclyde in the first year, and Hamburg University of Technology for the second year.

Mode of Study

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

Curriculum

First Year

19.49.85

All students shall spend the first year at the University of Strathclyde and undertake classes amounting to no fewer than 120 credits (60 ECTS) as follows:

Compulsory Classes		Level	Credits	ECTS
NM 957	Offshore Engineering Practice	5	10	5
NM 958	Risers and Mooring Lines	5	10	5
NM 966	Marine Pipelines	5	10	5
NM 959	Dynamics of Floating Offshore Inst.	5	10	5
NM 950	Maritime Safety and Risk	5	10	5
NM 961	Design and Construction of FPSOs	5	10	5
NM 963	Theory and Practice of Marine CFD	5	10	5
NM 946	Inspection and Survey	5	10	5
NM 983	MSc Group Project – NAME (Ship and Offshore Technology)	5	20	10
NM 982	Research Project – Ship and Offshore Technology	5	20	10

Students may be permitted to substitute one approved class from other postgraduate courses offered, including modern languages subject to approval by the Course Director at University of Strathclyde or the Examination Board at Hamburg University of Technology.

Between First and Second Year, (optional, no credits)

Intensive German language course

Second Year

Students shall spend their second year at Hamburg University of Technology and undertake classes amounting to no fewer than 60 ECTS (120 credits) as follows:

Compulsory Classes		Level	Credits	ECTS
NM 996	Structural Analysis of Ships & Offshore Structures	5	8	4
NM 991	Sea-keeping of Ships	5	8	4
NM 993	Ship Design	5	8	4
NM 988	Manoeuvrability	5	6	3
NM 985	Fatigue Strength of Ships and Offshore Structures	5	8	4
NM 994	Ship Vibration	5	8	4
NM 989	Master Thesis	5	60	30

Optional Classes

No fewer than 14 credits (7 ECTS) chosen from:

NM 992	Seminar Naval Architecture and Ocean Engineering	5	6	3
NM 984	Computational Fluid Dynamics II	5	10	5
NM 990	Nonlinear Structural Analysis	5	8	4

NM 995	Special Topics of Ship Propulsion	5	6	3
<i>either</i>				
NM 986	German I	1	8	4
<i>Or</i>				
NM 987	German 2	2	8	4

With the approval of the Course Director, students may be permitted to substitute one approved class from other postgraduate courses offered.

Examination, Progress and Final Assessment

- 19.49.86 For the degree award of MSc, candidates are required to pass all module examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Master Thesis.
- 19.49.87 In order to progress to the second year of the course, a student must normally have accumulated no fewer than 120 credits from the agreed curriculum in the first year.
- 19.49.88 Candidates who fail to satisfy the Board of Examiners in any taught class shall, at the discretion of the Board of Examiners, be permitted one further attempt to pass the relevant class(es) at the earliest opportunity and no longer than two years after the initial attempt, the number of attempts permitted depending on the regulations at the University of Strathclyde or Hamburg University of Technology, respectively.
- 19.49.89 The final assessment and degree award will be based the results of the first attempt in the examinations, coursework and the Master Thesis. The results of resits are used for accumulation of credits only.

Award

- 19.49.90 **Degree of MSc:** In order to qualify for the award of the joint degree of MSc in Ship and Offshore Technology, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 SCQF credits (60 ECTS) at the University of Strathclyde and 60 ECTS (120 SCQF credits) at the University of Hamburg, of which 30 ECTS (60 SCQF credits) must have been awarded in respect the Master thesis.

Transfer

- 19.49.91 Students who do not perform at MSc level may be considered for a Postgraduate Diploma or a Postgraduate Certificate in Ship and Offshore Technology, to be awarded by the University of Strathclyde only.
- 19.49.92
To 19.49.100(Numbers not used)

Ship and Offshore Technology

Postgraduate Diploma in Ship and Offshore Technology
Postgraduate Certificate in Ship and Offshore Technology

Course Regulations

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

- Admission**
19.49.101 Students will have been admitted in the first instance to the degree of MSc in Ship and Offshore Technology.
- Nature of Study**
19.49.102 The course is available by full-time study only.
- Curriculum**
19.49.103 See Regulation 19.49.85, First Year Curriculum.
- Examination, Progress and Final Assessment**
19.49.104 Regulations 19.1.25 – 19.1.33 shall apply.
19.49.105 The final assessment will be based on performance in the examinations and coursework and, if required, in an oral examination.
- Award**
19.49.106 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Ship and Offshore Technology, a candidate must have accumulated no fewer than 120 credits from the course curriculum.
19.49.107 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Ship and Offshore Technology, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
- 19.50
(Numbers not used)

Faculty of Engineering

19.60 **Department of Naval Architecture, Ocean and Marine Engineering**

Ocean and Marine Engineering

Graduate Diploma in Ocean and Marine Engineering

Course Regulations

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

Admission

19.61 Regulation 18.1.1 shall apply.

Duration of Study

19.62 Regulations 18.1.5 and 18.1.6 shall apply.

Mode of Study

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

Curriculum

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

Compulsory Class		Level	Credits
NM 4xx	Ocean and Marine Engineering Graduate Diploma Project	4	20

Optional Classes

No fewer than 100 credits chosen from classes listed in Regulation 11.49.6.

Examination, Progress and Final Assessment

19.65 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.

19.66 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

19.67 **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Ocean and Marine Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits at Level 4, of which 20 must have been awarded in respect of the Dissertation.

Strathclyde Business School

19.80 Faculty Courses

19.80.1
to 19.80.59 (Numbers not used)

Research Methodology in Business and Management

Masters in Research Methodology in Business Management

Postgraduate Diploma in Research Methodology in Business and Management

Postgraduate Diploma in Research Methodology in Business and Management with Specialisation in Risk and Reliability

Postgraduate Certificate in Research Methodology in Business and Management

Postgraduate Certificate in Research Methodology in Business and Management with Specialisation in Risk and Reliability

Course Regulations

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

Admission

19.80.60 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.80.61 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.80.63 All students shall undertake an approved curriculum as follows:

Research Methodology in Business and Management

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

Compulsory Classes

		Level	Credits
BF 991	Research Philosophy	5	20
BF 992	Research Methods	5	20

Optional Classes

No fewer than 20 credits chosen from the approved list of optional classes in Regulation 19.80.64.

Students for the Postgraduate Diploma in addition shall undertake

Compulsory Classes		Level	Credits
BF 984	Research Colloquium	5	10
either			
BF 994	Introduction to Quantitative Methods: Survey		

	Design and Analysis	5	10
and			
BF 998	Advanced Quantitative Methods	5	10
or			
BF 995	Advanced Qualitative Methods	5	20

Optional Classes

No fewer than 50 credits chosen from the approved list of optional classes in Regulation 19.80.64.

Research Methodology in Business and Management with Specialisation in Risk and Reliability

for the Postgraduate Certificate – no fewer than 60 credits including those for all the classes in List A and 20 credits chosen from List B
for the Postgraduate Diploma – no fewer than 120 credits including those for all the classes in Lists A and B and no fewer than 40 credits chosen from Regulation 19.80.64

Classes		Level	Credits
List A			
BF 991	Research Philosophy	5	20
BF 992	Research Methods	5	20
List B			
MS 502	Basic Reliability Theory and Techniques	5	5
MS 503	Advanced System Reliability Modelling	5	10
MS 507	Modelling within Reliability and Maintainability	5	10
MS 927	Risk Analysis and Management	5	10
MS 962	Foundations of Risk	5	10
MS 963	Risk Governance	5	10

19.80.64 **Approved List of Optional Classes**

BF 977	Special Topics 1	5	20
BF 978	Special Topics 2	5	20
BF 979	Special Topics 3	5	20
BF 993	Research Colloquium*	5	20
BF 995	Advanced Qualitative Methods*	5	20
BF 996	Writing and Presenting Research	5	10
BF 997	Interdisciplinary Collaborative Research	5	10
BF 998	Advanced Quantitative Methods*	5	10
BF 994	Introduction to Advanced Quantitative Methods: Survey Design and Analysis*	5	10
Z1 937	Entrepreneurship Research	5	10

Subject-specific classes from other Master's courses in the Business School at the discretion of the Course Organiser.

*If not already taken.

19.80.65 **Examination, Progress and Final Assessment** 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

Compulsory Classes

Level Credits

BF 951	Procurement and Marketing in the International Environment	5	15
BF 952	Procurement Research	5	15
BF 982	Strategic Procurement Management	5	10
BF 954	Total Quality Management	5	15
BF 955	Action Learning Project	5	20

Optional Classes*		Level	Credits
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
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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		Level	Credits
AG909	Quantitative Methods for Finance	5	20
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
AG912	International Financial Markets & Banking	5	20
AG915	Advanced Corporate Finance & Applications	5	20
AG925	Derivatives and Treasury Management	5	20

Students for the degree of MSc only:

Optional Classes

20 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 & Management	5	10

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		Level	Credits
AG909	Quantitative Methods for Finance	5	20
AG910	Principles of Finance	5	20
AG911	Accounting & Financial Analysis	5	20
AG912	International Financial Markets & Banking	5	20
AG914	Advanced Accounting	5	20
AG915	Advanced Corporate Finance & Applications	5	20
AG920	Management Accounting	5	10

Students for the degree of MSc only:

AG913	Dissertation	5	40
or			
AG913	Empirical Research Project	5	40

Optional Classes

10 credits chosen from:

AG918	Security Analysis	5	10
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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

		Level	Credits
AG 909	Quantitative Methods for Finance	5	20
AG 910	Principles of Finance	5	20
AG 911	Accounting & Financial Analysis	5	20
AG 912	International Financial Markets & Banking	5	20
AG 917	Topics in Corporate Finance	5	10
AG 919	Risk Management of Banks	5	10
AG 922	Financial Management of Banks	5	10
AG 925	Derivatives and Treasury Management	5	20

Students for the degree of MSc only:

AG 913	Dissertation	5	40
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Optional Classes

10 credits chosen from:

AG 916	Behavioural Finance	5	10
AG 918	Security Analysis	5	10
AG 920	Management Accounting	5	10
AG 923	Empirical Methods in Finance	5	10
AG 924	Portfolio Theory and Management	5	10

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		Level	Credits
AG 909	Quantitative Methods for Finance	5	20
AG 910	Principles of Finance	5	20
AG 911	Accounting & Financial Analysis	5	20
AG 912	International Financial Markets & Banking	5	20
AG 917	Topics in Corporate Finance	5	10
AG 918	Security Analysis	5	10
AG 924	Portfolio Theory & Management	5	10
AG 925	Derivatives & Treasury Management	5	20

Students for the degree of MSc only:

AG 913	Dissertation	5	40
Or			
AG 913	Empirical Research Project	5	40

19.82 Department of Economics

Applied Economics

MSc in Applied Economics

Postgraduate Diploma in Applied Economics

Postgraduate Certificate in Applied Economics

Course Regulations

[These regulations are to be read in conjunction with 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.

Compulsory Classes		Level	Credits
EC 916	Foundations of Microeconomics	5	10
EC 917	Further Topics in Microeconomics	5	10
EC 918	Macroeconomics for the Business Environment	5	10
EC 919	Macroeconomics for the Global Business Environment	5	10
EC 922	Principles of Economic Appraisal	5	10
EC 923	Economic Appraisal of Programmes & Policies	5	10
EC 920	Analysis of Economic Data	5	10
EC 921	Quantitative Methods	5	10

Optional Classes

No fewer than 40 credits chosen from the list below, and any other deemed appropriate by the Course Director :

EC 924	Fundamentals of Business Economics	5	10
EC 925	International Trade and Policy	5	10
EC 935	Games of Strategy	5	10
EC 927	Environmental Economics	5	10
EC 928	Energy Economics	5	10

Students for the degree of MSc only:

		Level	Credits
EC 929	Dissertation	5	60

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.

Compulsory Classes		Level	Credits
EC 933	Global Energy Issues, Industries and Markets	5	20
EC 931	Energy Policy, Politics, Business Structures and Finance	5	20
EC934	Global Energy Technologies, Impacts and Implementation	5	20
EC932	Global Energy Forum	5	20
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
OR			

EC928	Energy Economics	5	10
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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
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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.

19.82.61 to
19.82.81 (numbers not used)

Leadership for Global Sustainable Cities

MSc in Leadership for Global Sustainable Cities
Postgraduate Diploma in Leadership for Global Sustainable Cities
Postgraduate Certificate in Leadership for Global Sustainable Cities

Course Regulations

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

Admission

- 19.82.82 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

- 19.82.83 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

- 19.82.85 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the compulsory classes

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

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

Compulsory Classes	Level	Credits
EC937 City Systems and Infrastructure	5	10
EC938 Global cities: society and sustainability	5	10
EC939 Understanding and modelling Cities	5	10
EC940 Business Models, Financing and Urban Business Case Analysis	5	10
EC941 City Design and Planning	5	10
EC942 Public Policy, Governance and Strategic Change in Cities	5	10
EC943 Leadership Skills for Urban Change	5	20

Optional Classes

40 credits from such other classes as approved by the Course Director.

Students for the degree of MSc only:

EC944 Transformative Projects

5

60

Examination, Progress and Final Assessment

19.82.86 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

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

19.82.89 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Leadership for Global Sustainable Cities a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

19.82.90 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Leadership for Global Sustainable Cities, a candidate must have accumulated no fewer than 60 credits from the taught compulsory classes of the course.

19.82.91 to

19.82.101 (Numbers not used)

MSc in Economics and Finance

Postgraduate Diploma in Economics and Finance

Postgraduate Certificate in Economics and Finance

Course Regulations

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

Admission

19.81.102 Notwithstanding Regulations 19.1.1, applicants shall possess

(i) a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Mathematics, Statistics or Computing); or

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

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

Duration of Study

19.81.103 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

All students shall undertake an approved curriculum as follows:
 for the Postgraduate Certificate – no fewer than 60 credits
 for the Postgraduate Diploma – no fewer than 120 credits
 for the degree of MSc – no fewer than 180 credits including all the compulsory classes and a dissertation or project

Compulsory Classes		Level	Credits
AG 910	Principles of Finance	5	20
AG 911	Accounting & Financial Analysis	5	20
EC 916	Foundations of Microeconomics	5	10
EC 917	Further Topics in Microeconomics	5	10
EC 918	Macroeconomics for the Business Environment	5	10
EC 919	Macroeconomics for the Global Business Environment	5	10
EC 920	Analysis of Economic Data	5	10
EC 921	Quantitative Methods	5	10

and

EITHER:

AG 915	Advanced Corporate Finance & Applications	5	20
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OR:

AG 925	Derivatives and Treasury Management	5	20
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OR

AG917	Topics in Corporate Finance	5	10
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AND

AG929	Derivatives	5	10
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Students for the degree of MSc only:

Optional Classes

20 credits chosen from:

AG 916	Behavioural Finance	5	10
AG 918	Security Analysis	5	10
AG 920	Management Accounting	5	10
AG 921	International Accounting	5	10
AG 924	Portfolio Theory and Management	5	10
EC 922	Principles of Economic Appraisal	5	10
EC 924	Fundamentals of Business Economics	5	10
EC 935	Games of Strategy	5	10
EC 927	Environmental Economics	5	10
EC 928	Energy Economics	5	10

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

Either

EC946	Dissertation	5	40
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OR

AG 913	Research Projects/Dissertation	5	40
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- Examination, Progress and Final Assessment**
- 19.81.106 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.81.107 The final assessment will be based on performance in the examinations, coursework, the dissertation where undertaken.
- Award**
- 19.81.108 **Degree of MSc:** In order to qualify for the award of the degree of the MSc in Economics and Finance, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the dissertation.
- 19.81.109 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Economics and Finance, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.81.110 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Economics and Finance, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
- 19.81.110 to
19.81.199 (Numbers 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

Compulsory Classes		Level	Credits
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 916	HRM in a Business Context	5	20
HR 917	Managing in Human Resources	5	20
HR 922	Business Skills	5	10
HR 923	Management Research Report	5	20

Optional Classes

No fewer than 10 credits chosen from:

41 910	Employment Issues and the Law	5	10
HR 918	Labour and Diversity in a Global Context	5	10
HR 931	The Psychology of Risk Management	5	10
HR 938	Leadership*	5	10

* This class will only be available at SBS Spring School

Students for the degree of MSc only:

41 900	Methods of Professional Inquiry and Dissertation	5	60
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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:

Compulsory Classes		Level	Credits
HR 925	The Context of Pay	5	20
HR 926	Pay Relativities	5	20
HR 927	Managing Pay Systems	5	20

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 any discipline from a United Kingdom University; or

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

Compulsory Classes		Level	Credits
HR 914	Global Staffing	5	20
HR 915	Business Systems	5	10
HR 916	HRM in a Business Context	5	20
HR 918	The Labour and Diversity in a Global Context	5	10
HR 919	Comparative Employment Relations	5	20
HR 920	Methods of Professional Enquiry	5	10
HR 923	Research Project	5	20

Optional Classes

No fewer than 20 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

*This class will only be available at SBS Spring School

Students for the degree of MSc only:

HR 924	Dissertation	5	60
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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 19.84.60 (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 Ecole Hôtelière de Lausanne (EHL) in Switzerland.

Mode of Study

19.84.64 The courses are available by part-time study.

Curriculum

19.84.65 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits for

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

		Level	Credits
HR932	Assessing the future and its impact on the hospitality and tourism industry	5	10
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.

19.84.72 to
19.91 (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:

Compulsory Classes		Level	Credits
MG 914	Managing People in Organizations	5	10
MG 915	Marketing Management	5	10
MG 916	Operations Management	5	10
MG 917	Financial and Management Accounting	5	10
MG 918	Finance and Financial Management	5	10
MG 919	Analytical Support for Decision Making	5	10
MG 920	Exploring the International Business Environment	5	10
MG 921	Strategy Analysis and Evaluation	5	10
MG 922	Making Strategy	5	10
MG 923	Strategic Consulting in Practice	5	10
MG 924	MBA Project	5	40
MG 982	The Reflective Practitioner	5	20

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		Level	Credits
MG817	Leadership in Organisations	5	20

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		Level	Credits
MG 920	Exploring the International Business Environment	5	10
MG 922	Making Strategy	5	10
MG 923	Strategic Consulting in Practice	5	10
MG 924	MBA Project	5	40
MG 982	The Reflective Practitioner	5	20

for students registering with effect from 2010/11

Compulsory Classes		Level	Credits
MG 920	Exploring the International Business Environment	5	10
MG 921	Strategy Analysis and Evaluation	5	10
MG 922	Making Strategy	5	10
MG 923	Strategic Consulting in Practice	5	10
MG 924	MBA Project	5	40

MG 982	The Reflective Practitioner	5	20
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Optional Classes

No fewer than 20 credits chosen from the classes listed in Regulation 19.92.6

Approved List of Optional Classes

19.92.6

GB 810	Global Operations Strategy	5	10
GB 867	Programme and Project Management	5	10
GB 868	Understanding Change	5	10
GB 872	Change Agency	5	10
MG 905	Reflexive Management Practice	5	10
MG 935	Strategic Decision Making	5	10
MG 936	Strategic Financial Management	5	10
MG 938	New Venture Creation	5	10
MG 940	Business Process Management with SAP	5	10
MG 941	Strategic Risk Management and Accounting	5	10
MG 942	Leadership	5	10
MG 943	Business Marketing Relationships	5	10
MG 944	Managing for Shareholder Value	5	10
MG 946	Effective Measurement of Business Performance	5	10
MG 947	Entrepreneurial Finance	5	10
MG 949	Project Risk Analysis and Management	5	10
MG 953	International Business	5	10
MG 954	International Accounting and Finance	5	10
MG 959	Brand Development in Asia	5	10
MG 971	Marketing in a Digital and Cross-Cultural World	5	10
MG 974	Organisational Ethics	5	10
MG 975	Corporate Fraud	5	10
MG 976	E-Business Strategy	5	10
MG 977	International Financial Reporting	5	10
MG 978	International Supply Chain Management	5	10
MG 979	Security Analysis and Portfolio Management	5	10
MG 980	Treasury Management and International Finance	5	10
MG 981	Managing Integrated Marketing Communications	5	10
MG 986	Managing Inter-Organizational Partnerships and Alliances	5	10
MG 958	Advanced Making Strategy	5	10
MK 804	Social Media Strategy & Management	5	10
MG 810	Managing in the Boardroom: Power, Politics	5	10
And			
AG 926	Financial Markets and Corporate Strategy	5	10
MG 816	Sustainability Management	5	10
AG 927	Mergers and Acquisitions	5	10
	Across Border Perspectives		
HR 939	People and Performance	5	10

MG 941	Strategic Risk Management and Accounting	5	10
MK 810	Digital Leadership:Strategy and Management	5	10
MG 956	Brand Management and Strategy	5	10
MG 823	International Business	5	10
MS 976	Service Operations and Simulation	5	10
MG 821	Leadership for Change and Innovation	5	10
BF 985	Agile Management	5	10
MG 828	The CEO - Challenges and Choices in Delivering Value	5	10
Z1 939	Social Entrepreneurship	5	10
MS 978	Organisational Cognition: SmArt Decisions For the Knowledge Era	5	10
HR 952	Managing Talent and Succession Planning	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.
- 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 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.92.11 **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration, a candidate must
- 19.92.12 **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.
19. 92.13 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Business Administration in a named subject, a candidate must

have accumulated no fewer than 120 credits from the taught classes of the course.

19.92.14 **Postgraduate Certificate:** In order to qualify for the award of the postgraduate Certificate in Business Administration in a named subject, a candidate must

Transfer

19.92.15 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration the relevant parts of Regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.16 Applicants holding the MSc in Business and Management who wish to convert their degree to the MBA in accordance with Regulation 19.92.58 must do so within 5 years of qualifying for the MSc. On qualifying for the award of the MBA, candidates will be required to surrender the MSc degree (if conferred) before graduating with the MBA.

19.92.17 At the Board of Examiners' discretion, a student who fails to meet the requirements for the award of the MBA may be considered for transfer to and award of the Postgraduate Diploma in Business. A student in this category will automatically be barred from re-enrolment on the MBA programme on the basis of this Diploma in Business.

19.92.18
to 19.92.20 (Numbers not used).

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:

Optional Classes	Level	Credits
No fewer than 120 credits chosen from		
MG915 Marketing Management	5	10
MG916 Operations Management	5	10
MG914 Managing People in Organizations	5	10
MG 917 Financial and Management Accounting	5	10
MG 918 Finance and Financial Management	5	10
MG 919 Analytical Support for Decision Making	5	10
MG 920 Exploring the International Business Environment	5	10
MG 921 Strategy Analysis and Evaluation	5	10
MG 922 Making Strategy	5	10
MG 923 Strategic Consulting in Practice	5	10
MG 982 The Reflective Practitioner	5	20

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

Examination, Progress and Final Assessment

19.92.25 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.26 The final assessment will be based on performance in all elements of the course.

Award

19.92.27 In order to qualify for the degree of Postgraduate Diploma in Business, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.

Transfer

19.92.28 In relation to the transfer from the Postgraduate Diploma in Business to the degree of Master of Business Administration, the relevant parts of regulations 19.1.29 – 19.1.33 shall apply as appropriate.

19.92.29 to 19.92.30 (Numbers not used).

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:

Optional Classes*	Level	Credits
No fewer than 60 credits chosen from:		
GB 962 Marketing Management	5	10
GB 963 Operations Management	5	10
GB 964 Managing People in Organizations	5	10
MG 917 Financial and Management Accounting	5	10
MG 918 Finance and Financial Management	5	10
MG 919 Analytical Support for Decision Making	5	10
MG 920 Exploring the International Business Environment	5	10
MG 921 Strategy Analysis and Evaluation	5	10

MG 922	Making Strategy	5	10
MG 923	Strategic Consulting in Practice	5	10
MG 982	The Reflective Practitioner	5	20

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

* for certain pathways some of the above classes will be compulsory

Students enrolled on the Postgraduate Certificate (The Weir Group PLC) pathway shall undertake the following classes:

Compulsory Classes		Level	Credits
MG 918	Finance and Financial Management	5	10
MG 916	Operations Management	5	10
MG 914	Managing People in Organisations	5	10
MG 937	Programme and Project Management	5	10

Optional Classes

No fewer than 20 credits chosen from the classes listed below

MG 922	Making Strategy	5	10
MG 921	Strategy, Analysis and Evaluation	5	10
MG 919	Analytical Support for Decision Making	5	10
MG 920	Exploring the International Business Environment	5	10
MG 917	Financial and Management Accounting	5	10
MG 915	Marketing Management	5	10
MG 923	Strategic Consulting In Practice	5	10
BF999	Managing Innovation	5	10
M9 831	Commercial Law	5	10

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

Examination, Progress and Final Assessment

19.92.36 Regulations 19.1.25 – 19.1.33 shall apply.

19.92.37 The final assessment will be based on performance in all elements of the course.

Award

19.92.38 In order to qualify for the degree of Postgraduate Certificate in Management, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

19.92.39
to 19.92.40 (Numbers not used)

Business and Management

MSc in Business and Management

Postgraduate Diploma in Business and Management

Postgraduate Certificate in Business and Management

Course Regulations

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

Admission

19.92.41 Regulations 19.1.1 shall apply.

Duration of Study

19.92.42 Regulations 19.1.4 and 19.1.5 shall apply.

Mode of Study

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

Curriculum

19.92.44 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits from the curriculum

for the Postgraduate Diploma – no fewer than 120 credits from the curriculum

for the degree of MSc – no fewer than 180 credits from the curriculum including an individual or group project

Compulsory Classes:

MG 926	Managing People in Organisations	5	10
MG 925	Marketing Management	5	10
MG 929	Finance and Financial Management	5	10
MG 928	Analytical Support for Decision Making	5	10
MG 927	Business Operations	5	10
MG 930	Managerial Accounting	5	10
MG 931	Business Strategy	5	10
MG 932	Business Economics	5	10
MG 934	Professional Management Practice	5	20

Optional Classes

20 credits from the following:

MG 811	Programme and Project Management	5	10
MG 814	Social Media Strategy and Practice	5	10
MG 819	Developing Skills for Effective Management Consulting	5	10
MG 822	Managing Innovation	5	10
MG 824	Improving Management Decision Making	5	10
MG 825	Strategic Financial Management	5	10
MG 827	Exploring Resourceful Strategy Practice	5	10
MG 955	Managing in Europe (Toulouse)	5	10

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

Students for the degree of MSc only:

Compulsory Classes

either

MG 933	Individual Dissertation	5	60
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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 dissertation 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 dissertation.

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 19.92.100 (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

		Level	Credits
MG961	Global Business Environment	5	20
MG962	Managing Across Cultures	5	20
MG963	Strategub and Organsiation 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
MG955	Managing in Europe (Toulouse)	5	10

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

Students for the degree of MSc only:

MG 970 Individual Dissertation 5 40

Examination, Progress and Final Assessment

19.92.105 Regulations 19.1.25 – 19.1.33 shall apply.

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)

19.93 Department of Management Science

Operational Research

MSc in Operational Research
Postgraduate Diploma in Operational Research
Postgraduate Certificate in Operational Research

Course Regulations

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

Admission

19.93.1 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.93.2 Regulations 19.1.5 and 19.1.6 shall apply. Notwithstanding Regulation 19.1.5, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study

19.93.3 The 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

Compulsory Classes		Level	Credits
MS 921	Foundations of Operational Research and Business Analysis	5	10
MS 922	Quantitative Business Analysis	5	10
MS 923	Managing Business Operations	5	10
MS 924	Spreadsheet Modelling and Demand Forecasting	5	10
MS 932	Operational Research Methods	5	10
Optional Classes			
No fewer than 10 credits chosen from:			
MS 926	Business Simulation Methods	5	10
MS 927	Risk Analysis and Management	5	10
MS 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:

Compulsory Class

MS 935	Becoming an Effective OR Modeller	5	40
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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
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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 19.93.40 (Numbers 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:

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

Compulsory Classes		Level	Credits
MS 921	Foundations of Operational Research and Business Analysis	5	10
MS 922	Quantitative Business Analysis	5	10
MS 923	Managing Business Operations	5	10
MS 924	Spreadsheet Modelling and Demand Forecasting	5	10
MS 925	Strategy Modelling and Management	5	10
Optional Classes			
No fewer than 10 credits chosen from:			
MS 926	Business Simulation Methods	5	10
MS 927	Risk Analysis and Management	5	10
MS 928	Business Information Systems	5	10
MS 929	Performance Measurement and Management	5	10

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
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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
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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 Upper second class Honours degree in any discipline from a United Kingdom university; or
- (ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

19.94.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.94.4 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

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

for the degree of MSc – no fewer than 180 credits including a dissertation and an industry project.

Compulsory Classes		Level	Credits
MK 970	Strategic Marketing Management	5	20
MK 977	International Marketing Research	5	10
MK 972	Consumer Behaviour	5	20
MK 983	Brand Management and Strategy	5	10
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 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

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 973	Marketing Works	5	20

Students must undertake 20 of the total 40 credits of optional classes deemed appropriate by the department.

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 20 credits at the first diet of examinations may, at the discretion of the Board of Examiners, be permitted to proceed to the dissertation and have one further attempt to pass the relevant class(es) normally in the same academic year.
- 19.94.7 The final assessment will be based on performance in the examinations, coursework and the dissertation where undertaken.

- Award**
- 19.94.8 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 40 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 40 must have been awarded in respect of the dissertation.
- 19.94.9 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Marketing, a candidate must have accumulated no fewer than 120 credits from the curriculum.
Postgraduate Certificate: In order to qualify for the award of the Postgraduate Certificate in Marketing, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
- 19.94.10
to 19.94.20 (Numbers not used)

International Marketing

MSc in International Marketing

MSc in International Marketing 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 upper second class Honours degree of a United Kingdom University (in a cognate discipline); or
 - (ii) other qualification deemed by the Course Director acting on behalf of Senate to be equivalent; or
 - (iii) a first or upper second class Honours degree of a United Kingdom University (in a non-cognate discipline) and significant 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 only.

Curriculum

19.94.24 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes		Level	Credit
MK 975	Cross-Cultural Buyer Behaviour	5	20
MK 977	International Marketing Research	5	10
MK XXX	Strategic Global Marketing	5	20
MK 983	Brand Management and Strategy	5	10
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 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

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
MK978	Marketing Works International	5	20

Students must undertake 20 of the total 40 credits of optional classes deemed appropriate by the department.

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 the dissertation where undertaken.

Award

- 19.94.28 **Degree of MSc:** In order to qualify for the award of the degree of MSc in International Marketing, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the Dissertation.
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 40 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.

19.94.31 to
19.94 50 (numbers not used)

Tourism Marketing Management

MSc in Tourism Marketing Management
Postgraduate Diploma Tourism Marketing Management
Postgraduate Certificate Tourism Marketing Management

Course Regulations

(These regulations are to be read in conjunction with Regulation 19.1)

Admission

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

Duration of Study

- 19.94.52 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

- 19.94.54 All students shall undertake an approved curriculum as follows:
- for the Postgraduate Certificate - no fewer than 60 credits
 - for the Postgraduate Diploma - no fewer than 120 credits including all the compulsory classes
 - for the degree of MSc - no fewer than 180 credits including a dissertation and an Industry Project

Compulsory Classes		Level	Credits
MK 970	Strategic Marketing Management	5	20
MK 927	Consumer Behaviour	5	20
MK 977	International Marketing Research	5	10
MK 808	Managing Tourism Resources	5	10
MK 983	Brand Management and Strategy	5	10
MK 990	Destination Marketing and Management	5	10
MK 998	International Services Marketing	5	10
MK 968	Key Skills	5	10
MK 969	Dissertation Skills	5	10

Optional Classes:

No fewer than 10 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 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 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 999	Retail Marketing Management	5	10
MK951	Food, Beverage & Society	5	10
MK962	Tourist Behaviour	5	10
MK 967	Dissertation	5	40
MK 973	Marketing Works	5	20

Examination, Progress and Final Assessment

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

Award

19.94.56 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Tourism Marketing Management, a candidate must have performed to the satisfaction of the Board of Examiners and must normally have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the Dissertation.

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

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

19.94.59
to 19.119 (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 pursuance 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
Lifelong Learning in the Digital Age
Management and Leadership in Education
Philosophy with Children
Supporting Bilingual Learners in the Mainstream Classroom
Supporting Teacher Learning
Education Studies

Postgraduate Diploma

Adult Guidance
Autism
Early Years Pedagogue
Inclusive Education
Lifelong Learning in the Digital Age
Management and Leadership in Education
Scottish Qualification for Headship
Education Studies
Adult Guidance and Autism
Adult Guidance and Early Years Pedagogue
Adult Guidance and Education Studies
Adult Guidance and Inclusive Education
Adult Guidance and Lifelong Learning in the Digital Age
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 Lifelong Learning in the Digital Age
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
Early Years Pedagogue and Education Studies
Early Years Pedagogue and Inclusive Education
Early Years Pedagogue and Lifelong Learning in the Digital Age
Early Years Pedagogue and Management and Leadership in Education
Early Years Pedagogue and Philosophy with Children
Early Years Pedagogue and Supporting Bilingual Learners in the
Mainstream Classroom
Early Years Pedagogue and Supporting Teacher Learning
Inclusive Education and Education Studies
Inclusive Education and Lifelong Learning in the Digital Age
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
Lifelong Learning in the Digital Age and Education Studies
Lifelong Learning in the Digital Age and Management and Leadership in
Education
Lifelong Learning in the Digital Age and Philosophy with Children
Lifelong Learning in the Digital Age and Supporting Bilingual Learners in the
Mainstream Classroom
Lifelong Learning in the Digital Age 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 Pedagogue
Education Studies
Inclusive Education
Management and Leadership in Education
Professional Practice
School Leadership and Management
Adult Guidance with Autism
Adult Guidance with Early Years Pedagogue
Adult Guidance with Education Studies
Adult Guidance with Inclusive Education
Adult Guidance with Lifelong Learning in the Digital Age
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 Pedagogue
Autism with Education Studies
Autism with Inclusive Education
Autism with Lifelong Learning in the Digital Age
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 Pedagogue with Adult Guidance
Early Years Pedagogue with Autism
Early Years Pedagogue with Education Studies
Early Years Pedagogue with Inclusive Education
Early Years Pedagogue with Lifelong Learning in the Digital Age
Early Years Pedagogue with Management and Leadership in Education
Early Years Pedagogue 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 Lifelong Learning in the Digital Age
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 Lifelong Learning in the Digital Age
 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 Lifelong Learning in the Digital Age
 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 Lifelong Learning in the Digital Age
 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 Lifelong Learning in the Digital Age
 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 Pedagogue

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 Lifelong Learning in the Digital Age
 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 Pedagogue
 Supporting Teacher Learning with Education Studies
 Supporting Teacher Learning with Inclusive Education
 Supporting Teacher Learning with Lifelong Learning in the Digital Age
 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	Regulation 19.120.6
Autism	Regulation 19.120.7
Early Years Pedagogue	Regulation 19.120.8
Education Studies	Regulation 19.120.9
Inclusive Education	Regulation 19.120.10
Lifelong Learning in the Digital Age	Regulation 19.120.11
Management and Leadership in Education	Regulation 19.120.12
Professional Practice	Regulation 19.120.13
School Leadership and Management	Regulation 19.120.14
Philosophy with Children	Regulation 19.120.15
Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.16
Supporting Teacher Learning	Regulation 19.120.17
Adult Guidance with/and Autism	Regulation 19.120.18
Adult Guidance with/and Early Years Pedagogue	Regulation 19.120.19
Adult Guidance with/and Education Studies	Regulation 19.120.20
Adult Guidance with/and Inclusive Education	Regulation 19.120.21
Adult Guidance with/and Lifelong Learning in the Digital Age	Regulation 19.120.22
Adult Guidance with/and Management and Leadership in Education	Regulation 19.120.23

Adult Guidance with/and Philosophy with Children	Regulation 19.120.24
Adult Guidance with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.25
Adult Guidance with/and Supporting Teacher Learning	Regulation 19.120.26
Autism with Adult Guidance	Regulation 19.120.27
Autism with/and Early Years Pedagogue	Regulation 19.120.28
Autism with/and Education Studies	Regulation 19.120.29
Autism with/and Inclusive Education	Regulation 19.120.30
Autism with/and Lifelong Learning in the Digital Age	Regulation 19.120.31
Autism with/and Management with Leadership in Education	Regulation 19.120.32
Autism with/and Philosophy with Children	Regulation 19.120.33
Autism with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.34
Autism with/and Supporting Teacher Learning	Regulation 19.120.35
Early Years Pedagogue with Adult Guidance	Regulation 19.120.36
Early Years Pedagogue with Autism	Regulation 19.120.37
Early Years Pedagogue with/and Education Studies	Regulation 19.120.38
Early Years Pedagogue with/and Inclusive Education	Regulation 19.120.39
Early Years Pedagogue with/and Lifelong Learning in the Digital age	Regulation 19.120.40
Early Years Pedagogue with/and Management and Leadership in Education	Regulation 19.120.41
Early Years Pedagogue with/and Philosophy with Children	Regulation 19.120.42
Early Years Pedagogue with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.43
Early Years Pedagogue with/and Supporting Teacher Learning	Regulation 19.120.44
Education Studies with Adult Guidance	Regulation 19.120.45
Education Studies with Autism	Regulation 19.120.46
Education Studies with Early Years Pedagogue	Regulation 19.120.47
Education Studies with/and Inclusive Education	Regulation 19.120.48
Education Studies with/and Lifelong Learning in the Digital Age	Regulation 19.120.49
Education Studies with/and Management and Leadership in Education	Regulation 19.120.50
Education Studies with/and Philosophy with Children	Regulation 19.120.51
Education Studies with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.52

Education Studies with/and Supporting Teacher Learning	Regulation 19.120.53
Inclusive Education with Adult Guidance	Regulation 19.120.54
Inclusive Education with Autism	Regulation 19.120.55
Inclusive Education with Early Years Pedagogue	Regulation 19.120.56
Inclusive Education with Education Studies	Regulation 19.120.57
Inclusive Education with/and Lifelong Learning in the Digital Age	Regulation 19.120.58
Inclusive Education with/and Management and Leadership in Education	Regulation 19.120.59
Inclusive Education with/and Philosophy with Children	Regulation 19.120.60
Inclusive Education with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.61
Inclusive Education with/and Supporting Teacher Learning	Regulation 19.120.62
Lifelong Learning in the Digital Age and Management and Leadership in Education	Regulation 19.120.63
Lifelong Learning in the Digital Age and Philosophy with Children	Regulation 19.120.64
Lifelong Learning in the Digital Age and Supporting Bilingual Learners	Regulation 19.120.65
Management and Leadership in Education with Adult Guidance	Regulation 19.120.66
Management and Leadership in Education with Autism	Regulation 19.120.67
Management and Leadership in Education with Early Years Pedagogue	Regulation 19.120.68
Management and Leadership in Education with Education Studies	Regulation 19.120.69
Management and Leadership in Education with Inclusive Education	Regulation 19.120.70
Management and Leadership in Education with Lifelong Learning in the Digital Age	Regulation 19.120.71
Management and Leadership in Education with/and Philosophy with Children	Regulation 19.120.72
Management and Leadership in Education with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.73
Management and Leadership in Education with/and Supporting Teacher Learning	Regulation 19.120.74
Philosophy with Children with Adult Guidance	Regulation 19.120.75
Philosophy with Children with Autism	Regulation 19.120.76
Philosophy with Children with Early Years Pedagogue	Regulation 19.120.77
Philosophy with Children with	

Education Studies	Regulation 19.120.78
Philosophy with Children with Inclusive Education	Regulation 19.120.79
Philosophy with Children with Lifelong Learning in the Digital Age	Regulation 19.120.80
Philosophy with Children with Management and Leadership in Education	Regulation 19.120.81
Philosophy with Children with/and Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.82
Philosophy with Children with/and Supporting Teacher Learning	Regulation 19.120.83
Professional Practice with Adult Guidance	Regulation 19.120.84
Professional Practice with Autism	Regulation 19.120.85
Professional Practice with Early Years Pedagogy	Regulation 19.120.86
Professional Practice with Inclusive Education	Regulation 19.120.87
Professional Practice with Lifelong Learning in the Digital Age	Regulation 19.120.88
Professional Practice with Management and Leadership in Education	Regulation 19.120.89
Professional Practice with Philosophy with Children	Regulation 19.120.90
Professional Practice with Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.91
Professional Practice with Supporting Teacher Learning	Regulation 19.120.92
Supporting Bilingual Learners in the Mainstream Classroom with Adult Guidance	Regulation 19.120.93
Supporting Bilingual Learners in the Mainstream Classroom with Autism	Regulation 19.120.94
Supporting Bilingual Learners in the Mainstream Classroom with Early Childhood Studies	Regulation 19.120.95
Supporting Bilingual Learners in the Mainstream Classroom with Education Studies	Regulation 19.120.96
Supporting Bilingual Learners in the Mainstream Classroom with Inclusive Education	Regulation 19.120.97
Supporting Bilingual Learners in the Mainstream Classroom with Lifelong Learning in the Digital Age	Regulation 19.120.98
Supporting Bilingual Learners in the Mainstream Classroom with Management and Leadership in Education	Regulation 19.120.99
Supporting Bilingual Learners in the	

Mainstream Classroom with Philosophy with Children	Regulation 19.120.100
Supporting Bilingual Learners in the Mainstream Classroom with/and Supporting Teacher Learning	Regulation 19.120.101
Supporting Teacher Learning in the Mainstream Classroom with Adult Guidance	Regulation 19.120.102
Supporting Teacher Learning with Autism	Regulation 19.120.103
Supporting Teacher Learning with Early Years Pedagogy	Regulation 19.120.104
Supporting Teacher Learning with Education Studies	Regulation 19.120.105
Supporting Teacher Learning with Inclusive Education	Regulation 19.120.106
Supporting Teacher Learning with Lifelong Learning in the Digital Age	Regulation 19.120.107
Supporting Teacher Learning with Management and Leadership in Education	Regulation 19.120.108
Supporting Teacher Learning Classroom with Philosophy with Children	Regulation 19.120.109
Supporting Teacher Learning with Supporting Bilingual Learners in the Mainstream Classroom	Regulation 19.120.110

MEd, Postgraduate Diploma and Postgraduate Certificate in Adult Guidance

19.120.6 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X3936	The Organisation and Practice of Adult Guidance	5	20
X3939	Interviewing and Counselling Skills in Adult Guidance	5	20
X3937	Information Resources and Marketing Strategies in Adult Guidance	5	20

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Compulsory Class		Level	Credits
X3932	Work Based Learning Agreement	5	40

Optional Classes

No fewer than 20 credits chosen from

X3940	Professional and Ethical Issues in Adult Guidance	5	20
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X3938	Additional Support Needs and Adult Guidance. Any other available Master of Education class	5	20
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Students for the degree of MEd only:

X3907	Dissertation; Research Methods and Ethics (Adult Guidance)	5	20
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X3908	Dissertation; Final Project (Adult Guidance)	5	40
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MEd, Postgraduate Diploma and Postgraduate Certificate in Autism

19.120.7 All students for the Certificate shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
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X9808	Theory and Practice 1: Conceptual Frameworks in Autism	5	20
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X7798	Theory and Practice 2: The Spectrum of Autism	5	20
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X7799	Theory and Practice 3: Responding to the Impact of Autism	5	20
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Or (distance learning)

X3944	Theory and Practice 1: Conceptual Frameworks in Autism	5	20
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X3945	Theory and Practice 2: The Spectrum of Autism	5	20
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X3946	Theory and Practice 3: Responding to the Impact of Autism	5	20
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Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Compulsory Class

X3962	Emotional Wellbeing in Autism	5	20
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X3963	Emotional Wellbeing in Autism (Distance)	5	20
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Optional Classes

No fewer than 40 credits chosen from

X3947	Understanding the Impact of Autism	5	20
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X3948	Understanding the Impact of Autism (Distance)	5	20
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X3954	Multidisciplinary and Family Support	5	20
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X3958	Counselling Skills in Autism	5	20
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X3964	Autism and Schooling: The Autism	5	20
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	Toolbox		
X3965	Autism and Schooling: The Autism Toolbox (Distance)	5	20
X3960	Autism: Becoming a Trainer	5	20
X3961	Autism: Becoming a Trainer (Distance)	5	20

Students for the degree of MEd only:

X3909	Dissertation 1; Methods and Ethics (Autism)	5	20
X3921	Dissertation 2; Final Report (Autism)	5	40

MEd, Postgraduate Diploma and Postgraduate Certificate in Early Years Pedagogue

19.120.8 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X7789	Taking Action: Child, Family and Community 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 (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

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 (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

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

Compulsory Classes		Level	Credits
X9743	Understanding Inclusive Education	5	20
X9744	Providing Effective Educational Support	5	20
X9745	Working Together in Educational Settings	5	20

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Optional Classes
 No fewer than 60 credits chosen from

X9701	Inclusive Pedagogy	5	20
X9784	Supporting Numeracy.	5	20
X9746	Supporting Language and Literacy	5	20
X9722	Health and Wellbeing	5	20
	Any other available Master of Education class	5	20

Students for the degree of MEd only:

X3911	Dissertation; Research Methods and Ethics (Inclusive Education)	5	20
X3923	Dissertation; Final Project (Inclusive Education)	5	40

Postgraduate Diploma and Postgraduate Certificate in Lifelong Learning in the Digital Age

19.120.11 Students registering for a PGC shall undertake an approved curriculum as follows

No fewer than 60 credits from:

		Level	Credits
X3900	Technology Enhanced Learning: Theory and Practice	5	20
X9888	Education and Lifelong Learning: International Perspectives	20	5
X7778	Innovations and Lifelong Learning	5	20
X3957	Online Communities and Networks for Lifelong Learning	5	20
X3956	Digital Literacies: Living, Working and Learning in the Network Society	5	20
X3955	Curriculum Innovation for Technology; Designing for Context	5	20

Students for the Postgraduate Diploma in addition will undertake:

No fewer than 60 additional credits from:

X3900	Technology Enhanced Learning: Theory and Practice	5	20
X9888	Education and Lifelong Learning: International Perspectives	20	5
X7778	Innovations and Lifelong Learning	5	20
X3957	Online Communities and Networks for Lifelong Learning	5	20
X3956	Digital Literacies: Living, Working and Learning in the Network Society	5	20
X3955	Curriculum Innovation for Technology; Designing for Context	5	20
	Any 20 credit option module from the Master of Education programme approved by the course leader	5	20

MEd, Postgraduate Diploma and Postgraduate Certificate in Management and Leadership in Education

19.120.12 Students registering for a Postgraduate Certificate shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X9786	Management and Leadership 1	5	20
X9794	Management and Leadership 2	5	20

Optional Classes

No fewer than 20 credits chosen from:

X9788	Introduction to Quality and Performance Management	5	20
X9793	Education and the Law	5	20
X9787	Management and Leadership	5	20
X9785	Leading and Managing People	5	20
X9789	Management of Change	5	20
X9791	Leading Teaching and Learning	5	20
X9790	Managing Effective Learning for All	5	20
X9792	Management and Leadership in Secondary Guidance/Pastoral Care	5	20

Students for the degree of MEd and Postgraduate Diploma in addition will undertake:

Compulsory Class

X9788	Management and Leadership 3	5	20
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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 (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd, Postgraduate Diploma and Postgraduate Certificate in Professional Practice

19.120.13 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 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 (Professional Practice)	5	20
X3922	Dissertation; Final Project (Professional Practice)	5	40

MEd, Postgraduate Diploma in School Leadership and Management (Scottish Qualification for Headship)

19.120.14 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X7794	Educational Leadership	5	30
X7795	Developing Capability for Improvement	5	30
X7796	Leading and Managing to Improve Learning Part 1	5	30
X7997	Leading and Managing to Improve Learning Part 2	5	30

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

19.120.15 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X3902	Introduction to Philosophy and Philosophical Practice	5	20
X3901	Philosophy with Children: Theory	5	20
X3903	Philosophy with Children: Facilitation	5	20

Postgraduate Certificate in Supporting Bilingual Learners in the Mainstream Classroom

19.120.16 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X3941	Theory and Practice in Supporting Bilingual Learners	5	20
X3942	Policy and Practice in Supporting Bilingual Learners	5	20
X3943	Action Research to Support Bilingual Learners	5	20

Postgraduate Certificate in Supporting Teacher Learning

19.120.17 All students shall undertake an approved curriculum as follows

Compulsory Classes		Level	Credits
X9797	How Teachers Learn	5	20
X9798	Contemporary Contexts for Teacher Learning and Teachers' Work	5	20
X9799	Supporting Professional Learning in the Workplace	5	20

MEd, Postgraduate Diploma in Adult Guidance with/and Autism

19.120.18 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 (Adult Guidance)	5	20
X3908	Dissertation; Final Project (Adult Guidance)	5	40

MEd, Postgraduate Diploma in Adult Guidance with/and Early Years Pedagogue

19.120.19 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 (Adult Guidance)	5	20
X3908	Dissertation; Final Project (Adult Guidance)	5	40

MEd, Postgraduate Diploma in Adult Guidance with/and Education Studies

19.120.20 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 (Adult Guidance)	5	20
X3908	Dissertation; Final Project (Adult Guidance)	5	40

MEd, Postgraduate Diploma in Adult Guidance with/and Inclusive Education

19.120.21 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 (Adult Guidance)	5	20
X3908	Dissertation; Final Project (Adult Guidance)	5	40

Postgraduate Diploma in Adult Guidance with/and Lifelong Learning in the Digital Age

19.120.22 All students shall undertake the approved curriculum for PGC Adult Guidance and for PGC Lifelong Learning in the Digital Age

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 Management and Leadership in Education

19.120.23 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

19.120.24 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

19.120.25 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

19.120.26 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

19.120.27 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
X3908	Dissertation; Final Project (Autism)	5	40

MEd, Postgraduate Diploma in Autism with/and Early Years Pedagogue

19.120.28 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

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

19.120.29 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

19.120.30 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

Postgraduate Diploma in Autism with/and Lifelong Learning in the Digital Age

19.120.31 All students shall undertake the approved curriculum for PGC Autism and for PGC Lifelong Learning in the Digital Age

Students for the degree of MEd only:

X3909	Dissertation; Research Methods and Ethics	5	20
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	(Autism)		
X3921	Dissertation; Final Project (Autism)	5	40

MEd, Postgraduate Diploma in Autism with/and Management and Leadership in Education

19.120.32 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

19.120.33 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 (Autism)	5	20
X3921	Dissertation; Final Project (Autism)	5	40

MEd, Postgraduate Diploma in Autism with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.34 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:			
X3909	Dissertation; Research Methods and Ethics (Autism)	5	20
X3921	Dissertation; Final Project (Autism)	5	40

MEd, Postgraduate Diploma in Autism with/and Supporting Teacher Learning

19.120.35 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:			
X3909	Dissertation; Research Methods and Ethics (Autism)	5	20

X3921	Dissertation; Final Project (Autism)	5	40
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MEd Early Years Pedagogue with Adult Guidance

19.120.36 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

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd Early Years Pedagogue with Autism

19.120.37 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:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Education Studies

19.120.38 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and not less than 60 credits from Education Studies

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Inclusive Education

19.120.39 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and for Postgraduate Certificate in Inclusive Education

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
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X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40
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MEd, Postgraduate Diploma in Early Years Pedagogue with/and Lifelong Learning in the Digital Age

19.120.40 All students shall undertake the approved curriculum for PGC Early Years Pedagogue and for PGC Lifelong Learning in the Digital Age

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Management and Leadership in Education

19.120.41 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and for Postgraduate Certificate in Management and Leadership in Education

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Philosophy with Children

19.120.42 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.43 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue 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 (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd, Postgraduate Diploma in Early Years Pedagogue with/and Supporting Teacher Learning

19.120.44 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:

X3910	Dissertation; Research Methods and Ethics (Early Years Pedagogue)	5	20
X3920	Dissertation; Final Project (Early Years Pedagogue)	5	40

MEd Education Studies with Adult Guidance

19.120.45 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 (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd Education Studies with Autism

19.120.46 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 (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd Education Studies with Early Years Pedagogue

19.120.47 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:

X3905	Dissertation; Research Methods and Ethics (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Inclusive Education

19.120.48 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:

X3905	Dissertation; Research Methods and Ethics (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Lifelong Learning in the Digital Age

19.120.49 All students shall undertake no less than 60 credits from Education Studies and the approved curriculum for PGC Lifelong Learning in the Digital Age

Students for the degree of MEd only:

X3905	Dissertation; Research Methods and Ethics (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Management and Leadership in Education

19.120.50 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:

X3905	Dissertation; Research Methods and Ethics (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Philosophy with Children

19.120.51 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:

X3905	Dissertation; Research Methods and Ethics (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.52 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 (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd, Postgraduate Diploma in Education Studies with/and Supporting Teacher Learning

19.120.53 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 (Education Studies)	5	20
X3923	Dissertation; Final Project (Education Studies)	5	40

MEd Inclusive Education with Adult Guidance

19.120.54 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
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X3919	(Inclusive Education) Dissertation; Final Project (Inclusive Education)	5	40
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MEd Inclusive Education with Autism

19.120.55 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

MEd Inclusive Education with Early Years Pedagogue

19.120.56 All students shall undertake the approved curriculum for Postgraduate Certificate in Early Years Pedagogue and for Postgraduate Certificate in Inclusive Education and

X3911	Dissertation; Research Methods and Ethics (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

MEd, Postgraduate Diploma in Inclusive Education with Education Studies

19.120.57 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

Postgraduate Diploma in Inclusive Education with/and Lifelong Learning in the Digital Age

19.120.58 All students shall undertake the approved curriculum for PGC in Inclusive Education and for PGC in Lifelong Learning in the Digital Age

Students for the degree of MEd only:

X3911	Dissertation; Research Methods and Ethics (Inclusive Education)	5	20
X3919	Dissertation; Final Project	5	40

(Inclusive Education)

MEd, Postgraduate Diploma in Inclusive Education with/and Management and Leadership in Education

19.120.59 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

MEd, Postgraduate Diploma in Inclusive Education with/and Philosophy with Children

19.120.60 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

MEd, Postgraduate Diploma in Inclusive Education with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.61 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

MEd, Postgraduate Diploma in Inclusive Education with/and Supporting Teacher Learning

19.120.62 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 (Inclusive Education)	5	20
X3919	Dissertation; Final Project (Inclusive Education)	5	40

Postgraduate Diploma in Lifelong Learning in the Digital Age and Management and Leadership in Education

19.120.63 All students shall undertake the approved curriculum for PGC in Lifelong Learning in the Digital Age and for PGC in Management and Leadership in Education

Postgraduate Diploma in Lifelong Learning in the Digital Age and Philosophy with Children

19.120.64 Postgraduate Diploma in Lifelong Learning in the Digital Age and Philosophy with Children

Postgraduate Diploma in Lifelong Learning in the Digital Age and Supporting Bilingual Learners

19.120.65 All students shall undertake the approved curriculum for PGC in Lifelong Learning in the Digital Age and Supporting Bilingual Learners

MEd Management and Leadership in Education with Adult Guidance

19.120.66 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 (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd Management and Leadership in Education with Autism

19.120.67 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 (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project	5	40

(Management and Leadership in Education)

MEd Management and Leadership in Education with Early Years Pedagogue

19.120.68 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 (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd Management and Leadership in Education with Education Studies

19.120.69 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 (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd Management and Leadership in Education with Inclusive Education

19.120.70 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 Inclusive Education and

X3912	Dissertation; Research Methods and Ethics (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd, Postgraduate Diploma in Management and Leadership in Education with Lifelong Learning in the Digital Age

19.120.71 All students shall undertake the approved curriculum for PGC Management and Leadership in Education and for PGC for Lifelong Learning in the Digital Age

Students for the degree of MEd only:

X3912	Dissertation; Research Methods and Ethics (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd, Postgraduate Diploma in Management and Leadership in Education with/and Philosophy with Children

19.120.72 All students shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Philosophy with Children

Students for the degree of MEd only:

X3912	Dissertation; Research Methods and Ethics (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd, Postgraduate Diploma in Management and Leadership in Education with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.73 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

Students for the degree of MEd only:

X3912	Dissertation; Research Methods and Ethics (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd, Postgraduate Diploma in Management and Leadership in Education with/and Supporting Teacher Learning

19.120.74 All students shall undertake the approved curriculum for Postgraduate Certificate in Management and Leadership in Education and for Postgraduate Certificate in Supporting Teacher Learning

Students for the degree of MEd only:

X3912	Dissertation; Research Methods and Ethics (Management and Leadership in Education)	5	20
X3925	Dissertation; Final Project (Management and Leadership in Education)	5	40

MEd Philosophy with Children with Adult Guidance

19.120.75 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 (Philosophy with Children)	5	20
X3925	Dissertation; Final Project (Philosophy with Children)	5	40

MEd Philosophy with Children with Autism

19.120.76 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 (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd Philosophy with Children with Early Years Pedagogue

19.120.77 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 Pedagogue and

X3914	Dissertation; Research Methods and Ethics (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd Philosophy with Children with Education Studies

19.120.78 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 (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd Philosophy with Children with Inclusive Education

19.120.79 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

X3914	Dissertation; Research Methods and Ethics (Philosophy with Children)	5	20
X3924	Dissertation; Final Project	5	40

(Philosophy with Children)

MEd Philosophy with Children with Lifelong Learning in the Digital Age

19.120.80 Students for the degree of MEd shall undertake the approved curriculum for PGC Philosophy with Children and for PGC for Inclusive Education

X3914	Dissertation; Research Methods and Ethics (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd Philosophy with Children with Management and Leadership in Education

19.120.81 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 (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd, Postgraduate Diploma in Philosophy with Children with/and Supporting Bilingual Learners in the Mainstream Classroom

19.120.82 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 (Philosophy with Children)	5	20
X3924	Dissertation; Final Project (Philosophy with Children)	5	40

MEd, Postgraduate Diploma in Philosophy with Children with/and Supporting Teacher Learning

19.120.83 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 (Philosophy with Children)	5	20
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X3924	Dissertation; Final Project (Philosophy with Children)	5	40
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MEd Professional Practice with Adult Guidance

19.120.84 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 (Professional Practice)	5	20
X3922	Dissertation; Final Project (Professional Practice)	5	40

MEd Professional Practice with Autism

19.120.85 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

19.120.86 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

19.120.87 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 Lifelong Learning in the Digital Age

19.120.88 Students for the degree of MEd shall take at least 60 credits from Professional Practice or Education Studies and the approved curriculum for PGC Lifelong Learning in the Digital Age 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

19.120.89 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

19.120.90 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 (Professional Practice)	5	20
X3922	Dissertation; Final Project (Professional Practice)	5	40

MEd Professional Practice with Supporting Bilingual Learners in the Mainstream Classroom

19.120.91 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 (Professional Practice)	5	20
X3922	Dissertation; Final Project (Professional Practice)	5	40

MEd Professional Practice with Supporting Teacher Learning

19.120.92 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 (Professional Practice)	5	20
X3922	Dissertation; Final Project (Professional Practice)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Adult Guidance

19.120.93 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Autism

19.120.94 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Early Years Pedagogue

19.120.95 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 Pedagogue and

X3915	Dissertation; Research Methods and Ethics (Supporting Bilingual Learners)	5	20
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X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40
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MEd Supporting Bilingual Learners in the Mainstream Classroom with Education Studies

19.120.96 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Inclusive Education

19.120.97 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Lifelong Learning in the Digital Age

19.120.98 Students for the degree of MEd shall take the approved curriculum for PGC Supporting Bilingual Learners in the Mainstream Classroom and the approved curriculum for PGC Lifelong Learning in the Digital Age and

X3915	Dissertation; Research Methods and Ethics (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Management and Leadership in Education

19.120.99 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Bilingual Learners in the Mainstream Classroom with Philosophy with Children

19.120.100 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd, Postgraduate Diploma in Supporting Bilingual Learners in the Mainstream Classroom with/and Supporting Teacher Learning

19.120.101 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 (Supporting Bilingual Learners)	5	20
X3918	Dissertation; Final Project (Supporting Bilingual Learners)	5	40

MEd Supporting Teacher Learning with Adult Guidance

19.120.102 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 (Supporting Teacher Learning)	5	20
X3917	Dissertation; Final Project (Supporting Teacher Learning)	5	40

MEd Supporting Teacher Learning with Autism

19.120.103 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 (Supporting Teacher Learning)	5	20
X3917	Dissertation; Final Project (Supporting Teacher Learning)	5	40

MEd Supporting Teacher Learning with Early Years Pedagogue

19.120.104 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

19.120.105 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

19.120.106 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 Lifelong Learning in the Digital Age

19.120.107 Students for the degree of MEd shall take the approved curriculum for PGC Supporting Teacher Learning and the approved curriculum for PGC Lifelong Learning in the Digital Age 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

19.120.108 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

19.120.109 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
X3917	Dissertation; Final Project (Supporting Teacher Learning)	5	40

MEd Supporting Teacher Learning with Supporting Bilingual Learners in the Mainstream Classroom

19.120.110 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 (Supporting Teacher Learning)	5	20
X3917	Dissertation; Final Project (Supporting Teacher Learning)	5	40

Examination, Progress and Final Assessment

- 19.120.111 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.120.112 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.
- 19.120.113 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

- 19.120.114 **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.
- 19.120.115 **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.
- 19.120.116 **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

- 19.120.117 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

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

- 19.120.118 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

19.120.119 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.120.121 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		Level	Credits
X7 931	Policy and Leadership	5	30
X7 932	Frameworks for Understanding Learning	5	30

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

Compulsory Classes		Level	Credits
X7 826	The Research Proposal	5	30
X7 827	Research Methods in Professional Education	5	30

Students for the degree of MEd only:

X7 933	Dissertation	5	60
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Examination, Progress and Final Assessment

19.120.121 Regulations 19.1.25 – 19.1.33 shall apply.

The final assessment will be based on performance in the coursework, the Dissertation and, where appropriate, an oral examination.

Award

19.120.122 **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.

- 19.120.123 **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.
- 19.120.124 **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.
- 19.120.125
- 19.120.135 (numbers not used)

Postgraduate Certificate in Securing Children's Futures

- 19.120.136 **Admission**
Admission is by application. Applicants are normally qualified social workers or allied professional workers and are required, at the time of starting their course, to be working in a childcare or family placement-related setting or to be contracted to provide assessment or intervention or consultation services to an agency. Applicants must have clearly agreed and defined access to experiences, which in the opinion of the Course Leaders provide the required practice-based learning. Applicants are required to hold a relevant degree and/or professional qualification. All applicants are required to be employed by a relevant agency or be working independently in a relevant field.
- In exceptional circumstances, applicants without appropriate qualifications may be admitted on evidence that they can demonstrate their ability to work at post graduate level.
- 19.120.136 **Duration of Study**
The normal duration of study is nine months.
- 19.120.137 **Mode of Study**
The Post Graduate Certificate in Securing Children's Futures – Good Practice in Permanence Planning and Family Placement is available in part time study only. The course is modular in nature.
- 19.120.138 **Place of Study**
The course is delivered in accessible locations in Scotland. The Post Graduate Certificate in Securing Children's Futures is delivered by the British Association for Adoption and Fostering (Scotland); the taught components of the course are delivered at locations which have agreements with BAAF Scotland
- 19.120.139 **Curriculum**

All students undertake a curriculum based on the accumulation of 60 credits, derived from the following compulsory modules:

		Level	Credits
HS 892	Setting the Context	5	15
HS 893	Decision making	5	15
HS 807	Working with the child	5	15
HS 895	Working with carers	5	15

19.120.140 **Assessment**

Candidates are required to pass written assessments for each module and to have their professional practice observed and verified by an appropriate person.

Candidates who fail to reach the required standard in any module are permitted one further attempt to pass that module.

Progression from one module to the next is not prohibited if a student has to re-submit. A timescale for re-submission of the failed assessment is negotiated. Candidates are required to 'pass' each assessed module to achieve the award of the post graduate certificate.

If a candidate fails to reach the required standard in any assignment they can continue on the course and be awarded fifteen credits for each module 'passed'

19.120.141 **Award**

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

19.121 **School of Education**

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:

Compulsory Classes		Level	Credits
X7 805	Educational Research and Enquiry	5	20
X7 806	Design Strategies in Educational Research	5	20
X7 807	Data Collection in Educational Research	5	20

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

X7 808	Data Analysis in Educational Research	5	40
either			
X7 809	Advanced Quantitative Research Design and Data Analysis.	5	20

or

X7 810	Advanced Qualitative Research Design and Data Analysis	5	20
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Students for the degree of MSc only:

X7 819	Dissertation	5	60
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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:

Compulsory Class	Level	Credits
X7 938 Professional Development: Review, Reflection and Planning (CT)	5	15
 Optional Classes		
No fewer than 45 credits chosen from:		
B1 904 Responsibility and Learning in the Outdoors	5	15
HS 922 Independent Study Module	5	15
HS 923 Raising Attainment in History	5	15
HS 933 E-Learning	5	15
HS 934 Learning to Think, Thinking to Learn: Implications for Learning, Teaching and Curriculum	5	15
HS 989 Buzan's 'Headstrong': a Buzan approach to Creative Thinking and Family Learning: Implications for Learning and Teaching and Parental Involvement	5	15
HS 990 Developing the Emotionally Literate Classroom	5	15
HS 991 Early Years: Translating Policy into Practice	5	15
HS 992 The Learning School	5	15
HS 993 Motivation, Communication and Self-Development/Awareness: Implications for Influencing Learning, Teaching and Self-Development/Awareness	5	15
HS 994 Inclusive Education: Access for all	5	15

HS 995	Teaching Giftedness: Developing Cognitive Abilities - The Vygotskian Approach to Early Years Education	5	15
PC 901	Education for Citizenship (CT)	5	15
X9 703	Health and Wellbeing for Today's Young People	5	30
X9 704	Sustainable Development and Global Citizenship Education	5	30
X9 705	Working Together with Multi-Disciplinary Professionals	5	30
X9 706	Bilingualism in Scottish Education – Theory And Practice	5	30
X9 941	Learning and Teaching with ICT (CT)	5	15
X9 986	Closing the Literary Gap (Infant Stages) (CT)	5	30

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

Compulsory Classes

HS 927	Education for All	5	15
HS 928	Working Together	5	15
HS 931	Learning and Teaching	5	15

Optional Classes

No fewer than 15 credits chosen from the list of optional classes above.

Students for the degree of MSc only:

Either

HS 924	Professional Enquiry and Development 1	5	30
and			
HS 832	Professional Enquiry and Development 2	5	30
or			
HS 860	Professional Enquiry and Development 3	5	60

Examination, Progress and Final Assessment

19.121.17

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 120 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

19.121.26 **Mode of Study**
The courses are available by part-time study only

Curriculum

19.121.27 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
LL 927	Professional Practice and Methodologies 1	5	10
LL 929	Archive & Libraries, History and Geography 1	5	10
LL 912	Censuses, Civil Registration and Church Records 1	5	10
LL 915	Family History Studies and Overseas Records 1	5	10
LL 928	Property and Law, Wills, Land and Inheritance 1	5	10
LL 926	Latin, Palaeography and Heraldry 1	5	10

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

Compulsory Classes

LL 914	Methods of Professional Enquiry and Project 2	5	20
LL 925	Genealogy, Family and Social History 2	5	20
LL 913	Documents, Palaeography and Heraldry 2	5	20

Students for the degree of MSc only:

HS 902	Professional Enquiry and Development Leading to a Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.121.28 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.
- 19.121.29 Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.
- 19.121.30 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

- 19.121.31 **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 60 must have been awarded in respect of either the dissertation or the research projects.
- 19.121.32 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Genealogical, Palaeographic and Heraldic Studies a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.121.33 **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:

Compulsory Classes		Level	Credits
LL 901	Benchmarking Safety and Risk Management Activities	5	15
LL 902	Assessing Hazards, Risks and Dangers	5	15
LL 903	Optimising Safety and Risk Management Activities	5	30

Students for the degree of Master and the Postgraduate Diploma in addition will undertake:

Compulsory Classes			
LL 908	Corporate Risk Management	5	15
LL 909	Psychology of Workplace Activities	5	15
LL 910	Ergonomic Factors in Work Activities	5	15
HS 901	Methods of Professional Enquiry	5	15

Students for the degree of MSc only:
LL 916 Research Project 5 60

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 60 must have been awarded in respect of either the dissertation or the research project.
- 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		Level	Credits
X9 894	Teaching, Learning and Assessment within the Disciplines	5	20

Advanced Academic Studies (Researcher Development)

Compulsory Class		Level	Credits
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
X9 895	Course (Re)Design	5	20
X9 896	Academic Writing	5	20
X9 897	Developing an Inclusive Curriculum	5	20
X9 898	Supervising Postgraduate Research	5	20

X9 889	Management and Leadership in Higher Education	5	20
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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:

X7 782	Independent Enquiry 2	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

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.

19.121.55 to
19.122.39 (not used)

MSc and Postgraduate Diploma in Counselling

Course Regulations

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

19.122.40

Admission

Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

In addition, all successful applicants will normally be required to have had at least two years of appropriate, post-qualifying professional experience.

Applicants will normally be registered initially for the lowest Postgraduate Diploma. Progress to the next level of study is normally dependent on performance (see Regulation 19.125.6).

Duration of Study

19.122.41 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.

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Curriculum

19.122.44 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
B9 947	The Therapeutic Relationship	5	15
B9 948	Therapeutic Process	5	15
B9 949	Personality Theory	5	15
B9 950	Counselling Case Analysis	5	15
B9 951	Counselling Practicum	5	30
B9 952	Personal and Professional Development	5	30

Students for the degree of MSc only:

HS 890	Professional Enquiry and Development in Counselling leading to a dissertation	5	60
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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 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.
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

Curriculum

19.122.55 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
B9 964	Theoretical Foundations in the Person Centred Approach in Counselling	5	30
B9 965	Practice and Self Development: Becoming a Person Centred Counsellor	5	30
Students for the degree of MSc and Postgraduate Diploma in addition will undertake:			
B9 966	Theoretical Issues in Person Centred Counselling	5	30
B9 967	Professional Development in Person Centred Counselling	5	30
Students for the degree of MSc only			
HS 806	Research Enquiry and Development in Counselling	5	60

Examination, Progress and Final Assessment

19.122.56 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.

19.122.57 Notwithstanding Regulation 19.1.30, candidates will be permitted a maximum of 2 attempts at each assessment.

19.122.58 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

19.122.59 **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.

19.122.60 **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.

19.122.61 **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.

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]

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).

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

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

Mode of Study

- 19.122.65 The course is available by part-time study only

Curriculum

- 19.122.66 All students shall undertake an approved curriculum as follows:

Optional Classes		Level	Credits
No fewer than 60 credits chose from:			
HS 951	Infant Observation 1	5	20
HS 952	Infant Observation 2	5	20
HS 953	Young Child Observation	5	20
HS 954	Work Discussion and Institutional Processes	5	20
<i>either</i>			
HS 956	Personality Development	5	10
<i>or</i>			
HS 957	A History of Psychoanalytic Thinking	5	20
HS 958	Child Development Research	5	10

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
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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.

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.

Place of Study

As permitted by Regulation 19.1.8.

Mode of Study

The courses are available by part-time study only.

Curriculum

19.122.77 All students shall undertake a curriculum as follows:

Compulsory Classes		Level	Credits
X7 966	Personal and Professional Development and Theory	5	30
B9 990	Counselling Skills Practice and Theory	5	30

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

- 19.122.79 **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:

Compulsory Classes	Level	Credits
C8 933 Assessment Treatments of Motor Speech Disorders	5	40
C8 934 Evidence-based Practice in Motor Speech Disorders	5	20

Examination, Progress and Final Assessment

- 19.122.85 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

- 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:

Compulsory Classes		Level	Credits
HS 801	Diversity and Anti-discriminatory Practice	5	15
HS 802	Early Developments in Systemic Theory and Practice	5	15
HS 803	Clinical Team Placement	5	30
HS 804	Research and Reflexivity; Methods of Professional Enquiry	5	15
HS 805	Systemic Psychotherapy in Context	5	15
HS 948	Recent Developments in Systemic Theory and Practice	5	15
HS 950	Theory and Practice of Supervision	5	15

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
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19.122.106 **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.

19.122.107 Notwithstanding Regulation 19.1.30, Candidates will be permitted a maximum of 2 attempts at each assessment.

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

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 60 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.

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:

Compulsory Classes		Level	Credits
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
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Examination, Progress and Final Assessment

19.122.117 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.

19.122.118 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 60 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 120 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 Services 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:

Compulsory Classes		Level	Credits
L5 932	Effective Learning for Social Services Management	5	20
L5 907	Managing Service Delivery	5	20
Optional Classes			
No fewer than 20 credits chosen from:			
L5 909	Working with Others	5	20
L5 911	Leading and Managing Change and Organisational Learning	5	20
L5 932	People Management in Social Services Services	5	20

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

Compulsory Class

L5 908	Methods of Professional Enquiry in Social Services	5	20
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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
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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 Services Management:** In order to qualify for the award of the degree of MSc in Social Services Management the candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 121 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
19.123.60 (numbers not used)

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		Level	Credits
QQ 939	Research Skills in Literature, Culture and Communication	5	20
Optional Classes			
QQ 958	British Places: Literature 1880-1950	5	20
QQ 959	Contemporary Scottish Cultural Studies	5	20
QQ 934	Uncanny Places: the Victorian Occult	5	20
QQ 935	Discovery of Scotland	5	20
QQ 936	Visions of Suburbia	5	20
QQ 937	Post-Colonial Canadian Literature	5	20
QQ 946	Literary Linguistics	5	20
QQ 956	Travellin' Blues: Literature, Politics and Displacement	5	20
QQ 962	Writing the Void: Desert Literature	5	20
QQ 963	Romanticism and the South West	5	20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by Department of English Studies or by another department in the University as may be approved by the Head of Department offering the

class and the Course Director of the course on which the student is registered.

Students for the degree of MLitt only
QQ 950 Dissertation

5 60

Examination, Progress and Final Assessment

- 19.123.65 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.
19.123.69 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Literature, Culture and Place, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
19.123.70 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Literature, Culture and Place, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.

- 19.124
to 19.125 (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

Compulsory Classes		Level	Credits
V1 903	Sources, Skills and Methods for Historians 1	5	20
V1 964	Sources, Skills and Methods for Historians 2	5	20
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
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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

Compulsory Classes		Level	Credits
V1 903	Sources, Skills and Methods for Historians 1	5	20
V1 964	Sources, Skills and Methods for Historians 2	5	20
V1 965	Palaeography c.1500-c.1800	5	20
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
<i>Either</i>			
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

Compulsory Classes		Level	Credits
V1 903	Sources, Skills and Methods for Historians 1	5	20
V1 964	Sources, Skills and Methods for Historians 2	5	20
Optional Classes			
No fewer than 80 credits chosen from:			
V1 902	Nationalism and Nation-states in the Arab Middle East: 1900-1945	5	20
V1 906	The Lordship of the Isles	5	20
V1 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
V1 910	Social Theory and Social History	5	20
V1 911	Diplomacy and Political Economy in Interwar Europe	5	20
V1 912	Britain, France and the USA, 1945-1958: Diplomacy, Strategy and Alliance	5	20
V1 961	Segregation, Migration and War: African Americans	5	20
V1 965	Palaeography c.1500-c.1800	5	20
V1 967	Britain and the World in the Nineteenth Century	5	20
V1 968	Transatlantic Influences: The United States and Europe after 1945	5	20
V1 969	War and Society, 1914-1945: A Comparative Approach	5	20
V1 970	The Patriarchal Family in Early Modern Society: Co-operation and Conflict	5	20
V1 917	Employers, Elites and the State in Scotland and the UK c1830-1940	5	20
V1 920	Arab Societies in the Age of Nationalism: 1900-1945	5	20
V1 922	Work and Occupational Health in the Twentieth Century	5	20
V1 971	Themes in the History of Health and Colonial Medicine in South Asia	5	20
V1 972	Governing Highs and Health: History and the Control of Drugs	5	20

V1 973	The United States and Europe 1958-2001	5	20
V1 975	Pharmaceuticals, Ethics and Health 1800-1980	5	20
V1 976	The Cultural Turn and its Discontents in the History of International Relations	5	20
V1 977	War, Sacrifice and the Nation in Europe, 1789-1919	5	20
V1 9791	Food and Health in the West During the Twentieth Century	5	20

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:

22 900	Dissertation	5	60
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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.

19.126.50 to
19.127 (numbers not used)

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

Compulsory Classes		Level	Credits
P3 925	Investigative Journalism: History & Theory	5	20
L3 922	Investigative Research	5	20
P3 926	Manufacture of Consent	5	20

Students for the Postgraduate Diploma and Degree of MSc only:

Compulsory Classes

P3 944	Investigative Journalism and the Law	5	20
P3 945	Investigative Journal: Project	5	20

Optional Classes

No fewer than 20 credits chosen from:

P3 955	Media Ethics	5	20
QQ 932	Covering Globalisation	5	20

The list of Optional Classes in Regulation 19.127.174.

Students for the degree of MSc only

either

ES 928	Dissertation	5	60
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or

ES 921	Journalism Portfolio	5	60
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Examination, Progress and Final Assessment

- 19.127.5 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.127.6 Progress may be dependent on satisfactory performance against prescribed criteria in the earlier part of the course.
- 19.127.7 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

- 19.127.8 **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.
- 19.127.9 **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.
- 19.127.10 **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.

19.127.11
to 19.127.20 (Numbers not used)

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

19.127.21 Regulations 19.1.1 and 19.1.2 shall apply.

Duration of Study

19.127.22 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.127.23 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

List A		Level	Credits
QQ 970	Renaissance Studies Core Class	5	20
QQ 968	Skills in Renaissance Studies	5	20
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
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
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Examination, Progress and Final Assessment

- 19.127.25 Regulations 19.1.25 – 19.1.33 shall apply.
- 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

Compulsory Classes		Level	Credits
P3 949	Journalism in English: Writing and Professional Practice	5	20
P3 950	Producing Media	5	20
P3 951	Specialist Journalism Project	5	20
P3 952	Journalism and Society	5	20

Optional Classes

P3 954	Scots Law for Journalists	5	20
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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

19.127.35 Regulations 19.1.25 – 19.1.33 shall apply.

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

Compulsory Classes		Level	Credits
P3 950	Producing Media	5	20
P3 954	Scots Law for Journalists	5	20
P3 955	Media Ethics	5	20
P3 958	Multimedia Journalism	5	20
P3 957	Entrepreneurial Journalism	5	20

Optional Classes

No fewer than 20 credits chosen from

L2 909	Qualitative Methods	5	20
L2 913	European Political Economy	5	20
L2 914	European Governance	5	20
L2 915	Contesting Global Governance	5	20
L2 916	Comparative Public Policy	5	20
L2 917	Policy Analysis	5	20
P3 952	Journalism and Society	5	20
QQ 932	Covering Globalisation	5	20
QQ 932	Covering Globalisation	5	20
QQ 956	Travelin' Blues: Literature, Politics and Displacement	5	20

Such other Level 5 classes chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Course Director.

Students for the degree of MLitt only:

P3 956	Production Dissertation	5	60
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Examination, Progress and Final Assessment

19.127.45 Regulations 19.1.25 – 19.1.33 shall apply.

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

Award

19.127.47 **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.

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

19.127.49

to 19.127.50 (Numbers not used)

MLitt in Literary Journalism

Postgraduate Diploma in Literary Journalism

Course Regulations

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

Admission

19.127.51 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

Compulsory Class		Level	Credits
QQ 939	Research Skills in Literature, Culture and Communication	5	20

Optional Classes

List A

P3 940	Journalism and Cultural Politics	5	20
P3 941	Journalists in Film and Literature	5	20
P3 942	The Literature of Journalism	5	20

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:

P3 943	Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.127.55 Regulations 19.1.25 – 19.1.33 shall apply.
- 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)

19.128 Law

**LLM in Construction Law
Postgraduate Diploma in Construction Law
Postgraduate Certificate in Construction Law**

Course Regulations

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

Admission

19.128.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.

Duration of Study

19.128.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

19.128.4 All students shall undertake an approved curriculum as follows:

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

Compulsory Classes		Level	Credits
M9976	The Law of the Construction Industry	5	20
M9985	Law and Practice of Construction Management	5	20
M9 930	Research Methods	5	20
and either			
<i>Candidates without a Law degree:</i>			
M9 983	Legal Process and the Law of Contracts and other Obligations	5	20
or			
<i>Candidates with a Law degree</i>			
M9 902	The Context of Construction	5	20
Optional Classes		Level	Credits
No fewer than 20 credits chosen from:			
M9 967	Dispute Resolution	5	20
M9 984	Group Mock Adjudication Exercise and Hearing	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 Course Director offering the class and the Course Director of the course on which the student is registered.

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	Level	Credits
60 credits chosen from:		
M9 808 International Intellectual Property	5	20
M9 822 Software Licensing in a Global Environment	5	20
M9 829 Surveillance, Technology and Crime Control	5	20
M9 907 Internet Governance	5	20
M9 941 Intellectual Property Law	5	20
M9 829 Privacy, Crime and Security	5	20
M9 944 E-Commerce	5	20
M9 950 Domain Name Regulations	5	20
M9 975 Telecommunications Law	5	20

Students for the Postgraduate Diploma and degree of LLM only:

Compulsory Class

M9 980 Research Methods	5	20
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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

M9 900 Dissertation	5	60
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or

M9 955 Project	5	60
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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:

Optional Classes	Level	Credits
60 credits chosen from:		
M9 839 Surveillance, Technology and Crime Control	5	20
M9 975 Telecommunications Law	5	20
M9 941 Intellectual Property Law	5	20
M9 829 Privacy, Crime and Security	5	20
M9 944 E-Commerce	5	20
M9 907 Internet Governance	5	20

Students for the Postgraduate Diploma and degree of LLM only:

Compulsory Class

M9 980 Research Methods	5	20
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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
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or

M9 955 Project	5	60
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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 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
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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**
- 19.128.48 **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.
- 19.128.49 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Human Rights Law, a candidate must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.128.50 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Human Rights Law, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course.
- 19.128.51 **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%
- 19.128.52 **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.
- 19.128.53 to
19.128.60 (Numbers not used)

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

- 19.128.61 Regulations 19.1.1 -19.1.4 shall apply.

Duration of Study

- 19.128.62 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Place of Study

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

Curriculum

19.128.65 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
M9 920	The World Trading System: Law and Policy	5	20

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
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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:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits including those for all the compulsory classes
 for the degree of LLM – no fewer than 180 credits including a dissertation

Compulsory Classes		Level	Credits
M9 920	The World Trading System: Law and Policy	5	20
M9 921	International Environmental Law	5	20
Optional Classes			
No fewer than 20 credits chosen from:			
EC 911	International Trade Theory, Policy, and Institutions	5	20
M9 922	Human Rights and Business	5	20
M9 923	Competition Law and Policy in the EU	5	20
M9 924	Comparative Obligations Law	5	20
M9 925	Intellectual Property Law	5	20
M9 931	Legal Process and the Law of Contract and Other Obligations	5	20
ME 927	Energy Resources and Policy	5	20
M9 991	UK and EU Environmental Law	5	20
CL 960	Fundamentals of Environmental Forensic	5	20
CL 946	Global Water Policy	5	20

Students for the Postgraduate Diploma and degree of LLM only:

Compulsory Class		Level	Credits
M9 930	Research Methods	5	20

Optional Classes

No fewer than 40 credits and no more than 60 credits from the list of optional classes above. 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.

Students for the degree of LLM only:

M9 927	Dissertation	5	60
or			
M9 948	Field Dissertation	5	60

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

- 19.128.80 **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.
- 19.128.81 **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.
- 19.128.82 **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.
- 19.128.83 **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%.
- 19.128.84 **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:

Compulsory Classes		Level	Credits
M9 937	Theory and Principles of Conflict Resolution	5	20
M9 938	Mediation in Practice	5	20

Optional Classes

20 credits chosen from:

M9 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 MSc in addition will undertake:

Compulsory Class		Level	Credits
M9 980	Research Methods	5	20

Optional Classes

No fewer than 40 credits and no more than 60 credits chosen from the list of optional classes, or such other Level 5 classes as approved by the Course Director.

Students for the degree of LLM only:

M9 963	Dissertation (LLM)	5	60
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Students for the degree of MSc only :

M9 812	Dissertation (MSc)	5	60
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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 normally 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 normally have accumulated no fewer than 60 credits from the course curriculum.
- 19.128.94 **Distinction Award:** Regulation 19.1.49 shall apply.
- 19.128.95 **Merit Award:** Regulation 19.1.49 shall apply.

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

Compulsory Classes		Level	Credits
M9 801	Business and Financial Awareness	5	10
M9 802	Civil Litigation	5	10
M9 814	Personal Injury Claim Handling	5	10
M9 815	Professional Practice and Ethics	5	10
M9 817	Private Client	5	10
M9 819	Conveyancing	5	10
M9 820	Criminal Litigation	5	10

Optional Classes

No fewer than 50 credits chosen from:

M9 800	Advanced Private Client	5	10
M9 803	Advanced Criminal Advocacy	5	10
M9 804	Commercial Conveyancing	5	10
M9 805	Company Law	5	10
M9 806	Commercial Contracts and IP	5	10
M9 807	Family Business	5	10
M9 813	Family Law	5	10
M9 816	Practical Public Administration	5	10
M9 818	Work-Based Learning in a Legal Environment	5	10
M9 817	Employment Law	5	10
M9 827	Business Accounting for Legal Professionals	5	10
M9 828	Mediation and Meditation Advocacy	5	10

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)

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

Compulsory Classes	Level	Credits	
M9 843 Justice and Penal Decision-Making	5	20	
M9 845 Punishment and Processes of Penal Change		5	20

Optional Classes

No fewer than 60 credits and no more than 80 credits including at least 40 credits from either List A (LLM pathway) or List B (MSc pathway)

List A

M9 838 Childhood and Crime	5	20	
M9 842 Restorative Justice	5	20	
M9 846 Homicide (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%.

19.128.121 **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.

19.128.122
to 19.128.130 (Numbers not used)

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

		Level	Credits
M9 980	Research Methods	5	20
M9 848	Dissertation in Professional Legal Practice	5	60

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

- 19.128.140 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.

19.128.141
to 19.128.150 (Numbers not used)

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		Level	Credits
M9 930	Legal Research	5	20
M9 833	Case Analysis and Communication	5	20
M9 836	Written Advocacy and Negotiation	5	20
M9 837	Pre trial/proof/hearing advocacy	5	20
M9 834	Trial/proof/Arbitration Advocacy	5	20
Optional Class			
M9 832	Appellate Advocacy	5	20

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:

M9 835

Dissertation in Advocacy Studies

5

60

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.

19.128.162

to

19.128.179 (Numbers not used)

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		Level	Credits
M9 852	Contemporary Employment Relations	5	20
M9 854	Employment Law Theory and Practice	5	20

List A: Optional Classes

No fewer than 20 credits chosen from:

M9 945	Equality Law	5	20
M9 853	Labour Law in the Global Economy	5	20
M9 811	Employment Mediation	5	20
M9 957	International Human Rights Law	5	20
HR 918	Labour and Diversity in a Global Context	5	20

Students for the Postgraduate Diploma and degree of LLM/MSc in addition will undertake:

Compulsory Class	Level	Credits
M9 930 Research Methods	5	20

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:

LLM in Climate Change Law and Policy
Postgraduate Diploma in Climate Change Law and Policy
Postgraduate Certificate in Climate Change Law and Policy

Course Regulations

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

Admission

19.128.213 Regulations 19.1.1 and 19.1.2 shall apply

Duration of Study

19.128.214 Flexible Learning with a duration between one and three years.

Mode of Study

19.128.215 The course is available by distance learning study.

Curriculum

19.128.216 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
M9 857	Climate Change and International Law	5	20
M9 858	Comparative Climate Change Law	5	20

List A: Optional Classes

No fewer than 20 credits chosen from:

M9 XXX	Equity and Adaptation	5	20
M9 XXX	Carbon Markets and Climate Finance	5	20
M9 XXX	Forests, Land Use and Climate Change	5	20
M9 XXX	Sustainable Energy Governance	5	20
M9 XXX	Climate Change and Litigation	5	20
M9 XXX	Climate Change and the Global Economy	5	20

Students for the Postgraduate Diploma and degree of LLM in addition will undertake:

Compulsory Class		Level	Credits
M9 930	Research Methods	5	20

Optional Classes

No fewer than 40 credits and no more than 60 credits 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:		Level	Credits
M9 863	Dissertation (LLM)	5	60

Examination, Progress and Final Assessment

19.128.217 Regulations 19.1.25 – 19.1.33 shall apply except that in terms of Regulation 19.1.30, a student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 19.1.23 shall normally have two further opportunities to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide

Award

- 19.128.218 **Degree of LLM:** In order to qualify for the award of the degree of LLM in Climate Change Law and Policy, 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.
- 19.128.219 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Climate Change Law and Policy, a candidate must have accumulated no fewer than 60 credits from the course curriculum.
- 19.128.220 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Climate Change Law and Policy, a candidate must have accumulated no fewer than 60 credits from the course curriculum.

19.128.221 to
19.131 (numbers not used)

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

Compulsory Classes*		Level	Credits
L2 916	Comparative Public Policy	5	20
L2 917	Policy Analysis	5	20
<i>and two of the following</i>			
L2 909	Qualitative Methods	5	20
L2 941	Principles of Research Design	5	20
L2 905	Quantitative Methods 1	5	20
L2 908	Quantitative Methods 2	5	20

Optional Classes

No fewer than 40 credits chosen from:

L2 912	International Institutions and Regimes	5	20
L2 913	European Political Economy	5	20
L2 914	European Governance	5	20
L2 915	Contesting Global Governance	5	20
L2 909	Qualitative Methods*	5	20
L2 941	Principles of Research Design*	5	20

L2 905	Quantitative Methods 1*	5	20
L2 908	Quantitative Methods 2*	5	20

** if not taken as core*

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:

L2 933	Dissertation	5	60
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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

Compulsory Classes		Level	Credits
L2 941	Principles of Research Design	5	20
L2 905	Quantitative Methods 1	5	20
L2 908	Quantitative Methods 2	5	20
L2 909	Qualitative Methods	5	20

Optional Classes

No fewer than 40 credits chosen from:

L2 912	International Institutions and Regimes	5	20
L2 913	European Political Economy	5	20
L2 914	European Governance	5	20
L2 915	Contesting Global Governance	5	20
L2 916	Comparative Public Policy	5	20
L2 917	Policy Analysis	5	20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

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

Compulsory Classes		Level	Credits
L2 913	European Political Economy	5	20
L2 914	European Governance	5	20
L2 916	Comparative Public Policy	5	20
L2 917	Policy Analysis	5	20

Optional Classes

No fewer than 40 credits chosen from:

L2 941	Principles of Research Design	5	20
L2 905	Quantitative Methods 1: Survey Methods	5	20
L2 908	Quantitative Methods 2: Statistics and Analysis	5	20
L2 909	Qualitative Methods	5	20
L2 912	International Institutions and Regimes	5	20
L2 915	Contesting Global Governance	5	20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:

L2 933	Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.131.25 Regulations 19.1.25 – 19.1.33 shall apply.
- 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		Level	Credits
L2 912	International Institutions & Regimes	5	20
L2 915	Contesting Global Governance	5	20
L2 916	Comparative Public Policy	5	20
L2 917	Policy Analysis	5	20

Optional Classes

No fewer than 40 credits chosen from:

L2 941	Principles of Research Design	5	20
L2 905	Quantitative Methods 1: Survey Methods	5	20
L2 908	Quantitative Methods 2: Statistics and Analysis	5	20
L2 909	Qualitative Methods	5	20
L2 913	European Political Economy	5	20
L2 914	European Governance	5	20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Curriculum

19.131.63 All full-time students shall undertake an approved curriculum as follows:

Compulsory Classes	Level Credits	
L2 941 Principles of Research Design	5	20
L2 912 International Institutions and Regimes	5	20
L2 915 Contesting Global Governance	5	20
L2 914 European Governance	5	20

Optional Classes

No fewer than 40 credits chosen from:

L2 905 Quantitative Methods I	5	20
L2 908 Quantitative Methods II	5	20
L2 909 Qualitative Methods	5	20
L2 916 Comparative Public Policy	5	20
L2 917 Policy Analysis	5	20
L2 913 European Political Economy	5	20

Such other Level 5 classes up to a maximum of 40 credits chosen from other courses offered by the Faculty of Humanities and Social Sciences as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

For the degree of MSc – no fewer than 180 credits including a dissertation
Upon successful completion of the taught element:

L2933 Dissertation	5	60
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Examination, Progress and Final Assessment

19.131.64 Regulations 19.1.25 – 19.1.33 shall apply.

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

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

Award

19.131.67 **Degree of MSc:** In order to qualify for the award of the degree of MSc in International Politics and Organisations, 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.

19.131.68 **Postgraduate Diploma* (only for students that do not complete the dissertation):** 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.

19.132 Psychology

MSc in Educational Psychology

Course Regulations

[These regulations are to be read in conjunction with Regulation 20.1]

Admission

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

Duration

- 19.132.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

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

Curriculum

- 19.132.4 Notwithstanding Regulation 19.1.12, all students shall undertake an approved curriculum of no fewer than 360 credits

First Year

Compulsory Classes		Level	Credits
C8 901	Professional Practice Year 1	5	90
C8 913	Theories, Concepts and Skills for Educational Psychology Year 1	5	90

Second Year

Compulsory Classes		Level	Credits
C8 902	Professional Practice Year 2	5	90
C8 914	Theories, Concepts and Skills for Educational Psychology Year 2	5	90

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.

Compulsory Classes		Level	Credits
C8 937	Dissertation	5	120

C8 938	Methods in Experimental Psychology	5	10
C8 939	Quantitative Research Methods: Research Design, Statistics and Computing	5	20
C8 940	Analysing Discourse and Interaction	5	10
C8 942	Practical Research Skills	5	10
C8952	Software Skills	5	10

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.

19.132.28 **Certificate of Postgraduate Studies:** shall be awarded to a candidate who successfully completes all taught components and has attained no fewer than 60 credits but less than 180 credits.

19.132.29 to

19.132.48 (numbers not used)

Clinical Health Psychology

MSc Clinical Health Psychology

Postgraduate Diploma Clinical Health Psychology

Postgraduate Certificate Clinical Health Psychology

Course Regulations

[These regulations are to be read in conjunction with Regulations 19.1] 19.132.49

19.132.49 **Admission**

Notwithstanding Regulation 19.1.1 & 19.1.2, candidates 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

19.132.50 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.132.51 The course is available by full-time or part-time study only.

Curriculum

19.132.52 All students studying shall undertake an approved curriculum no fewer than 180 credits for Masters or 120 credits for Postgraduate Diploma including a dissertation.

Compulsory Classes		Level	Credits
C8 957	Dissertation Clinical Health Psychology	5	60
C8 938	Methods in Experimental Psychology	5	10
C8 940	Analysing Discourse and Interaction	5	10
C8 958	Quantitative Methods for Applied Psychology	5	10
C8 954	Health Psychology related to Medical Conditions	5	20
C8 953	Clinical Psychology related to Medical Conditions	5	20
C8 955	Neuro Psychology related to Medical Conditions	5	20
C8 956	Theories of Mind and Body	5	10
C8 959	Professional Practice and Placement	5	20

Examination, Progress and Final Assessment

19.132.53 Regulations 19.1.52 to 19.31.33 shall apply.

19.132.54 The final assessment will be based on performance in all elements of the coursework, the dissertation and, if required, in an oral examination.

Award

19.132.55 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Clinical Health Psychology a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits of which 60 credits must have been awarded in respect of the dissertation.

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

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

19.133 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 by the University of Strathclyde. The regulations which have been approved by Senate are as follows.

Admission

19.133.1 Regulation 19.1.1 shall apply.

In addition, all successful applicants must satisfy the requirements for professional registration by the Scottish Social Services Council (SSSC).

Duration of Study

19.133.2 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

19.133.3 The Postgraduate Diploma in Social Work is available by full-time study only. The dissertation element of the Master of Social Work is available by full-time and part-time study.

Place of Study

19.133.4 The courses include study at the University of Strathclyde and placement outwith the University campus.

Curriculum

19.133.5 All students shall undertake an approved curriculum as follows:

for the Postgraduate Certificate – no fewer than 60 credits

for the Postgraduate Diploma – no fewer than 120 credits

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

Compulsory Classes		Level	Credits
L5 936	Theory and Practice 1	5	15
L5 937	Practice 1	5	15
L5 953	Understanding Society in a Social, Policy and Legislative Context	5	30

Year 2			
L5 938	Organising Social Work Services	5	15
L5 939	Harm, Risk, and Protection	5	15
L5 940	Theory and Practice 2	5	15
L5 941	Practice 2	5	15
Year 3			
Students for the degree of Master only:			
L5 944	Dissertation	5	60

Examination, Progress and Final Assessment

- 19.133.6 Regulations 19.1.29 and 19.1.30 shall apply.
- 19.133.7 In order to progress to the Postgraduate Diploma in Social Work, a student must have successfully accumulated at least 60 credits from the course curriculum.
- 19.133.8 In order to progress to the degree of Master, a student must have successfully accumulated at least 120 credits from the course curriculum and have submitted a satisfactory proposal for a dissertation.
- 19.133.9 The final assessment will be based on performance in the assessments, coursework, 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 at Level 5 from the course curriculum.
- 19.133.13
to 19.133.20 (Numbers not used)

MSc in Community Care
Postgraduate Diploma in Community Care
Postgraduate Certificate in Community Care

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

Compulsory Classes		Level	Credits
L5 916	Principles of Community Care	5	15
L5 919	Values and Ethics in Community Care	5	15
L5 946	Practice of Community Care	5	30

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

Compulsory Class		Level	Credits
L5 920	Research Methods in Community Care	5	15

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 at Level 5, 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 (Mental Health Officer Award)

Course Regulations

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

The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is conferred jointly by the University of Strathclyde and Glasgow Caledonian University. The regulations are drawn up consequent upon a Collaborative Agreement which has been approved by Senate. The University of Strathclyde is the administering university.

Admission

- 19.133.31 Regulation 19.1.1 shall apply.
In addition, all successful applicants will be required to have had at least two years of appropriate, post-qualifying professional experience. All applicants must satisfy the requirements for professional registration outlined by the Scottish Social Services Council (SSSC).

Duration of Study

- 19.133.32 Regulations 19.1.5 and 19.1.6 shall apply.
Notwithstanding the provisions of Regulation 19.1.5, the normal duration of study shall be 12 months. For those in part time employment it is possible to undertake the course of study over 24 months.

Mode of Study

- 19.133.33 The Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) is available by part-time study only.

Place of Study

- As permitted by regulation 19.1.8
19.133.34 The course is delivered at the University of Strathclyde, Glasgow and at Glasgow Caledonian University. The practice learning component of the course takes place within the student's employing agency.

Curriculum

- 19.133.35 All students shall undertake an approved curriculum as follows:

Compulsory Classes	Level	Credits
L5 962 Mental Health Officer Theory and Practice I	5	30
L5 963 Mental Health Officer Theory and Practice II	5	30

Assessment

- 19.133.36 Regulations 19.1.18 – 19.1.19 shall apply.

Progress

- 19.133.37 The assessment for class L5 962 Mental Health Officer Theory and Practice I incorporates an assessment of the student's practice. This practice must be assessed as a pass before the student can progress to class L5 963, Mental Health Officer Theory and Practice II.
- 19.133.38 The final assessment will be based on performance in the assessments, coursework and, if required, in an oral examination.

Award

- 19.133.39 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Mental Health Social Work (Mental Health Officers Award) a student must have accumulated 60 credits at Level 11 from the course curriculum.

MSc in Child and Youth Care Studies by Distance Learning
Postgraduate Diploma in Child and Youth Care Studies by Distance Learning
Postgraduate Certificate in Child and Youth Care Studies by Distance Learning

Course Regulations

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

Admission

- 19.133.40 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply.
 In addition, all successful applicants will be required to have had at least two years of appropriate, post-qualifying professional experience.

Duration of Study

- 19.133.41 Regulations 19.1.5 and 19.1.6 shall apply.

Mode of Study

- 19.133.42 The course is available by part-time study only.

Curriculum

- 19.133.43 All students shall undertake an approved curriculum as follows:

All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
L5 912	Child and Youth Care Studies: Theoretical Contexts	5	20
L5 905	Child and Youth Care Studies: Child Development in the Lifespace	5	20
L5 906	Child and Youth Care Studies: Management and Leadership	5	20

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

L5 904	Child and Youth Care Studies: Intervention	5	20
L5 914	Child and Youth Care Studies: Use of Self, Communication Skills and Critical Reflection	5	20
L5 915	Child and Youth Care Studies: Research Methods	5	20

Students for the degree of MSc only:

L5 917	Child and Youth Care Studies: Research Project leading to a dissertation	5	60
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Examination, Progress and Final Assessment

- 19.133.44 Regulations 19.1.25 – 19.1.33 shall apply.

- 19.133.45 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.
- 19.133.46 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**
- 19.133.47 **Degree of MSc:** In order to qualify for the award of the degree of MSc in Child and Youth Care Studies by Distance Learning, a candidate must have accumulated no fewer than 180 credits at Level 5, of which 60 must have been awarded in respect of the Dissertation.
- 19.133.48 **Postgraduate Diploma :** In order to qualify for the award of Postgraduate Diploma in Child and Youth Care Studies by Distance Learning, a student must have accumulated no fewer than 120 credits from the taught classes of the course.
- 19.133.49 **Postgraduate Certificate:** In order to qualify for the award of Postgraduate Certificate in Child and Youth Care Studies by Distance Learning, a student must have accumulated no fewer than 60 credits from the taught classes of the course.

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

Award

- 19.134.8 **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.
- 19.134.9 **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.
- 19.134.10 **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

- 19.134.11 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

- 19.134.12 Regulations 19.1.5 and 19.1.6 shall apply

Mode of Study

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

Curriculum

- 19.134.14 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 including at least 20 credits from the optional classes in List A
 for the degree of MSc – no fewer than 180 credits, including a dissertation

Compulsory Classes		Level	Credits
L3 927	Designing Research	5	20
L7 923	Governing Cities of Difference	5	20
M9 987	Human Rights and Immigration Legislation	5	20

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

Optional Classes

No fewer than 60 credits including at least 20 credits from List A

List A

L3 929	Qualitative Methods	5	20
L3 930	Social Research Today	5	20

List B

L2 904	Philosophy of Social Science	5	20
L2 905	Quantitative Methods 1	5	20
L3 917	Action Research	5	20
L3 922	Investigative Research	5	20
P3 926	Manufacture of Consent	5	20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:

L3 919	Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.134.15 Regulations 19.1.25 – 19.1.33 shall apply.
- 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

Compulsory Classes		Level	Credits
L3 916	Designing Research	5	20
L3 922	Investigative Research	5	20
L3 929	Qualitative Methods	5	20
P3 926	Manufacture of Consent	5	20

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

Optional Classes

L2 904	Philosophy of Social Science	5	20
L2 905	Quantitative Methods 1	5	20
P3 925	Investigative Journalism: History and Theory	5	20
P3 952	Journalism and Society	5	20
P3 955	Media Ethics	5	20

Such other Level 5 classes up to a maximum of 20 credits chosen from other courses offered by the University as may be approved by the Head of Department offering the class and the Course Director of the course on which the student is registered.

Students for the degree of MSc only:

P3 932	Dissertation	5	60
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Examination, Progress and Final Assessment

- 19.134.25 Regulations 19.1.25 – 19.1.33 shall apply.
- 19.134.26 Progress may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
- 19.134.27 The final assessment will be based on performance in the examinations, coursework, 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.

19.134.31 to
19.134.99 (numbers not used)

Postgraduate Diploma in Gaelic Immersion for Teachers

Course Regulations

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

Admission

19.135.1 Regulations 19.1.1, 19.1.2 and 19.1.3 shall apply. 19.1.4 shall not apply.

In addition, all applicants must be registered with the General Teaching Council for Scotland and have achieved the Standard for Full Registration. They must have intermediate competence in Gaelic.

Duration of Study

19.135.2 The minimum period of study is 9 months. The maximum period is as set out in regulation 19.1.6.

Mode of Study

19.135.3 The Postgraduate Diploma in Gaelic Immersion for Teachers is available by full-time study only.

Place of Study

19.135.4 The course includes study at the University of Strathclyde and the University of Edinburgh, and placements in Gaelic-medium schools and other appropriate work settings.

Curriculum

19.135.5 All students shall undertake an approved curriculum as follows, each at Level 5 (20 Credits)

		Level	Credits
X3 959	Gaelic 1: Threshold (CEFR B1)	5	20
X3 966	Gaelic 2: Vantage (CEFR B2)	5	20
X3 967	Gaelic 3: Proficiency (CEFR C1)	5	20
X7 927	Pedagogy 1: Language Learning and Teaching	5	20
X7 928	Pedagogy 2: Gaelic Medium Education: Provision, Policy, Practice	5	20
X7 929	Pedagogy 3: Bilingualism	5	20

Regulation 19.1.15 shall not apply. Course delivery, materials, assessed work and oral examination shall be in Gaelic or English unless stated otherwise in individual course regulations and published in the Course

Handbook.

Examination, Progress and Final Assessment

19.135.6 Regulations 19.1.25 – 19.1.27 and 19.1.29 – 19.1.33 shall apply.

Regulation 19.1.28 is amended as follows: Except where a course includes an integrative/reflective class that will draw on work in other classes, or where a task is dually assessed for both linguistic and pedagogical performance, each item of work may only be assessed in one class.

Award

19.135.7 **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Gaelic Immersion for Teachers, a student must have accumulated no fewer than 120 credits from the course curriculum.

19.135.8 to
19.150 (numbers not used)

Researcher Professional Development

Postgraduate Certificate in Researcher Professional Development

This course provides an academically-recognised framework for the Researcher Development Programme. It recognises researcher development skills training activities, as outlined in the Researcher Development Framework and Statement, that are an embedded part of Doctoral training programmes.

Course Regulations

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

Admission

19.150.1 Regulations 19.1.1 and 19.1.2 shall apply. All students will also be registered for a Doctoral programme under Regulation 20.1.

Duration of Study

19.150.2 Regulation 19.1.4 and 19.1.5 shall apply. The normal duration of study will be 36 months.

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

Curriculum

19.150.4 All students shall undertake an approved curriculum as follows:

Compulsory classes		Level	Credits
RD 901	Researcher Knowledge and Intellectual Abilities	5	20
RD 902	Researcher Personal Effectiveness	5	10
RD 903	Research Governance and Organisation	5	10
RD 904	Researcher Engagement, Influence and Impact	5	10
RD 905	Researcher Professional Development Elective	5	10

Examination, Progress and Final Assessment

19.150.5 Regulations 19.1.25-19.1.33 shall apply.

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

Award

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

Postgraduate Study and Research

20

Regulations for Higher Degrees

The following awards are conferred by the University by the authority of the Senate under Ordinances 3 and 4 in accordance with the following Regulations 20.1, 20.2, 20.3 and 20.4.

Research Degrees [Degrees with a predominant or significant research content]

Master of Research (MRes)

Master of Philosophy (MPhil)

Doctor of Business Administration (DBA)

Doctor of Education (EdD)

Doctor of Educational Psychology (DEdPsy)

Doctor of Engineering (EngD)

Doctor of Philosophy (PhD)

Notes

- 1 *Throughout these regulations, part-time study includes part-time study and open learning.*
- 2 *Where the phrase “Course Director (or nominees)” is used in these regulations, the Head of Department shall nominate appropriate Officers (e.g. Selector or Course Director) or relevant Faculty Committee in each case in accordance with any Departmental or Faculty procedures.*
- 3 *In the Faculty of Humanities and Social Sciences, research students are based in the Graduate School and the 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 the successful completion of the PG Certificate in Researcher Professional Development (see Regulation 19.150 for details) with a minimum credit rating of 60 credits as stipulated by the Head of Department and/or nominees and a thesis.

20.1.10 The programme for the degree of Doctor of Engineering shall include researcher development skills training with a minimum credit rating of 60 credits (and normally not more than 210 credits) as stipulated in the course regulations, and a portfolio of project related material.

In Regulation 20.1, where thesis is referred to, it is to be interpreted for Doctor of Engineering candidates as the portfolio.

20.1.11 Within the requirement in Regulation 20.1.9 up to 30 credits of the PG Certificate in Researcher Professional Development may be waived under Recognition of Prior Learning (RPL), and within Regulation 20.1.10, up to 30 researcher development skills training may be waived under Recognition of Prior Learning (RPL) by the Head of Department (or nominees) where the doctoral candidate holds a Master's degree in a subject cognate to their field of study or have evidence of equivalent professional training or work-based experience

20.1.12 The thesis shall embody the results of the doctoral candidate's original research and must make, in the opinion of the examiners, an identifiable contribution to knowledge. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Doctoral candidates

20.1.13 Each doctoral candidate who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2 The Head of Department has responsibility for appointing appropriate

supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

In the case of Doctor of Engineering candidates, the second supervisor shall be an industrial supervisor normally with experience of professional and career development in addition to having technical or managerial knowledge of the doctoral candidate's research area.

20.1.14 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a doctoral candidate leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

- (i) the doctoral candidate's registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;
- (ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring doctoral candidate progress and supervision; and
- (iii) the arrangements for ensuring regular contact between supervisors and the doctoral candidate throughout the period of study.

When operating within the University of Strathclyde, the doctoral candidate shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.1.15 When a doctoral candidate's approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall 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 the PG Certificate in Researcher Professional Development or researcher development training, to the satisfaction of the Department.

20.1.17 A doctoral candidate must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

20.1.18 Doctoral candidates have an obligation to inform the University Student Experience – Student Business at the very first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

20.1.19 A doctoral candidate who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such doctoral candidates shall be reported immediately to the relevant Board of Study.

Submission of Theses

[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]

20.1.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.1.12 and 20.1.15.

- 20.1.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.
- 20.1.22 Candidates for the degree of Doctor of Engineering must include within their portfolio a bound stand-alone summary document which describes the contribution to knowledge and innovation.
- 20.1.23 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited to not more than 100,000 words.

Examinations

- 20.1.24 The doctoral candidate shall be examined by a thesis, any necessary coursework (as specified under Regulation 20.1.8 or 20.1.9) and by oral examination.
- 20.1.25 The examination of a doctoral candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the doctoral candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the doctoral candidate's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.
- For the degree of Doctor of Engineering, the Examining Committee shall include a second External Examiner who shall be from a different academic discipline than the academic supervisor.
- 20.1.26 The Examining Committee shall
- (i) assess the thesis submitted by the candidate;
 - (ii) act as the Board of Examiners for the award of the credits for the PG Certificate in Researcher Professional Development under the provision of Regulation 20.1.9 or taught classes or research training undertaken under the provision of Regulation 20.1.10;
 - (iii) subject the candidate to the oral examination.
- In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.
- 20.1.27 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:
- (i) the doctoral candidate be awarded the appropriate degree;
 - (ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;
 - (iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
 - (iv) the doctoral candidate be transferred to an appropriate Master's degree provided the doctoral candidate satisfies the appropriate progress and curricular requirements;
 - (v) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

- 20.1.28 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a doctoral candidate to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.
- 20.1.29 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate's registration from the degree of Doctor of Engineering to that for the degree of Doctor of Philosophy or vice-versa. The Board of Study will determine what recognition 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
- (ii) notwithstanding the doctoral candidate's obligations under Regulation 20.1.18, that there were medical, personal or other circumstances affecting the doctoral candidate's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
- (iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.1.37 A doctoral candidate has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Director of Corporate Services within a period of six weeks from the date of notification to the doctoral candidate of the outcome of the preceding appeal to the Board of Study. The doctoral candidate shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.1.38 A doctoral candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.1.39 To qualify for the award of a Doctor of Philosophy, a candidate must have achieved the minimum number of credits specified in the course regulations of the PG Certificate in Researcher Professional Development and have satisfied the examiners with regard to the thesis.

20.1.40 To qualify for the award of a Doctor of Engineering, a candidate must have achieved the minimum number of credits specified in the course regulations and have satisfied the examiners with regard to the thesis.

20.1.41 The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.1.42 The Senate may admit as candidates for the degree of Doctorate, members of the academic and related staff of the University appointed under the provisions of Ordinance 4.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.1.4 and 20.1.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Doctor of Philosophy under the provisions of this Regulation.

20.1.43 A thesis submitted for the degree of doctorate by a member of the academic staff of the University appointed under the provisions of Ordinance 4 may consist substantially or in part of work previously published by the candidate, provided the thesis is so composed as to present a connected record of research in a field of study.

20.2 **General Regulations for Professional Doctorate degrees**

[These regulations are to be read in conjunction with Regulations 3, 4, 5, 6 and 20.6.]

Admission

20.2.1 Applicants must:

- (i) possess a Master's or an Integrated Master's degree; or
- (ii) possess a first or upper second class Honours degree from a United Kingdom University; or
- (iii) possess other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above; or
- (iv) be deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to have achieved an academic standard equivalent to (i) or (ii) above;

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

20.2.3 Applicants who satisfy the provisions of Regulation 20.2.1 shall in addition, be experienced professional practitioners in their chosen field.

Credit Transfer and Recognition of Prior Learning (RPL)

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

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

Exemption granted on the basis of Credit Transfer or RPL will be allowed primarily where students can demonstrate that the relevant specific learning outcomes have been achieved (i.e. primarily for specific rather than general credit). The extent of any allowed exemption shall preferably not exceed 50% of the credits appropriate to the course or 60 credits where this is less. Where any such exemption is granted, the relevant Board of Study, acting on behalf of the Senate, may approve an appropriate reduction in the minimum period of study.

Minimum Periods of Study

20.2.5 The minimum period of study for each student shall be confirmed by the relevant Vice Dean (or nominees) acting on behalf of the Senate. Only exceptionally will the following minimum periods of full-time study be reduced.

For full-time study

All Professional Doctorates

36 months

For part-time study

The minimum period of study should be the learning equivalent of the full-time study period required taking account of the conditions under which the student will work. The actual study time will normally be greater than for full-time study.

A candidate's thesis shall be submitted not earlier than two months before the candidate is due to complete the prescribed minimum period of study.

Maximum Periods of Study

20.2.6 Except with the permission of the Senate, a candidate's thesis must be submitted within a prescribed period from the date of the candidate's registration as follows:

For full-time study 60 months

For part-time study

The expected period of study must be reviewed annually by the Supervisors and confirmed annually at Registration.

Place of Study

20.2.7 Except where the Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Nature of Study

20.2.8 The structure of a professional doctorate degree shall normally accord with the following:

- (i) directed study on research methods; and
- (ii) directed study on areas of specialist knowledge; and
- (iii) a literature review/mini dissertation

each with a minimum credit rating of 60.

In addition, all students shall be required to undertake a scheme of research, leading to a thesis in a field of study approved by the relevant Head of Department on behalf of the Senate.

Each candidate for an award must follow the programme as prescribed in the relevant course regulations.

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

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

20.2.10 The thesis shall embody the results of the candidate's original research and must make, in the opinion of the examiners, an identifiable contribution to the creation and interpretation of new knowledge through original research or other advanced scholarship. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research

20.2.11 Each student who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research

Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

In the case of the Doctor of Educational Psychology, the primary supervisor shall be a qualified educational psychologist employed by the University.

In the case of the Doctor of Pharmacy, at least one Supervisor shall be registered as a member of the General Pharmaceutical Council (GPhC).

20.2.12 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

- (i) the student's registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study;
- (ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and
- (iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations.

20.2.13 When a student's approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

Attendance, Performance and Progression

20.2.14 Every applicant admitted to a professional doctoral programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.

20.2.15 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.

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

20.2.17 A student who, in the opinion of the Head(s) of the Department(s) (or nominees(s)) does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw. The names of such students shall be reported immediately to the relevant Board of Study.

20.2.18 Students for the degree of professional doctorate, will normally be expected to have satisfactorily completed 180 credits at Level 5 from the course curriculum before being permitted to proceed to the thesis.

20.2.19 Progression through the course is prescribed in the individual course regulations.

Submission of Theses

[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.6]

- 20.2.20 When a thesis is submitted, it shall be accompanied by the declaration required by Regulation 20.2.10 and 20.2.13.
- 20.2.21 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.
- 20.2.22 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, should normally comprise no less than 50,000 and no more than 60,000 words.

Examinations

- 20.2.23 The candidate shall be examined by a thesis, any necessary coursework (as specified in Regulation 20.2.8) and by oral examination.
- 20.2.24 The examination of a candidate shall be undertaken by an Examining Committee nominated by the relevant Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall include at least one External Examiner and one Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Committee and must attend the oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend the oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.
- 20.2.25 The Examining Committee shall
- (i) assess the thesis submitted by the candidate;
 - (ii) act as the Board of Examiners for the award of the credits for the taught classes or research training undertaken under the provisions of Regulation 20.2.8;
 - (iii) subject the candidate to the oral examination.
- In all cases the examiners may subject the candidate to such additional examination, written or oral, as they deem necessary, and shall report to the appropriate Board of Study, which shall make recommendation to the Senate.
- 20.2.26 The Examining Committee may make the following recommendations to the relevant Board of Study and to the Senate:
- (i) the candidate be awarded of the appropriate professional doctorate degree;
 - (ii) subject to minor corrections to the thesis being carried out satisfactorily, the degree be awarded;
 - (iii) re-submission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
 - (iv) the candidate be transferred to a Master's degree provided they satisfy the appropriate progress and curricular requirements;
 - (v) the candidate be awarded the degree of MSc or the Postgraduate Diploma in the relevant area.
 - (vi) the award be withheld and the candidate be required to withdraw.

In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the Internal Examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

- 20.2.27 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.
- 20.2.28 On the recommendation of the Head of the Department concerned, the relevant Board of Study, acting on behalf of the Senate, may approve transfer of a candidate's registration from the degree of professional doctorate to that for the degree of Master of Philosophy or vice-versa.
- 20.2.29 A student for a professional doctorate degree may, after consultation with the Head of the Department concerned, be permitted to transfer registration to a Master's degree at any time before submission of the thesis, subject to the student satisfying the appropriate progress and curricular requirements.
- 20.2.30 Where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory the relevant Board of Study, acting on behalf of the Senate, may decide that the student's registration be transferred to a Master's degree subject to the student satisfying the appropriate progress and curricular requirements.
- 20.2.31 Notwithstanding Regulation 20.2.6, the Senate, on the recommendation of the relevant Board of Study may approve an extension to the maximum period of study.
- 20.2.32 Notwithstanding the provisions of Regulations 20.1.28 to 20.1.30 inclusive, where the Board of Study concerned receives a report from the relevant Head of Department that the progress made by a candidate for the professional doctorate degree is unsatisfactory or where an Examining Committee reports that a candidate has failed to satisfy it, the Board of Study, acting on behalf of the Senate, may terminate the student's registration and require the student to withdraw.
- 20.2.33 Notwithstanding the provisions of Regulation 20.2.26, a student who is reported to the relevant Board of Study under Regulation 20.2.14 for persistent non-attendance, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw.
- 20.2.34 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against Transfer of Registration, and Withdrawal

- 20.2.35 Any student required to transfer registration under the provisions of Regulations 20.2.26, 20.2.28, 20.2.29 or 20.2.30 or to withdraw under the provisions of Regulations 20.2.32 or 20.2.33 may appeal to the relevant Board of Study for reconsideration of their case on any of the following grounds:
- (i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the

- examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
- (ii) notwithstanding the student's obligations under Regulation 20.2.16, that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
 - (iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.

Any such appeal must be supported by appropriate documentary evidence and must be lodged in writing with the appropriate Faculty Officer not later than a date specified by the Board of Study and contained in the letter informing the candidate of the requirement to transfer registration or withdraw.

20.2.36 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Any such appeal shall be set out in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the Board of Study. The student shall have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.2.37 A candidate who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general regulations will, on payment of the required fees, be entitled to receive the appropriate award.

20.2.38 To qualify for the award, a candidate must have obtained passes in the curriculum as specified in the course regulations.

20.2.39 The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

20.2.40 The Senate may admit as candidates for the Doctorate members of the academic and related staff of the University appointed under the provisions of Ordinance 4

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.2.5 and 20.2.6 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 96 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for a Professional Doctorate degree under the provisions of this Regulation.

20.2.41 A thesis submitted for the degree of doctorate by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 4, Section 2.1 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

(see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Nature of Study

20.3.7 All students shall be required to undertake researcher development skills training as approved by the relevant Head of Department on behalf of the Senate. The training shall include taught classes or research training with a minimum credit rating of 20 credits (and normally not more than 60 credits) as stipulated by the Head of Department (or nominees) and a thesis.

20.3.8 The thesis shall embody the results of the candidate's work: this may be a record of original research or a critical review of existing knowledge or a combination of these two forms. The thesis shall be composed by the candidate, shall not have been previously submitted for examination leading to the award of a degree and shall be accompanied by a declaration to these effects signed by the candidate.

Supervision of Research Students

20.3.9 Each student who is undertaking studies entailing a scheme of research shall be supervised by at least two supervisors, at least one of whom shall be a member of academic or research staff on Teaching and Research Grade 8 (or above) who has been appointed under Ordinance 4.2. The Head of Department has responsibility for appointing appropriate supervisor(s). Where appropriate, the Head of Department may also appoint a work-based professional to act in the capacity of a mentor.

20.3.10 Where the Senate has approved an arrangement with another institution or agency for joint supervision of a student leading to an award or joint award of the University, the Head of Department (or nominee) shall provide the relevant Board of Study with written details of:

- (i) the student's registration (i.e. whether University of Strathclyde regulations will apply or those of the collaborating institution) and primary place of study; and
- (ii) the name, duties and responsibilities of both the day-to-day and remote supervisors, including arrangements for induction and monitoring student progress and supervision; and
- (iii) the arrangements for ensuring regular contact between supervisors and the student throughout the period of study.

When operating within the University of Strathclyde, the student shall be deemed to be a student of the University of Strathclyde and shall be bound by its regulations

20.3.11 When a student's approved scheme of research has been completed and a thesis submitted, the supervisor(s) shall sign a declaration that the candidate has complied with the regulations that relate to the award for which the student is a candidate.

Attendance and Performance

20.3.12 Every applicant admitted to a Master of Philosophy programme shall be required to attend regularly and to perform the required work, including attendance at taught classes or research training, to the satisfaction of the Department.

- 20.3.13 A student must achieve an approved standard of performance against defined criteria within twelve months of the start of study and at least annually thereafter. The assessment shall normally be carried out by a Research Panel appointed by the Head of Department.
- 20.3.14 Students have an obligation to inform the University Student Experience – Student Business at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study
- 20.3.15 A student who, in the opinion of the Head(s) of the Department(s) and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, may be required to withdraw.

Submission of Theses

[The following regulations for Submission of Theses should be read in conjunction with Regulation 20.5]

- 20.3.16 When a thesis is submitted, it shall be accompanied by the declaration required by Regulations 20.3.8 and 20.3.11.
- 20.3.17 The thesis shall be written in English. Exceptionally, the relevant Board of Study may permit submission in a language other than English, in which case a translation of the abstract into English must accompany the thesis.
- 20.3.18 Unless permission is granted exceptionally by the relevant Board of Study and in advance of submission of the thesis, the main text of a thesis excluding appendices and annotations, is limited as follows:

Candidates for the degree of Master in the Faculty

of Law, Arts and Social Sciences	No more than 30,000 words
Candidates for all other degrees of Master	No more than 50,000 words

Examinations

- 20.3.19 The candidate shall be examined by a thesis, researcher development skills training (as specified under Regulation 20.3.7) and, if required by the Examining Committee, by oral examination.
- 20.3.20 The examination of a candidate shall be undertaken by an Examining Committee nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate. The Examining Committee shall comprise at least one External Examiner and an Internal Examiner. The Head of Department will identify a member of University staff, who is not one of the Internal Examiners or supervisors, to convene the Examining Committee and must attend any oral examination. After consultation with the candidate and the Examiners, the Convener may invite one supervisor to attend any oral examination in a non-examining capacity. Only in exceptional circumstances shall the student's supervisor be appointed an Internal Examiner and in such cases a second Internal Examiner shall be appointed.
- 20.3.21 The Examining Committee shall
- (i) assess the thesis submitted by the candidate;
 - (ii) act as the Board of Examiners for the award of the credits for the researcher development skills training undertaken under the provisions of Regulation 20.3.7.
- The candidate may be required to submit to oral examination by the Examining Committee.

- 20.3.22 The Examining Committee shall report to the appropriate Board of Study, which shall make recommendation to the Senate that
- (i) the candidate be awarded the appropriate degree;
 - (ii) the award of the degree be withheld pending further study or resubmission of the thesis within a specified time limit when the Examining Committee will be reconvened to re-assess the thesis;
 - (iii) the candidate be transferred to an appropriate Doctoral degree;
 - (iv) the award be withheld and the candidate be required to withdraw.
- In the case of (ii) above, the candidate shall not normally be allowed to graduate until the amendments have been carried out to the satisfaction of the examiners.

Voluntary Suspension, Transfer of Registration or Withdrawal

- 20.3.23 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of a year or transfer between full-time and part-time study where available.

- 20.3.24 After a student has passed a formal assessment against defined criteria, the Head of the Department concerned, may, through the relevant Board of Study, recommend to the Senate the transfer of a student's registration to that for the degree of doctor provided the student satisfies the appropriate progress and curricular regulations. On the recommendation of the Board of Study, the Senate will determine what recognition 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 20 credits of researcher development skills and have satisfied the examiners with regard to the thesis and, if required, the oral examination.

The candidate will receive a parchment setting forth the Department in which the award has been granted.

Staff Candidature

- 20.3.30 The Senate may admit as candidates for the degree of Master of Philosophy members of the academic and related staff of the University appointed under the provisions of Ordinance 4.

Such candidates shall not be bound by the provisions governing minimum and maximum periods of study contained in Regulations 20.3.4 and 20.3.5 as long as they remain members of the academic and related staff of the University, normally subject to a maximum duration of 60 months.

Other members of the staff of the University or of an institution in special relationship with the University (see Regulation 20.6) may with the specific approval of the Senate be admitted as candidates for the degree of Master of Philosophy under the provisions of this Regulation.

- 20.3.31 A thesis submitted for the degree of Master by a full-time member of the academic staff of the University appointed under the provisions of Ordinance 4, Section 2.1 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 elapsed time	48 months

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

Mode of Study

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

Place of Study

20.4.8 Except where the Senate has approved distance learning arrangements for off campus delivery, study shall normally be undertaken within the University or within an institution or agency approved by the Senate for the purpose (see Regulation 20.6 and University Policy and Code of Practice for collaborative (off-campus and overseas) courses leading to awards or joint awards of the University and flexible and distributed learning (including e-learning)).

Course Structure and Curriculum

20.4.9 All courses shall be modular and credit rated in accordance with the University Awards Framework in Regulation 20.4.10. Individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

20.4.10 The structure of courses shall normally embody 180 credits including a minimum of 150 credits at Level 5. These shall include a dissertation or report or a design or project amounting to not less than 120 credits.

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

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

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

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

The choice of classes may be subject to constraints of timetabling and may also be influenced by professional requirements as well as by a student's entrance qualifications or pre-requisite classes passed.

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

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

Dissertation, Report, Design or Project

- 20.4.14 The dissertation or report or the design or project shall be of a length and standard approved by the relevant Board of Study and shall normally be submitted by a date approved by the Board of Study and published in the appropriate Course Handbook.

- 20.4.15 Any dissertation or report or design or project submitted under the provisions of Regulation 20.4.14 shall be written in English. Exceptionally, a Board of Study may permit submission in a language other than English in which case a translation of the abstract as a minimum into English must accompany the dissertation or report or design or project.

Attendance and Performance

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

A student who, in the opinion of the Head(s) of the Department(s) (or nominee(s)) offering a class and the relevant Vice Dean, does not satisfy the requirements as to attendance and to performance and having been informed in writing, shall not be entitled to take the examination in the subject of that class and shall be so informed. A student may subsequently be permitted by the Course Director (or nominee) to take the examination in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

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

Examinations and Assessment

- 20.4.18 The Board of Examiners shall consist of not less than two members of academic staff responsible for the conduct of the course and one External Examiner. The Course Director, following consultation with the Head of Department, will identify a member of University staff to convene the Board of Examiners.

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

- 20.4.20 Taught classes shall be assessed by
- (i) coursework assignments; or
 - (ii) written examinations; or
 - (iii) oral examinations; or
 - (iv) any combination of the above
- unless specified otherwise in the relevant Course Handbook.
Except where a course includes an integrative/reflective class that will draw on work in other classes, each item of work may only be assessed in one class.

The Board of Examiners may exceptionally permit alternative forms of assessment or re-assessment for a taught class where they consider it to be in a student's interest.

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

The examination of a dissertation shall normally be undertaken by an Examining Committee comprising no fewer than one Internal and one External Examiner nominated by the Head of Department, endorsed by the relevant Board of Study and appointed by the Senate.

20.4.21 Candidates are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and the Examining Committee in the dissertation or report or design or project.

20.4.22 A student who is deemed to have failed a taught class or who has been debarred in terms of Regulation 20.4.16 shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department(s) offering the class may decide. The nature of re-assessment shall be identified in class descriptors and/or Course Handbooks. The attempt shall normally be made at the next available diet of examinations.

20.4.23 In the case of re-assessment, the Board of Examiners may also require the student to re-attend the class.

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

20.4.25 Notwithstanding the provisions of Regulation 20.4.22, a candidate will be permitted to revise and re-submit their dissertation or report or design or project, in whole or in part, where there are medical, personal or other circumstances which have adversely affected their performance. In these circumstances, permission may be granted by the Board of Examiners concerned, subject to a report of any cases to the relevant Board of Study.

Award of Credits

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

Progress of Students

20.4.27 At all stages of the course, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

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

20.4.29 The Board of Examiners shall report to the relevant Board of Study which, acting on behalf of the Senate, shall ratify one of the following decisions:

- (i) award of the appropriate degree;
- (ii) withhold the award of the degree or other qualification pending further study or submission/resubmission of assignments, dissertation or report or design or project;
- (iii) transfer the student's registration;
- (iv) require the student to withdraw.

Suspension, Transfer of Registration or Withdrawal

- 20.4.30 On the recommendation of the Head of Department (or nominee), the relevant Vice Dean may permit a student to either undertake voluntary suspension for whole or part of an academic year or transfer between full-time and part-time study where available or transfer to a related postgraduate course by instruction where available.
- 20.4.31 Where a student has failed to satisfy the Board of Examiners, the relevant Board of Study, acting on behalf of the Senate and in accordance with the recommendation of the Board of Examiners, may
- (i) place the student in suspension; or
 - (ii) offer the student the opportunity to transfer to a related Postgraduate Diploma or Postgraduate Certificate course by instruction (as appropriate), subject to a related course being available; or
 - (iii) require the student to withdraw.
- 20.4.32 Notwithstanding Regulation 20.4.29, a student who is reported to the relevant Board of Study under Regulation 20.4.16 for persistent non-attendance at classes, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the course.
- 20.4.33 A student may be required to withdraw from a course as a consequence of academic dishonesty or unprofessional conduct. Such a decision would be taken in consequence of a disciplinary hearing as provided for in Regulations 5.4 and 5.5.

Appeals against Suspension, Transfer of Registration or Withdrawal

- 20.4.34 A student who has received an adverse decision in terms of Regulation 20.4.31 or 20.4.32 may appeal to the relevant Board of Study for reconsideration of the case.
- 20.4.35 The grounds for appeals under Regulation 20.4.34 may be any of the following:
- (i) that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the examiners or the Board of Study would have reached the same conclusion if the alleged error had not been made); or
 - (ii) notwithstanding the student's obligations under Regulation 20.4.17, that there were medical, personal or other circumstances affecting the student's performance of which the examiners or the Board of Study were not aware when their decision was taken; or
 - (iii) that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners or assessors.
- Such an appeal shall be lodged in writing with the relevant Faculty Officer no later than a date specified by the Board of Study and notified in the letter informing the student of the transfer of registration or suspension or requirement to withdraw. The appeal shall be supported by appropriate documentary evidence not previously available.
- 20.4.36 After an unsuccessful appeal to the relevant Board of Study, a student has the ultimate right of appeal to the Senate. Such an appeal shall be lodged in writing supported by all appropriate documentary evidence and shall be lodged with the Deputy Secretary within a period of six weeks from the date of notification to the student of the outcome of the preceding appeal to the

Board of Study. The student will have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Award

20.4.37 In order to qualify for a University of Strathclyde award, a student who has been granted exemption from part of a University of Strathclyde course through Credit Transfer or RPL (in accord with Regulation 20.4.3) must gain from the University of Strathclyde course curriculum a minimum of one-third of the credits required for that award.

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

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

20.6.19

At the request of the author of the thesis or the supervisor and notwithstanding Regulations 20.1 – 20.5, a moratorium may be imposed by the appropriate Head of Department preventing the consultation, loan and reproduction of the thesis and any supplementary material for a maximum period of two years from the date of the award in respect of which the thesis was submitted. In exceptional circumstances, the period of moratorium may subsequently be extended for a further maximum period of up to three years by the Quality Assurance Committee.

20.7 Institutions in Special Relationship with the University

[Note: The Regulations for Higher Degrees refer in a number of places to institutions in special relationship with the University. The Senate has adopted the following definition of this term.]

20.7.1 A research institution or industrial organisation may be accepted as being in special relationship with the University where the Senate is satisfied that it has outstanding research potentiality and where there would be substantial material benefit in the relationship.

20.7.2 It is an essential prerequisite that the institution seeking special relationship shall have on its staff Visiting Professors of the University.

20.7.3 The status of special relationship will be conferred by the Senate and the Court acting jointly.

20.8
to 20.14 (Numbers not used)

20.15 Department of Mathematics and Statistics

Mathematical Sciences

MRes in Mathematical Sciences

Course Regulations

[These regulations are to be read in conjunction with Regulations 20.4]

Admission

20.15.1 Regulation 20.4.1 shall apply subject to the following requirements. Applicants shall possess

- (i) a first or second class Honours degree from a United Kingdom university (in Mathematics or a closely related subject); or
- (ii) a qualification deemed by the Course Director acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

20.15.2 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:

Compulsory Class	Level	Credits
MM 551 MRes Research Project	5	120

Optional Classes*

No fewer than 60 credits chosen from

MM 552 Applied Analysis and PDEs 1	5	15
MM 553 Applied Analysis and PDEs 2	5	15
MM 554 Applied Mathematics Methods 1	5	15
MM 555 Applied Mathematics Methods 2	5	15
MM 556 Mathematical Models 1	5	15
MM 557 Mathematical Models 2	5	15
MM 558 Pure Analysis 1	5	15
MM 559 Pure Analysis 2	5	15
MM 560 Statistics 1	5	15
MM 561 Statistics 2	5	15
MM 562 Probability 1	5	15
MM 563 Probability 2	5	15

* Such other Level 5 classes chosen from Regulations 16.15.8 as may be approved by the Course Director.

Examination, Progress and Final Assessment

20.15.5 Regulations 20.4.21 and 20.4.27 shall apply.

20.15.6 The final assessment will be based on performance in the written examinations, the coursework, the Research Skills Training, Project and, if required, in an oral examination.

Award

20.15.7 **Degree of MRes:** In order to qualify for the degree of MRes, a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project.

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

MRes in Physics (in specific research area)

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.17.1 Regulation 20.4.1 shall apply subject to the following requirements. Applicants shall possess

- (i) a first or second class Honours degree from a United Kingdom university (in Physics or a closely related subject); or
- (ii) a qualification deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above.

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

Duration of Study

20.17.2 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 that relates to the research interests of the Department.

All students shall undertake a curriculum based on the accumulation of no fewer than 180 credits, to be derived from the following compulsory and optional classes.

Compulsory Classes		Level	Credits
PH 950	Research Skills	5	20
PH 970	Project	5	120

Optional Classes

All students shall take classes amounting to 40 credits chosen from Regulations 12.17.11 and 19.17.54

Examination, Progress and Final Assessment

20.17.5 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Project.

20.17.6 The final assessment will be based on performance in the examinations, coursework, 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 120 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.

20.18 **Applications of Next Generation Accelerators**

PhD in Applications of Next Generation Accelerators

[These regulations are to be read in conjunction with Regulation 20 and 20.1]

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

Admission

20.18.1 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.18.2 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

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

Place of Study

20.18.4 Students will spend approximately 90% of their time undertaking a well-defined research project and 10 % of their time undertaking a placement in either an industrial or clinical environment.

Curriculum

20.18.5 All students shall undertake research projects together with the following:

First Year

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

Compulsory Classes		Level	Credits
PH 9xa	Group Project	5	30
PH 9xb	Individual Project	5	30
PH 9xc	Accelerators	5	5

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.
- 20.18.14 **Degree of MPhil:** In order to qualify for the award of the degree of MPhil in Applications of Next Generation Accelerators, a candidate must have performed to the satisfaction of the Board of Examiners and must have:
- (i) accumulated at least 195 credits from the course curriculum
 - (ii) submitted a suitable thesis and if necessary, performed satisfactorily in an oral examination.

Transfer

- 20.18.15 A student who does not perform at the appropriate standard defined by the Centre for Doctoral Training Management Executive Committee will be transferred to either the MSc, Postgraduate Diploma or Postgraduate Certificate in Applications of Next Generation Accelerators.

- 20.18.16 to
20.21 (Numbers not used)

MP 966	Pharmacology Project and Thesis	5	120
List B			
MP 941	Advanced Techniques in Biochemistry	5	10
MP 942	Advanced Techniques in Biomedical Research	5	10
MP 944	Advanced Techniques in Immunology	5	10
MP 968	Advanced Techniques in In Vivo Biology	5	10
MP 945	Advanced Techniques in Microbiology	5	10
MP 946	Advanced Techniques in Molecular Biology	5	10
MP 947	Advanced Techniques in Pharmacology	5	10
MP 977	Advanced Techniques in Toxicological Analysis	5	10
List C			
MP 951	Advanced Topics in Biochemistry	5	10
MP 953	Advanced Topics in Immunology	5	10
BM 901	Advanced Applications of In vivo Research	5	10
MP 954	Advanced Topics in Microbiology	5	10
BM 902	Advanced Topics in Neuroscience	5	10
MP 955	Advanced Topics in Molecular Biology	5	10
MP 956	Advanced Topics in Parasitology	5	10
MP 957	Advanced Topics in Pharmacology	5	10
MP 976	Advanced Topics in Toxicology	5	10

To qualify for the award of the degree of MRes the student must normally undertake the following classes:

<i>Biochemistry:</i>	MP941, MP951 and MP961
<i>Immunology:</i>	MP944, MP953 and MP962
<i>In vivo Sciences</i>	BM 915, MP 968, BM 901
<i>Microbiology:</i>	MP945, MP954 and MP963
<i>Molecular Biology:</i>	MP946, MP955 and MP964
<i>Neuroscience:</i>	BM916, BM902 and an appropriate techniques class from option list B
<i>Parasitology:</i>	MP956, MP965 and an appropriate techniques class from option list B
<i>Pharmacology:</i>	MP947, MP957 and MP966

Examination, Progress and Final Assessment

- 20.22.5 Candidates are required to perform to the satisfaction of the examiners in the course work and in the Project and Thesis.
- 20.22.6 The final assessment will be based on performance in the written examinations, the coursework, the Project and Thesis and, if required, in an oral examination.

Award

- 20.22.7 **Degree of MRes:** In order to qualify for the degree of MRes, a candidate must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Project and Thesis.

Transfer

- 20.22.8 A candidate who fails to satisfy the progress or award requirements for the degree of MRes may be transferred to the Postgraduate Certificate in Biomedical Sciences provided the appropriate progress regulations are satisfied.

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:

Compulsory Classes		Level	Credits
MP 931	Generic Biomedical and Pharmaceutical Research Skills	5	20
Z1 931	Entrepreneurship, Innovation and Commercialisation	5	10

Optional Classes*

No fewer than 150 credits including 120 from List A and at least 10 from each of Lists B and C.

List A

MP 903	Drug Delivery Project and Thesis	5	120
MP982	Drug Discovery Project and Thesis	5	120
MP 967	Pharmaceutical Materials and Formulation Project and Thesis	5	120
MP 935	Toxicology Project and Thesis	5	120

List B

MP 943	Advanced Techniques in Drug Delivery	5	10
MP979	Advanced Techniques in Drug Discovery	5	10
MP 948	Advanced Techniques in Pharmaceutical Materials and Formulation	5	10
MP977	Advanced Techniques in Toxicological Analysis	5	10
MP 968	Advanced Techniques in In vivo Research	5	10
List C			
MP 952	Advanced Topics in Drug Delivery	5	10
MP978	Advanced Topics in Drug Discovery	5	10
MP 955	Advanced Topics in Molecular Biology	5	10
MP 957	Advanced Topics in Pharmacology	5	10
MP 958	Advanced Topics in Pharmaceutical Materials and Formulation	5	10
MP976	Advanced Topics in Toxicology	5	10

To qualify for the award of the degree of MRes the student must normally undertake the following combination of classes:

Drug Delivery Systems: MP903, MP943 and 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:

Classes		Level	Credits
MP 922	Research Project	5	120
MP 923	Clinical Induction	5	20
MP 924	Clinical Assignment 1	5	20
MP 925	Health Service Skills	5	20

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

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

Examination, Progress and Final Assessment

20.22.23 Candidates are required to pass written examinations and to perform to the satisfaction of the examiners in the course work and in the Research Project.

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

Award

20.22.25 **Degree of MRes:** In order to qualify for the degree of MRes in Clinical Pharmacy a candidate must have performed to the satisfaction of the

Examiners and must have accumulated no fewer than 180 credits, of which 140 must have been awarded in respect of *MP 925 Health Service Skills* and *MP 922 Research Project*.

Transfer

20.22.26 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Clinical Pharmacy may be transferred to the Postgraduate Certificate in Clinical Pharmacy.

20.22.27
to 20.22.30 (Numbers not used)

Pharmacy

Doctor of Pharmacy

Course Regulations

[These regulations are to be read in conjunction with Regulation 20 and 20.2]

Admission

20.22.31 Regulation 20.2.1 shall apply. In addition, applicants are required to be registered as practising pharmacists in the UK, EU (including EEA countries) or from countries outside the EU recognised by Senate as meeting the current entry requirements of the MSc/MRes in Clinical Pharmacy.

Credit Transfer and RPL

20.22.32 Notwithstanding Regulation 20.2.4, the Board of Study may grant exemption of up to twelve months of full-time study and an equivalent time in part-time study on the basis of professional experience and performance on an appropriate postgraduate Masters course.

Mode of Study

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

Place of Study

20.22.34 The doctoral research project may take place within Strathclyde or at the place of employment approved by the Board of Study.

Curriculum

First Year

20.22.35 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
MP 932	Clinical Skills	5	60
MP 933	Research Skills	5	60
MP 934	Literature Review	5	60

Second, Third and Fourth Years

20.22.36 All students shall undertake a doctoral research project.

Examination, Progress and Final Assessment

- 20.22.37 Candidates are required to pass classes and to perform to the satisfaction of the Board of Examiners in the taught component of the course.
- 20.22.38 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year. The Board of Examiners will determine whether the resit should take the form of an examination or an assignment.
- 20.22.39 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project. In addition, a candidate must perform satisfactorily before an Examining Committee in an oral examination based on a piece of original research submitted to the University of Strathclyde as specified in Regulation 20.2.10

Award

- 20.22.40 **Degree of DPharm:** In order to qualify for the award of the degree of Doctor of Pharmacy, a candidate must have performed to the satisfaction of the Examining Committee and must have accumulated no fewer than 180 credits from the first year of study.

Transfer

- 20.22.41 A candidate who fails to satisfy the requirements for the award of the DPharm may be transferred to the MRes in Clinical Pharmacy.

- 20.23
to 20.39 (Numbers not used)

Faculties of Science and Engineering: Joint Courses

Photonics

Doctor of Engineering in Applied 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:		Level	Credits
CL 931	Research Protocols for Science and Engineering	5	10
EF 925	Research Project	5	120
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

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)

Nuclear Engineering

Doctor of Engineering (EngD) in Nuclear Engineering

[These regulations are to be read in conjunction with Regulations 20 and 20.1]

This degree is part of a collaborative EPSRC research initiative comprising the University of Strathclyde, Imperial College, the University of Bristol, the University of Leeds and the University of Sheffield. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University.

Admission

20.40.26 Regulations 20.1.1 and 20.1.2 shall apply.

Duration of Study

20.40.27 Regulations 20.1.5 and 20.1.6 shall apply.

Mode of Study

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

Place of Study

20.40.29 Students will spend approximately 75% of their time undertaking a well-defined research project or portfolio of projects in collaboration with an industrial partner. The research will run continuously throughout the duration of the course and will be undertaken mainly in the industrial partners' premises.

Students may also be required to attend the University of Manchester to undertake classes delivered in a "short course" format from the portfolio of MSc/MBA courses offered by the Manchester Business School, and by the Nuclear Technology Education Consortium (NTEC) MSc in Nuclear Science and Technology.

Curriculum

20.40.30 All students shall undertake research project(s) together with the following:

Compulsory Class	Level	Credits
EE 953 External Study 1 (Management)	5	15

(The class *EE 953 External Study 1* comprises the University of Manchester's Professional Development Programme, accredited by the Institution of Mechanical Engineers and the Institution of Electrical Technology as an approved Monitored Professional Development Scheme.)

First Year

20.40.31 All students shall undertake an approved curriculum as follows:

Compulsory Classes

4 classes chosen from the curriculum of the Manchester University Diploma in Management. (See regulation 20.46.9)

together with Technical Classes as follows:

Either

EE 954 External Study 2 (Management)*	5	30
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or

No fewer than 30 credits chosen, with the permission of the student's Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

*The class *EE 954 External Study 2* comprises 2 classes chosen from the list in Regulation 20.46.10.

Second Year

20.40.32 All students shall undertake an approved curriculum as follows:

Compulsory Classes

4 classes chosen from the list in Regulation 20.46.9

together with Technical Classes as follows:

Either

EE 955 External Study 3*	5	15
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or

No fewer than 20 credits chosen, with the permission of the student's Academic Supervisor, from the portfolio of MSc classes offered by the Department of Electronic and Electrical Engineering and listed in Regulation 19.46.

* The class *EE 955 External Study 3* comprises 1 class chosen from the list in Regulation 20.46.10.

Third and Fourth Years

20.40.33 All students shall undertake a doctoral research project.

Management Classes offered by the University of Manchester

20.40.34 The following classes will be undertaken from the University of Manchester Diploma in Management. Full details are available from the University of Manchester:

Project Management
Managerial Economics
Individuals, Groups and Organisations
Industrial Relations
Marketing Management
Total Quality Management
Management Accounting
Production Systems

Technical Classes offered by the Nuclear Technology Education Consortium

20.40.35 The following technical classes are available from the Nuclear Technology Education Consortium MSc in Nuclear Science and Technology. Full details are available from the University of Manchester.

Criticality Safety Management
Decommissioning Technology and Robotics
Decommissioning/Waste/Environmental Management
Design of Safety Critical Systems
Environmental Decision Making Applied to the Nuclear Industry
Environmental Impact Assessment
Geotechnical Aspects of Radioactive Waste Disposal
Management of the Decommissioning Process
Nuclear Fuel Cycle
Particle and Colloid Engineering in the Nuclear Industry
Policy, Regulation and Licensing
Processing, Storage and Disposal of Nuclear Waste
Public and Political Aspects of Nuclear Decommissioning
Radiation and Radiological Protection
Reactor Materials and Lifetime Behaviour
Reactor Physics, Criticality and Design
Reactor Thermal Hydraulics
Risk Management
Water Reactor Performance and Safety

Progress

20.40.36 In order to proceed to the second year of the course, a student must normally have accumulated 30 credits from the technical classes in the course curriculum, passed four classes from the Manchester University Diploma in Management Science and satisfied the research topic supervisory team that satisfactory progress is being made on the research project(s).

20.40.37 In order to proceed to the third year of the course, a student must normally have accumulated at least 45 credits from the technical classes in the course curriculum and obtained the Diploma in Management Science from the University of Manchester Business School. A student must also satisfy the research topic supervisory team that satisfactory progress is being made on the research project(s).

20.40.38 In order to proceed to the fourth year of the course, a student must satisfy the research topic supervisory team that satisfactory progress is being made on the research project(s).

Award

20.40.39 **Degree of EngD:** In order to qualify for the award of the degree of EngD in Nuclear Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have:

- (i) accumulated at least 45 credits from the technical classes and 15 credits from *EE 953 External Study 1* in the course curriculum;
- (ii) successfully completed the Diploma in Management Science from University of Manchester Business School;
- (iii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;
- (iv) performed satisfactorily in an oral examination.

20.40.40 to
20.40.99 (Numbers not used)

20.40.120 **Sensors and Imaging Systems**

Doctor of Engineering in Sensors and Imaging Systems

This course is offered jointly by the University of Strathclyde, the University of Edinburgh, the University of Glasgow and Heriot-Watt University. The awards are made in the name of one of these four Universities. The Regulations are drawn up consequent upon a Memorandum of Agreement for joint delivery of the degree which has been approved by Senate.

The taught component of the programmes may be delivered at University campuses or at independent work sites but all classes are taught by staff from the four Universities. Students shall be subject to the Course Regulations that have been adopted by all four Universities and to any other General Regulations, etc., of the University at which they are registered.

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

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:

Compulsory Classes		Level	Credits
22 563	Ecology, Sustainability and the Built Environment	4	10
AB 930	Construction Project Management	5	10
EF xxx	Sustainability	5	10
CL 931	Research Protocols in Science and Engineering	5	10
AB 972	Research Project	5	120

Optional Classes

No fewer than 20 credits chosen from Level 5 classes offered within the Faculty of Engineering, as approved by the Course Director.

CL 955	Environmental Management Systems	5	10
CL 956	Environmental Business Strategy	5	10
EF 931	Project Management	5	10
EF 932	Risk Management	5	10
EF 933	Design Management	5	10
EV 939	Environmental Impact Assessment	5	10

Examination, Progress and Final Assessment

- 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

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:

Compulsory Classes		Level	Credits
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
	MRes Project	5	120

Either

BE911	Engineering Science	5	20
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or

BE915	Medical Science for Engineering	5	20
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dependent on the academic background of the student and chosen after consultation with the Course Director.

Optional Classes

No fewer than 20 credits chosen from:

BE916	Introduction to Biomechanics	5	10
BE902	Prosthetics and Orthotics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10
BE900	Tissue Mechanics	5	10
BE909	Biomedical Electronics	5	10
Be904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE906	Biomaterials and biocompatibility	5	10
BE903	Cardiovascular Devices	5	10
BE908	Biomedical Instrumentation	5	10

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:

Compulsory Classes		Level	Credits
59 906	Introductory Pharmacology	5	20
BE915	Medical Science for Engineering	5	20
BE910	EngD/MSc Medical Devices Project	5	20
BE918	Professional Studies in Biomedical Engineering	5	10
BE919	Research Methodology	5	10
BE909	Biomedical Electronics	5	10
BE908	Biomedical Instrumentation	5	10
MP 942	Advanced Techniques in Biomedical Research	5	10
BM 919	Medical Genomics	5	10

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	Level	Credits
	65 951 Research Methodology in Healthcare	5	18
	65956 Project	5	120
	<i>and either</i>		
	65 949 Case Studies in Medical Technology	5	18
	<i>or</i>		
	65 950 Elements of Medical Science	5	18

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

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.

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

Award

20.42.46 **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

20.42.47 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Medical Technology may be transferred to the Postgraduate Certificate in Medical Technology provided the appropriate progress regulations are satisfied.

20.43 (Number not used)

20.44 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:

Compulsory Classes		Level	Credits
CL 954	Contaminated Land	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 907	MRes Dissertation	5	120
CL 931	Research Protocols for Science & Engineering	5	10
CL 935	Hydrogeology	5	10

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

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:

Compulsory Classes		Level	Credits
CL 970	Environmental Pollution Management	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 931	Research Protocols for Science & Engineering	5	10
CL 975	Environmental Chemistry	5	10
CL 907	MRes Dissertation	5	120

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 Environmental 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

- 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
20.44.17 **Degree of MRes:** In order to qualify for the award of the degree of MRes in Integrated Pollution Prevention and Control, a candidate must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Dissertation.

Transfer
20.44.18 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Integrated Pollution Prevention and Control may be transferred to the Postgraduate Certificate in Integrated Pollution Prevention and Control provided the appropriate progress regulations are satisfied.

20.44.19
to 20.44.20 (Numbers not used)

Climate Change Adaptation

MRes in Climate Change Adaptation

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission
20.44.21 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
20.44.22 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
20.44.23 The course is available by full-time and part-time study.

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

Compulsory Classes		Level	Credits
CL 971	Air Pollution, Climate Change & Human Health	5	10
CL 907	MRes Dissertation	5	120

CL 931	Research Protocols for Science & Engineering	5	10
CL 974	Sustainable Transformation & Accountability	5	10
EV 939	Environmental Impact Assessment	5	10

Optional Classes

No fewer than 20 credits chosen from

CL 954	Contaminated Land	5	10
CL 904	Waste Management and Landfill Design	5	10
CL 906	Site Investigation and Risk Assessment	5	10
CL 961	Geographical Information Systems (GIS)	5	10
CL 958	Recent Trends in Technological Progress	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 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.

20.45 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.

Compulsory Classes	Level	Credits
56 961 Compulsory Core 1: Introduction to Systems*	5	40
56 962 Compulsory Core 2: Advanced Systems**	5	50
56 963 Dissertation	5	60

* delivered at Loughborough University

** delivered at the University of Bath

Optional Classes

No fewer than 30 credits chosen from:

56 901 Logistics	5	12
56 904 Manufacturing Systems	5	12
56 906 CAED Systems	5	12
56 911 Systems Integration	5	12
56 931 Knowledge Engineering and Management for Engineers	5	12
56 941 Modelling of Manufacturing and Business Systems	5	12

56 942	Management of Total Quality and Continuous Improvement	5	12
56 944	People, Organisations & Technology	5	12
56 945	Strategic Technology Management	5	12
56 946	E-Business and Supply Chain Management	5	12
EF 901	Design Management	5	12
EF 903	Ecological and Environmental Impact	5	12
EF 908	Information Management	5	12
EF 909	Finance	5	12
EF 910	Risk Management	5	12

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

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.

20.45.12

- 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		Level	Credits
DM 920	Strategic Technology Management	5	10
DM 932	Postgraduate Individual Project	5	60
DM 942	Manufacturing Automation	5	10
DM 946	Micro- and Nano-Manufacturing	5	10
DM 947	Advanced Forming Technology and Systems	5	10
DM 948	Advanced Material and Production Technology	5	10
65 905	Research Methodology	5	10

Optional Classes

No fewer than 60 credits chosen from:

DM 924	Product Design Techniques	5	20
DM 925	Systems Integration	5	10
DM 927	Strategic Supply Chain Management	5	10
DM 929	CAED Systems	5	10
DM 941	Fundamentals of Lean Six Sigma	5	10
DM 943	Sustainable Product Design and Manufacturing	5	10
DM 945	Systems Thinking and Modelling	5	10
DM 949	Design of Experiments for Process Optimisation	5	10
EF 930	Information Management	5	10
EF 931	Project Management	5	10

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

Second, Third and Fourth Years

20.45.24 All students shall undertake a Doctoral Research Project. Research projects are allocated to students from an approved list at the start of the programme and the normal supervisory and progression requirements for doctoral awards apply (see Regulation 20.1).

Examination, Progress and Final Assessment

- 20.45.25 Candidates are required to perform to the satisfaction of the Board of Examiners in the taught component of the course. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in Regulation 20.1.
- 20.45.26 Candidates will normally be expected to attain 180 credits before being permitted to commence work on a doctoral research project.
- 20.45.27 Candidates who fail to satisfy the Board of Examiners in any taught class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Award

- 20.45.28 **Degree of EngD:** In order to qualify for the award of the degree of EngD in Advanced Manufacturing; Forging and Forming, a candidate must have performed to the satisfaction of the Board of Examiners and must have
- (i) accumulated no fewer than 180 credits from the course curriculum
 - (ii) submitted a piece of satisfactory original research in the form of a portfolio as specified in Regulation 20.1;
 - (iii) performed satisfactorily in an oral examination.

Transfer

- 20.45.29 A candidate who fails to satisfy the progress and award requirements for the award of the EngD may be transferred to the MSc Advanced Manufacturing: Forging and Forming, Postgraduate Diploma or Postgraduate Certificate in Advanced Manufacturing.

20.46 Department of Electronic and Electrical Engineering

Wind Energy Systems

MRes in Wind Energy Systems

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

- 20.46.21 Notwithstanding Regulation 20.4.1, applicants shall possess
- (i) a first class Honours degree from a United Kingdom university (in Engineering, a Physical Science or closely related subject); or
 - (ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.
- In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of competence in the English language.

Duration of Study

- 20.46.22 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

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

Curriculum

- 20.46.24 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
EE 964	Research Skills 1	5	10
EE 965	MRes Dissertation	5	90

Optional Classes

No fewer than 80 credits chosen from:

BF 981	Socio-Economics of Energy Systems	5	10
EE 958	Wind Turbine Technology 1	5	10
EE 959	Wind Turbine Technology 2	5	10
EE 960	Wind Turbine Control	5	10
EE 961	Wind Turbine Power Conversion	5	10
EE 962	Power Systems and Wind Integration 1	5	10
EE 963	Power Systems and Wind Integration 2	5	10
NM 964	Business Skills	5	10
NM 999	Mechanical Systems and Turbine Design	5	10

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

Examination, Progress and Final Assessment

- 20.46.25 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation.

20.46.26 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

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

Award

20.46.28 **Degree of MRes:** In order to qualify for the award of the degree of MRes in Wind Energy Systems, a candidate must have accumulated no fewer than 180 credits, of which 90 must have been awarded in respect of the Dissertation.

Transfer

20.46.29 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Wind Energy Systems may be transferred to the Postgraduate Certificate in Wind Energy Systems provided the appropriate progress regulations are satisfied. A candidate who satisfies the Board of Examiners in the taught components of the course may be eligible for transfer to a PhD to undertake research in the area of Wind Energy Systems.

20.46.30 to
20.46.60

(Numbers not used.)

Future Power Networks and Smart Grids

MRes in Future Power Networks and Smart Grids

Postgraduate Certificate in Future Power Networks and Smart Grids

Course Regulations

[These regulations are to be read in conjunction with Regulations 20 and 20.4]

Admission

20.46.61 Notwithstanding Regulation 20.4.1, applicants shall possess

- (i) a first class Honours degree from a United Kingdom university (in Engineering, a Physical Science or closely related subject); or
- (ii) a qualification deemed by the Head of Department acting on behalf of the Senate to be equivalent to (i) above.

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

Duration of Study

20.46.62 Regulation 20.4.5 and 20.4.6 shall apply.

Mode of Study

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

Curriculum

20.46.64 All students shall undertake an approved curriculum as follows:

Compulsory Classes		Level	Credits
EE 800	MRes Dissertation	5	100
EE 801	Future Power Networks and the Smart Grid Paradigm	5	10
EE 802	Control and Protection of Future Networks	5	10
EE 803	Power Electronics for Transmission and Distribution Networks	5	10
EE 805	Communications for Power Networks	5	10
EE 962	Power Systems and Wind Integration 1	5	10

Optional Classes

No fewer than 30 credits chosen from

EE 804	Role of Demand and Customers in Smart Grid Operation	5	10
EE 806	Offshore and Pan European Supergrids	5	10
EE 807	Managing Risk and Uncertainty in Grid Operation	5	10
EE 808	Asset Management and Condition Monitoring	5	10
EE 812	Cyber Security and Data Privacy	5	10

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

Examination, Progress and Final Assessment

20.46.65 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework, and the Dissertation EE800.

20.46.66 Candidates will normally be expected to perform to the satisfaction of the Board of Examiners on the taught component of the course before being permitted to proceed to the Dissertation.

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

Award

20.46.68 **Degree of MRes:** In order to qualify for the award of the degree of MRes in Future Power Networks and Smart Grids, a candidate must have accumulated no fewer than 180 credits, of which 100 must have been awarded in respect of the Dissertation.

20.46.69 **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Future Power Networks and Smart Grids, a candidate must have accumulated no fewer than 60 credits from the taught classes of the course curriculum.

Transfer

20.46.70 A candidate who fails to satisfy the progress or award requirements for the degree of MRes in Future Power Networks and Smart Grids may be transferred to the Postgraduate Certificate in Future Power Networks and Smart Grids provided the appropriate progress regulations are satisfied. A candidate who satisfies the Board of Examiners in the taught components of the course may be eligible for transfer to a PhD to undertake research in the area of Future Power Networks and Smart Grids.

20.71
to 20.79 (Numbers not used.)

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
to 20.80.19 (Numbers not used)

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		Level	Credits
Xx xxx	Dissertation	5	120
and either			
xx xxx	Advanced Quantitative Methods: Survey and Design	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:

BF 977	Special Topics 1	5	20
BF 978	Special Topics 2	5	20
BF 979	Special Topics 3	5	20
BF 996	Writing and Presenting Research	5	10
BF 997	Interdisciplinary Collaborative Research	5	10
MS 502	Basic Reliability Theory and Techniques	5	5
MS 503	Advanced System Reliability Modelling	5	5
MS 507	Modelling within Reliability and Maintainability	5	10
MS 927	Risk Analysis and Management	5	10
MS 962	Foundations of Risk	5	10
MS 963	Risk Governance	5	10
Z1 937	Entrepreneurship Research	5	10

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

MS 502	Basic Reliability Theory and Techniques	5	5
MS 503	Advanced System Reliability Modelling	5	5
MS 507	Modelling within Reliability and Maintainability	5	10
MS 927	Risk Analysis and Management	5	10
MS 962	Foundations of Risk	5	10
MS 963	Risk Governance	5	10

Optional Classes

No fewer than 10 credits chosen from

BF 977	Special Topics 1	5	20
BF 995	Advanced Qualitative Methods	5	20
BF 996	Writing and Presenting Research	5	10
BF 997	Interdisciplinary Collaborative Research	5	10
Xx xxx	Entrepreneurship Research	5	10

Such other classes at Level 5 offered by the Business School as may be approved by the Course Organiser.

Examination, Progress and Final Assessment

20.80.24 Candidates are required to pass written examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the dissertation.

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

Award

20.80.26 **Degree of MRes:** In order to qualify for the award of the degree of MRes in Research Methodology in Business and Management a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of 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

20.80.27 A candidate for the degree of MRes who fails to meet the requirements for the award of the degree may be transferred to the Postgraduate Diploma in Research Methodology in Business and Management.

20.81

to 20.119 (Numbers not used)

Faculty of Humanities and Social Sciences

20.120 Faculty Courses

Master of Research (MRes)

In
Counselling
Creative Writing
Education
English
European Public Policy
French
Geography
German
History
Italian
Journalism
Law
Music
Literary Linguistics
Politics
Psychology
Scottish Studies
Social Policy
Social Work
Sociology
Spanish
Speech & Language Therapy
Physical Activity for Health

Course Regulations

[These regulations are to be read in conjunction with Regulations 20.4]

Admission

20.120.1 Regulation 20.4.1 shall apply.

20.120.2 Candidates will be admitted to MRes study in the Faculty of Humanities and Social Sciences

Duration of Study

20.120.3 Regulations 20.4.5 and 20.4.6 will apply.

Mode of Study

20.120.4 The degree is available by full-time and part-time study.

Curriculum

20.120.5 All students will undertake an approved curriculum as follows:

Compulsory Class	Level	Credits
Either		
QQ 907 Dissertation in English	5	160
or		
R1 900 Dissertation in French	5	160

or				
V1 918	Dissertation in History		5	160
or				
R3 900	Dissertation in Italian		5	160
or				
R4 900	Dissertation in Spanish		5	160
or				
QQ 906	Dissertation in Creative Writing		5	160
or				
P3 933	Dissertation in Journalism		5	160

Optional Classes

No fewer than 20 credits 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)

20.122 School of Education

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:

Compulsory Classes		Level	Credits
X7 825	EdD Thesis	5	300
X7 823	Methods of Enquiry in Professional Education	5	60
X7 821	Literature and Scholarship	5	60
X7 822	The Professional Dimension	5	60
X7 824	Synoptic Paper	5	60

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

20.122.11 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 School of Psychological Sciences and Health

Educational Psychology

Doctor of Educational Psychology

Course Regulations

(These regulations are to be read in conjunction with Regulations 20 and 20.2)

Admission

20.132.1 Notwithstanding Regulation 20.2.1, applicants shall possess

either

(i) MSc in Educational Psychology

or

(ii) qualifications and experience deemed by the Head of Department acting on behalf of Senate to be equivalent to (i) above;

and

(iii) shall currently be engaged in work in the field as a practising Educational Psychologist.

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

Duration

20.132.2 The course consists of at least 33 consecutive months study on a full-time basis.

The Board of Study may grant exemption of up to nine months of full-time study on the basis of performance on a two-year MSc in Educational Psychology course recognised by the University for this purpose.

Nature of study

20.132.3 Students undertake a full-time programme of research and fieldwork.

Curriculum

20.132.4 During the first stage of the course, students must complete a portfolio of 3 pieces of small-scale research work carried out in practice.

Students who hold a Masters degree approved by the University will have this requirement waived by the Head of Department (or nominees) in accord with Regulation 20.2.4

20.132.5 During the second stage of the course students must complete the research programme and a reflective self-evaluation report on their professional practice.

Examination, Progress and Final Assessment

20.132.6 To proceed to the second stage of the course consisting of professional practice and the research programme a student must perform satisfactorily in the portfolio.

20.132.7 To proceed to the second stage of the thesis a student must submit both a satisfactory Research Proposal and a satisfactory Part 1 Literature Review.

20.132.8 Before being allowed to proceed to examination of the thesis a student must have received a satisfactory report from the Principal Educational Psychologist.

- 20.132.9 Students who do not satisfy Regulation 20.132.4 or 20.132.5 may be required to withdraw from the course.
- 20.132.10 Regulations 20.2.23 – 20.2.26 shall apply.

Award

- 20.132.11 The award of the degree of Doctor of Educational Psychology will be based on performance in both the Professional Practice elements (self-evaluation report, and the report of the Principal Educational Psychologist) and the thesis.
- 20.132.12 A candidate who has completed the work for the Doctor of Educational Psychology but has failed to satisfy the examiners at doctoral level, may be considered by the Examining Committee for transfer to, and the award of, the Master of Philosophy.
- 20.132.13 to 20.132.20 (Numbers not used)

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

Compulsory Classes		Level	Credits
35 902	Quantitative Methods 1	5	15
35 903	Philosophy of Social Science	5	15
GS 902	Qualitative Methods	5	15

GS 917	Action Research	5	20
GS 918	Social Research Today	5	15
GS 919	Dissertation	5	100

Examination, Progress and Final Assessment

- 20.134.5 Regulations 20.4.18 – 20.4.25 shall apply.
- 20.134.6 Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance against prescribed criteria outlined in the Course Handbook.
- 20.134.7 The final assessment will be based on performance in the examinations, coursework, the dissertation, where undertaken, and, if required, in an oral examination.

Award

- 20.134.8 **Degree of MRes:** In order to qualify for the award of the degree of MRes in Social Research, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 180 credits, of which 100 credits must have been awarded in respect of the dissertation.

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.
- 21 (Number 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.

22.1.12
to 22.2

(Numbers not used)

Faculty of Humanities and Social Sciences

Certificate of Continuing Education in French

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

- 22.2.1 Applicants for admission to the course for the Certificate of Continuing Education in French must normally satisfy the General Entrance Requirement including passes in SCE Higher or GCE A level French. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

- 22.2.2 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

- 22.2.3 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

- 22.2.4 All students shall undertake classes amounting to 120 credits as follows:

R1 109	Introduction to French 1A	1	20
R1 110	Introduction to French 1B	1	20
R1 203	French Language 2A	2	20
R1 204	French Language 2B	2	20
R1 210	Dealing with Difference in France and Francophone World	2	20
R1 305	French Language 3A	3	20

Examinations and Progress

- 22.2.5 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

- 22.2.6 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

- 22.2.7 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.8
to
22.2.10

(Numbers not used)

Certificate of Continuing Education in Italian

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.11 Applicants for admission to the course for the Certificate of Continuing Education in Italian must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.2.12 The course is offered on a part-time basis only, normally over a period of three years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.13 The course will consist of approximately 200 lecture/tutorial hours comprising six classes each of a minimum of 30-36 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory.

Curriculum

22.2.14 All students shall undertake classes amounting to 120 credits as follows:

R3 114	Introduction to Italian 1A	1	20
R3 115	Introduction to Italian 1B	1	20
R3 208	Modern Italy – State, Culture and Society	2	20
R3 209	Italian Language 2A	2	20
R3 210	Italian Language 2B	2	20
R3 394	Italian Language 3A	3	20

Examinations and Progress

22.2.15 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6. The classes Introduction to Italian 1A, 2B and 3A are continuous assessment classes only

22.2.16 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.17 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.18
to
22.2.20 (Numbers not used)

Certificate of Continuing Education in Spanish

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.21 Applicants for admission to the course for the Certificate of Continuing Education in Spanish must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study. Admission is limited to those who are unable to follow a full-time course of study.

Duration of Course

22.2.22 The course is offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of the course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.23 The course will consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.2.24 All students shall undertake classes amounting to 120 credits as follows:

R4 109	Introduction to Spanish 1A	1	20
R4 110	Introduction to Spanish 1B	1	20
R4 200	Independence and Isolation in Spain and Latin America	2	20
R4 206	Spanish Language 2A	2	20
R4 207	Spanish Language 2B	2	20
R4 308	Spanish Language 3A	3	20

Examinations and Progress

22.2.25 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year unless excluded therefrom under the provisions of Regulation 22.1.6.

22.2.26 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.27 In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

22.2.28
to

22.2.30 (Number not used)

Certificate of Applied Language Study in French
Certificate of Applied Language Study in Italian
Certificate of Applied Language Study in Spanish

Course Regulations

[These regulations are to be read in conjunction with Regulation 22.1]

Admission

22.2.31 Applicants for admission to the Certificate of Applied Language Study in French, in Spanish or in Italian must have been accepted onto the Modern Apprenticeship Framework scheme. In special circumstances candidates offering suitable alternative qualifications acceptable to the Board of Study may be considered.

Duration of Course

22.2.32 The courses are offered on a part-time basis only, normally over a period of four years. Subject to the provisions of Regulation 22.1.2, the Board of Study may grant exemption from part of a course to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

22.2.33 The courses consist of approximately 200 lecture/tutorial hours comprising four classes each of a minimum of 48 hours (or equivalent). In addition there will be prescribed work and practical exercises including work in the language laboratory and the tape library.

Curriculum

22.2.34 All students shall undertake a curriculum based on the accumulation of no fewer than 114 credits as follows:

French

		Level	Credits
First Year			
FR 101	French A	1	12
FR 102	French B	1	12
Second Year			
FR 201	French C	2	15
FR 202	French D	2	15
Third Year			
FR 301	French E	3	15
FR 302	French F	3	15
Fourth Year			
FR 303	French G	3	15
FR 304	French H	3	15

Italian

First Year

IT 102	Italian A	1	12
IT 103	Italian B	1	12
Second Year			
IT 201	Italian C	2	15
IT 202	Italian D	2	15
Third Year			
IT 301	Italian E	3	15
IT 302	Italian F	3	15
Fourth Year			
IT 303	Italian G	3	15
IT 304	Italian H	3	15
Spanish			
First Year			
SP 101	Spanish A	1	12
SP 102	Spanish B	1	12
Second Year			
SP 201	Spanish C	2	15
SP 202	Spanish D	2	15
Third Year			
SP 302	Spanish E	3	15
SP 303	Spanish F	3	15
Fourth Year			
SP 304	Spanish G	3	15
SP 305	Spanish H	3	15

Examinations and Progress

22.235 Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the classes taken in that year

22.2.36 In order to proceed to the next year of the course, students must pass all classes for which they are registered by September.

Award

22.2.36 In order to qualify for the award of the Certificate of Applied Language Study in French or in Italian or in Spanish, a candidate must have accumulated no fewer than 114 credits.

22.2.37
to 22.125 (numbers not used)

22.3 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

22.3.1 Applicants will normally be aged 21 years or over.

Mode and Duration of Study

22.3.2 The Open Studies Certificate is offered on a part-time basis only.

22.3.3 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.

Place of Study

22.3.4 See Regulation 11.1.7

Credit Transfer and Recognition of Prior Learning

22.3.5 Regulation 11.1.2, where exemption is granted this shall normally not exceed 10 credits.

22.3.6 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

22.3.7 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

- 22.3.8 See Regulation 11.1.22
- Assessment**
- 22.3.9 See Regulations 11.1.26-11.1.35
- Award of Credits**
- 22.3.10 See Regulation 11.1.39
- Progress of Students**
- 22.3.11 See Regulation 11.1.40
- Suspension and Withdrawal**
- 22.3.12 See Regulations 11.1.44, 11.1.47 – 11.1.49
- Appeals against Suspension and Withdrawal**
- 22.3.13 See Regulations 11.1.52 – 11.1.55.
- Award**
- 22.3.14 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.
- 22.3.15
to 22.3.20 (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

22.3.21 See Regulation 23.1.1

Certificate Structure

22.3.22 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)
Open Studies Certificate (Adult Teaching and Learning)

In the case of Open Studies Certificate (Language Studies), the Certificate may be awarded in a specified language.

Curriculum

22.3.23 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

22.3.24

Applied Arts		Level	Credits
OS 186	Life Drawing in Colour	1	10
OS 284	Taking Acrylics Further 3	2	10
OS 285	Dynamic Drawing with Colour	1	10
OS 287	Taking Watercolours Further 4	2	10
OS 401	Drawing and Painting Stage 1	1	10
OS 402	Drawing and Painting Stage 2	1	10
OS 403	Drawing and Painting 3	1	10
OS 641	Learn to Draw	1	10
OS 642	Learn to Paint	1	10
OS 643	Taking Acrylics Further 1	1	10
OS 644	Taking Acrylics Further 2	1	10
OS 645	Introduction to Portraiture	1	10
OS 646	Taking Portraiture Further	1	10
OS 647	Life Drawing	1	10
OS 648	Taking Life Drawing Further	1	10
OS 649	Taking Watercolours Further 2	1	10
OS 650	Taking Watercolours Further 3	1	10
OS 655	Handbuilt Pottery for Beginners	1	10

OS 656	Digital Photography 1	1	10
OS 657	Digital Photography 2	1	10
OS 658	Taking Watercolours Further 1	1	10
OS 119	Learn to Paint with Acrylics	1	10
OS 120	Learn to Paint with Oils	1	10
OS 125	Learn to Paint with Watercolours	1	10
OS 126	Taking Acrylic Painting Further 4	1	10
OS 127	Watercolour Painting: Portfolio Class	1	10
OS 128	Acrylic Painting: Portfolio Class	1	10
Applied Writing			
OS 282	Taking Creative Writing Further 3	2	10
OS 283	An Introduction to Novel Writing	2	10
OS 616	Creative Writing for Beginners	1	10
OS 617	Taking Creative Writing Further 1	1	10
OS 618	Taking Creative Writing Further 2	1	10
Coaching			
OS 559	Coaching Stage 1	1	10
OS 560	Coaching Stage 2	1	10
OS 561	Coaching Stage 3	1	10
Cultural and Literary Studies			
OS 610	Access to University Study	1	20
OS 611	How to Look at Art	1	10
OS 612	How to Look at Scottish Art: 1740 to the Present	1	10
OS 613	How to Look at Modern Art	1	10
OS 614	Scottish Architecture	1	10
OS 615	Going to the Movies	1	10
OS 619	Philosophical Inquiry for Beginners	1	10
OS 623	Philosophy for Beginners	1	10
OS 624	Psychology for Beginners	1	10
OS 625	Forensic Psychology for Beginners	1	10
OS 910	General Credit	1	10
OS 111	Independent Study 1	1	10
OS 112	Independent Study 2	1	20
Genealogical Studies			
OS 626	Family History Research: An introduction	1	10
OS 627	Genealogy: Beyond the Basics	1	10
OS 628	Family History, the Internet and More	1	10
OS 137	Genetic Genealogy: An Introduction	1	10
Language Studies			
OS 101	Arabic 1	1	10
OS 102	Arabic 2	1	10
OS 103	Arabic 3	1	10
OS 111	Catalan 1	1	10
OS 112	Catalan 2	1	10
OS 121	Dutch 1	1	10
OS 122	Dutch 2	1	10
OS 123	Dutch Stage 3	1	10

<i>either</i>				
OS 035	French 1A	1	10	
<i>and</i>				
OS 036	French 1B	1	10	
<i>or</i>				
OS 132	French 2	1	10	
OS 133	French 3	1	10	
<i>either</i>				
OS 045	German 1A	1	10	
<i>and</i>				
OS 046	German 1B	1	10	
<i>or</i>				
OS 142	German 2	1	10	
OS 143	German 3	1	10	
OS 151	Irish 1	1	10	
OS 152	Irish 2	1	10	
OS 153	Irish 3	1	10	
<i>either</i>				
OS 065	Italian 1A	1	10	
<i>and</i>				
OS 066	Italian 1B	1	10	
<i>or</i>				
OS 162	Italian 2	1	10	
OS 163	Italian 3	1	10	
OS 171	Portuguese 1	1	10	
OS 172	Portuguese 2	1	10	
OS 173	Portuguese Stage 3	1	10	
OS 181	Russian 1	1	10	
OS 182	Russian 2	1	10	
OS 183	Russian 3	1	10	
<i>either</i>				
OS 095	Spanish 1A	1	10	
<i>and</i>				
OS 096	Spanish 1B	1	10	
<i>or</i>				
OS 192	Spanish 2	1	10	
OS 193	Spanish 3	1	10	
OS 201	Basque 1	1	10	
OS 211	Romanian 1	1	10	
OS 221	Gaelic 1	1	10	
OS 222	Gaelic 2	1	10	
OS 223	Gaelic 3	1	10	
OS 231	Japanese 1	1	10	
OS 232	Japanese 2	1	10	
OS 233	Japanese Stage 3	1	10	
OS 241	Polish 1	1	10	
OS 242	Polish 2	1	10	
OS 243	Polish Stage 3	1	10	
OS 251	Chinese (Mandarin) Stage 1	1	10	
OS 252	Chinese (Mandarin) Stage 2	1	10	
OS 253	Chinese (Mandarin) Stage 3	1	10	
OS 261	Cantonese Stage 1	1	10	

OS 271	Spoken Hindi/Urdu Stage 1	1	10
OS 272	Hindi Stage 2	1	10
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

Adult Teaching and Learning

OS 126	Principles of Adult Teaching and Learning	1	10
OS 630	Adult Learning Theory in Practice	1	10
OS 631	Using Technology and Communicating Effectively with Adult Learners	1	10

Progress

22.3.25 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

22.3.26 In order to qualify for the award of the Open Studies Certificate, a student must have accumulated no fewer than 30 credits.

22.3.27

to 22.92 (numbers not used)

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.

Changes and restrictions are made from time to time and the University reserves the right to add, amend or withdraw courses and facilities, to restrict student numbers and to make any other alterations, as it may deem necessary and desirable. Changes are published by incorporation in the next edition of the Course Regulations.

Any queries about the contents of the Course Regulations should be directed to the Education Quality and Policy Manager, Education Enhancement, University of Strathclyde, Glasgow G1 1XQ (Telephone 0141 548 4967).