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|  | General and Programme Regulations for Degrees of Bachelor and Integrated Master 2020-21 |

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[Bachelor of Arts with Honours in Business Management](#203_Business_Management)

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[Bachelor of Arts with Honours in International Business with (Principal Subject)](#204_International_Business)

[Bachelor of Arts in International Business](#204_International_Business)

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**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

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[Master of Science in Pharmacology](#417_MSci_Biomedical_Sciences)

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Undergraduate General Regulations

**General Regulations for degrees of Integrated Masters Degrees, Bachelor with Honours Degrees, Bachelor Degrees and Diplomas of Higher Education and Certificates of Higher Education**

The following awards are conferred by the University by the authority of the Senate under University Ordinances 3

Master in Science (MSci)

Master of Architecture (MArch)

Master of Chemistry (MChem)

Master of Engineering (MEng)

Master of Mathematics (MMath)

Master of Pharmacy (MPharm)

Master of Physics (MPhys)

Bachelor of Arts (BA)

Bachelor of Engineering (BEng)

Bachelor of Laws (LLB)

Bachelor of Science (BSc)

Diploma of Higher Education

Certificate of Higher Education

*Notes:*

*1 Decisions on admission are taken by Course Directors, Vice-Deans or Heads of Department/ School (or their nominee(s)).*

*2 All decisions taken by Academic Administration Committees with delegated authority from the Boards of Study, acting on behalf of the Senate, shall subsequently be reported to the Senate.*

*3 All decisions taken by Boards of Examiners shall subsequently be reported to the relevant Academic Administration Committee which shall receive them on behalf of the Senate.*

*4 Decisions on awards are taken by the Boards of Examiners on behalf of the Senate.*

*5 Where reference is made in Regulations to information in Course Handbooks, that information shall have been approved by the relevant Department/ School.*

*6 The curriculum of every course shall compromise compulsory, optional and/or elective classes. These are defined as follows:*

*‘Compulsory’ refers to classes which must be taken as part of the course curriculum.*

*‘Optional’ refers to classes chosen by a student from a list defined in a course curriculum.*

*‘Elective’ refers to classes freely chosen by a student from classes offered by the University.*

*Optional and Elective classes may be restricted by requirements for defined prerequisites, availability and timetabling constraints (see the Class Catalogue for the detailed list of classes).*

*Where a class has a pre-requisite, this should be clearly stated in the Class Catalogue and in the Course Handbook.*

*7 The course regulations that follow quote SHE Levels. The equivalence of SHE and SCQF Levels is as follows:*

*SHE Level 1: SCQF Level 7*

*SHE Level 2: SCQF Level 8*

*SHE Level 3: SCQF Level 9*

*SHE Level 4: SCQF Level 10*

*SHE Level 5: SCQF Level 11*

*In interpreting these regulations, reference should be made, where appropriate, to Course Handbooks. Regard should also be taken of the Regulations in Part 1 of the University Calendar.*

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

00001.UG General Regulations for the Degree of Integrated Masters, Degree of Bachelor with Honours, Degree of Bachelor, Diploma of Higher Education and Certificate of Higher Education

00001.UG.1.1 Admission

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

**00001.UG.1.2** All students are admitted initially as either potential Integrated Masters or Honours candidates.

00001.UG.1.3 Credit Transfer and Recognition of Prior Learning (RPL)

The relevant Board of Study (or nominee(s)) may admit an applicant and/or approve exemption from part of a course by credit transfer and/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 and/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 course.

Exemption granted on the basis of credit transfer and/or RPL will be allowed primarily where an applicant 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 normally not exceed 60% of the credits appropriate to the course. Exceptionally, by formal resolution, the Senate may approve exemption in special circumstances of up to 80% for Integrated Masters degrees and 75% for Bachelors with Honours degrees.

Where any such exemption is granted, the Board of Study will award the appropriate number of credits and may reduce the minimum and maximum periods of study appropriately.

00001.UG.1.4 Modes of Study

Courses are offered on a full-time and/or part-time basis except where indicated to the contrary in the course regulations.

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.

00001.UG.1.5 Levels of Study

Unless otherwise specified in course regulations, each undergraduate course offers the following qualifications:

Integrated Masters degree

Honours degree

Bachelor degree

Diploma of Higher Education

Certificate of Higher Education

00001.UG.1.6 Periods of Study

Unless otherwise specified the minimum and maximum period of study shall normally be as follows:

*For full-time study (assuming entry at Level 1)*

|  |  |  |
| --- | --- | --- |
| **Award** | **Minimum Period of Study (Years)** | **Maximum Period of Study (Years)** |
| Integrated Masters | 5 | 10 |
| Bachelor with Honours including Complusory External Placement | 5 | 10 |
| Bachelor with Honours | 4 | 8 |
| Bachelor | 3 | 6 |
| Diploma of Higher Education | 2 | 4 |
| Certificate of Higher Education | 1 | 2 |

Where RPL is awarded for advanced entry, the minimum and maximum periods of study will be adjusted as follows: minimum period of study will be reduced by the number of years covered by the RPL award and the maximum period of study will be reduced by twice the number of years covered by the RPL award.

For part-time study, the minimum and maximum periods 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.

Exceptionally, the minimum and maximum periods of study may be extended by the Senate on the recommendation of the relevant Board of Study.

00001.UG.1.7 Place of Study

Except where the Senate has approved distance learning arrangements for off-campus delivery, instructional classes shall normally be undertaken within the University.

A student may undertake part of their study in an approved institution abroad, according to an approved curriculum. Normally only one such study period, to be taken prior to the final year of their course, is permitted.

00001.UG.1.8 Course Structure and Curriculum

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.

**00001.UG.1.9** 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.

**00001.UG.1.10** The award structure of undergraduate courses shall normally follow

|  |  |  |
| --- | --- | --- |
| **Award** | **Credit Requirement** | **Minimum Level Requirement** |
| Certificate of Higher Education | 120 credits | 100 credits at Level 1 |
| Diploma of Higher Education | 240 credits | 100 credits at Level 2 |
| Bachelor Degrees | 360 credits | 60 credits at Level 3 |
| Graduate Diploma | 120 credits | 120 credits at Level 3 and Level 4 |
| Honours Degrees | 480 credits | 90 credits at both Level 3 and Level 4 |
| Integrated Master Degrees | 600 credits | 120 credits at Level 5 |

For the avoidance of doubt, credits at a higher level shall, where necessary, be deemed to satisfy the requirements at a lower level.

*Notes:*

*1 For a typical student, 1 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)*

**00001.UG.1.11** The curriculum of every student must be approved at the start of each academic year or level of study (as appropriate) by the relevant Course Director, or equivalent, acting on behalf of the Board of Study.

**00001.UG.1.12** Each degree course curriculum shall include elective classes amounting to no fewer than 20 credits normally taken prior to the fourth year of full-time study.

**00001.UG.1.13** Notwithstanding the provisions of Regulation 00001.UG.12, a degree course curriculum, may subject to the approval of the Senate, not include electives.

**00001.UG.1.14** A full-time student shall in each year of study, normally, follow a curriculum containing 120 credits including any elective credits.

**00001.UG.1.15** Notwithstanding the provisions of Regulation 00001.UG.14, by formal resolution of the Senate, a course curriculum may exceed 120 credits in any one year.

**00001.UG.1.16** Notwithstanding the provisions of Regulation 00001.UG.14, exceptionally, additional optional classes at an appropriate level may be chosen as part of the curriculum subject to the approval of the Head of Department or School (or nominee) responsible for offering each class. In such cases a student may select up to 40 additional credits. The curriculum (of the student) shall be reported to the Board of Study.

**00001.UG.1.17** Where a full-time student is admitted with advanced standing and is exempted from part of an academic year’s curriculum, additional classes may require to be taken to bring the total credits studied to at least 120 credits.

**00001.UG.1.18** In the first and second years of full-time study, the curriculum will normally comprise six 20 credit classes. By formal resolution of the Senate, up to two 20 credit classes may be replaced by up to four 10 credit classes in any year of any course.

In the third, fourth and fifth years of full-time study, classes in integer multiples of 20 credits may be permitted, subject to approval by the Senate.

**00001.UG.1.19** Notwithstanding the provisions of Regulation 00001.UG.18, a degree course curriculum may, subject to the approval of the Senate, in year 1 and / or year 2 include one 40 credit class.

**00001.UG.1.20** A student studying on a part-time or distance learning basis shall undertake a curriculum typically of 40 – 80 credits in any year of study.

**00001.UG.1.21** The curriculum for a course shall be set out in the course regulations and shall indicate which classes are compulsory or optional. 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.

**00001.UG.1.22** Notwithstanding the provisions of Regulation 00001.UG.11, where unlisted optional classes may be chosen as part of the curriculum, the approval of the Head of Department or School (or nominee) responsible for offering each class is also required.

**00001.UG.1.23** The University cannot guarantee that all optional and/or elective 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.

00001.UG.1.24 Attendance and Performance

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

**00001.UG.1.25** A student has an obligation to inform the Student Business within Student Experience and Enhancement Services at the first reasonable opportunity of any medical or other circumstances which might adversely affect their attendance, performance and/or ability to study.

**00001.UG.1.26** 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 remaining assessments in the subject of that class. A student may be required to withdraw from a course where that student has been reported for persistent non-attendance at classes or has failed to engage with course requirements as outlined in Regulation 00001.UG.1.57. Further information on attendance and performance can be found in the Departmental/ School Handbooks.

**00001.UG.1.27** Notwithstanding Regulation 00001.UG.1.26, a registered student may subsequently be permitted by the Head of Department to take remaining assessments in the subject of the class at the next available opportunity subject to satisfactory completion of appropriate course work.

00001.UG.1.28 Examinations and Assessment

*All Awards*

A student shall 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.

**00001.UG.1.29** 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.

**00001.UG.1.30** For all classes at all Levels there will be a diet of formal assessment at the end of each semester and a re-sit diet. The final classification will be based solely on the student’s first attempt at the assessment.

**00001.UG.1.31** Where a pass in the project or dissertation taken in the final year is specified in the award statement of the degree, a candidate who fails to submit the project or dissertation by the due date may not, normally, be eligible to complete the remainder of the Final Year assessment.

**00001.UG.1.32** The progress of every student shall be determined by the relevant Board of Examiners, although the Board shall defer consideration of progress or award for any student currently involved in disciplinary proceedings.

**00001.UG.1.33** A student who is deemed to have failed in a taught class at Level 1, 2, 3 or 4 and 5 or who has been debarred in terms of Regulation 00001.UG.26 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 to be applied to all students shall be identified in Course Handbooks.

Unless prior authority of the relevant Board of Study has been given, a student who fails to satisfy the Board of Examiners at the first assessment for a class shall undertake re-assessment at the first available opportunity.

**00001.UG.1.34** At the discretion of the relevant Board of Examiners or Course Director, students may be required to attend and participate in an oral examination. Exceptionally, this may be in place of the normal assessment for the relevant class(es). Note that Regulations 00001.UG.1.33 and 00001.UG.1.34 do not permit a borderline candidate to be given an oral examination by an External Examiner.

**00001.UG.1.35** Notwithstanding the provisions of Regulation 00001.UG.1.33, the Board of Examiners may exceptionally permit alternative forms of re-assessment for a class where they consider it to be in a student’s interest.

**00001.UG.1.36** Notwithstanding the provisions of Regulation 00001.UG.1.33, the Board of Examiners may permit a student who satisfies the attendance and performance requirements of a class a maximum of two further attempts at passing the class. The Board of Examiners may additionally require a student to re-attend a class.

**00001.UG.1.37** Notwithstanding the provisions of Regulation 00001.UG.1.33, the relevant Board of Study acting on the recommendation of the Board of Examiners may discount an attempt for a class(es) where appropriate evidence has been provided.

**00001.UG.1.38** Notwithstanding the provisions of Regulations 00001.UG.1.30 and 00001.UG.1.33, a candidate who has taken either the whole or part of the Level 4 or 5 assessment will be permitted to be re-assessed in whole or in part where there are medical, personal or other circumstances which have adversely affected the student’s performance. In these circumstances, permission may be granted by the Board of Examiners concerned.

00001.UG.1.39 Award of Credits

When considering the award of credits, the relevant Board of Examiners will have regard to the requirements of Regulation 1.10.35 concerning examination marks and compensation. For the avoidance of doubt a pass by compensation shall be regarded as a pass.

**00001.UG.1.40** The relevant Board of Examiners shall award credits corresponding to the number of credits for classes passed at all Levels. A mark of 40 % in a Level 1 – 4 class is deemed a clear pass. A mark of 50 % in Level 5 classes is deemed a clear pass.

**00001.UG.1.41** For progressing students the relevant Board of Examiners shall award Merit or Distinction as follows:

1. Merit will be applied where a student has achieved a credit-weighted average of 60% - 69% in their first attempt having passed all examinations either as clear passes or by compensation.
2. Distinction will be applied where a student has achieved a credit weighted average of 70% or more in their first attempt having passed all examinations either as clear passes or by compensation.

00001.UG.1.42 Progress of Students

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 | 100\* |
| Second – Third Year | 220\* |
| Third – Fourth Year | 360+ |
| Fourth – Fifth Year | 480+ |

*\* Or 20 credits less than number specified in the relevant course regulations*

*+ Or the total number of credits specified in the relevant course regulations*

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

**00001.UG.1.43** To progress to the second year of a chosen course a student must have accumulated a minimum of 20 credits fewer than the total number of credits specified by the course curriculum at first year.

**00001.UG.1.44** To progress to the third year of a chosen course a student must have accumulated a minimum of 20 credits fewer than the total number of credits specified by the course curriculum at second year.

**00001.UG.1.45** To progress to the fourth year of a chosen course a student must have accumulated the total number of credits specified by the course curriculum at third year.

**00001.UG.1.46** To progress to the fifth year of a chosen course a student must have accumulated the total number of credits specified by the course curriculum at fourth year.

**00001.UG.1.47** At all stages of the course, a student must achieve an approved standard of performance with regard to level of study and academic attainment as specified in the Course Handbook.

**00001.UG.1.48** Under appropriate circumstances the relevant Board of Study acting on the recommendation of the Board of Examiners may, exceptionally, allow a student to proceed to the next year of their course with fewer credits than specified in Regulation 00001.UG.1.43 – 00001.UG.1.46

**00001.UG.1.49** A student studying on a part-time basis must satisfy the appropriate progress requirements following each period of the equivalent full time credit load. More detailed progress regulations may be specified in individual course regulations.

**00001.UG.1.50** A student studying on a part-time basis shall not normally proceed to the next year of study with more than 20 credits outstanding.

**00001.UG.1.51** A student who meets the criteria for progress from one academic year to another may not necessarily be eligible for an award.

00001.UG.1.52 Transfer of Registration, Suspension and Withdrawal

Where a candidate registered for the Integrated Masters degree, the degree of Bachelor with Honours or degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education has failed to satisfy the relevant Board of Examiners, the Board of Study, in accordance with the recommendation of the Board of Examiners, may

**(i)** require that registration be transferred to a degree of Bachelor with honours or degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education (as appropriate) subject to a related course being available; or

**(ii)** recommend the award of a degree of Bachelor with Honours or degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education (as appropriate); or

**(iii)** suspend a student from attendance at classes but require them to undertake assessments until the required number of credits and necessary passes have been obtained to allow the student to proceed to the next year of the course; or

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

**00001.UG.1.53** Where a candidate registered for the degree of Integrated Masters, Bachelor with Honours, degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education has satisfied the relevant Board of Examiners but requests transfer to a degree of Bachelor with Honours or degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education, the Board of Study, in accordance with the recommendation of the relevant Head of Department or Course Director or Board of Examiners, may

**(i)** permit registration to be transferred to a degree of Bachel with Honours or a degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education (as appropriate) subject to a related course being available; or

**(ii)** recommend the award of a degree of Bachelor with Honours or degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education (as appropriate).

**00001.UG.1.54** On the recommendation of the relevant Course Director (or nominee), the Board of Study may approve transfer of a student’s registration between

**(i)** Certificate of Higher Education;

**(ii)** Diploma of Higher Education;

**(iii)** the degree of Bachelor;

1. the degree of Bachelor with Honours
2. to an Integrated Masters degree

as appropriate, subject to a related course being available.

**00001.UG.1.55** On the recommendation of the relevant Course Director (or nominee), the relevant Vice Dean Academic may permit a student to either undertake voluntary suspension for the whole or part of an academic year or transfer between full-time and part-time study where available.

**00001.UG.1.56** Notwithstanding the provisions of Regulation 00001.UG.1.30, a student who is reported to the relevant Board of Study under Regulation 00001.UG.1.23 or Regulation 5.4.2(iv) 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.

**00001.UG.1.57** Prior to the next scheduled meeting of a Board of Study, the Vice Dean (Academic) of the relevant Faculty may authorise the termination of a student’s registration and require that student to withdraw from their course where that student has been reported for persistent non-attendance at classes or failure to engage with course requirements. Such a termination of a student’s registration may only be undertaken where:

1. A significant and persistent failure to attend or engage with course requirements has been confirmed by the appropriate department or school; and
2. The student has been offered appropriate opportunities to redeem their position, including the offer of support in cases of significant personal difficulties as outlined in section 1.10 and 1.11 of the Personal Circumstances and Academic Appeals Procedure.

The Vice Dean (Academic) will report such a decision to the next Scheduled meeting of a Board of Study.

**00001.UG.1.58** Students subject to immigration control are required to hold appropriate permission to stay in the United Kingdom permitting them to study. Where a student does not hold such permission the student may be refused registration and/or the student’s current registration may be terminated by the Deputy Director (Student Experience).

**00001.UG.1.59** A student may also 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 Regulation 5.

00001.UG.1.60 Classification of Degree

A student entitled to a degree of Integrated Masters may be awarded

a degree;

a degree with merit; or

a degree with distinction.

In reaching their decision, the relevant Board 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 |

**00001.UG.1.61** A student registered for a degree of Integrated Masters who has failed to be placed in one of the classes specified in Regulation 00001.UG.61 may be transferred to the degree of Bachelor with Honours in accordance with Regulation 00001.UG.1.54 and may be granted exemption either in whole or in part from the assessments required for that degree. The exemption will only be granted when, in the opinion of the Board of Examiners, evidence of sufficient attainment has been provided.

**00001.UG.1.62** A student entitled to the degree of Bachelor with Honours will be placed in one of the following classes:

First Class

Second Class (Upper Division)

Second Class (Lower Division)

Third Class

In reaching their decision, the relevant Board 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** |
| First Class | 70 -100 |
| Second Class (Upper Division) | 60 - 69 |
| Second Class (Lower Division) | 50 - 59 |
| Third Class | 40 - 49 |

**00001.UG.1.63** A candidate for the degree of Bachelor with Honours who has failed to be placed in one of the classes specified in Regulation 00001.UG.62 may be transferred to the degree of Bachelor in accordance with Regulation UG.1.46 and may be granted exemption either in whole or in part from the assessments required for that degree. The exemption will only be granted when, in the opinion of the Board of Examiners, evidence of sufficient attainment has been provided.

**00001.UG.1.64** Notwithstanding 00001.UG.60 a student registered for an Integrated Masters Degree may, if discipline or accreditation specify, be awarded a degree following the Honours classification given in 00001.UG.62 with the exception of Third Class.

00001.UG.1.65 Appeals Against Transfer of Registration, Suspension, Withdrawal and Degree Classification

A student who has been

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

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

**(iii)** withdrawn

under the provisions of Regulations 00001.UG.26, 00001.UG.52 and 00001.UG.57 may appeal to the relevant Board of Study for reconsideration of the case.

**00001.UG.1.66** A student may appeal to the relevant Board of Study for reconsideration of the classification of the degree awarded. Such an appeal must be submitted and the outcome of any such appeal must be decided upon before the student graduates.

**00001.UG.1.67** The grounds for appeals under Regulations 00001.UG.65 and 00001.UG.66 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 Board of Examiners 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 Board of Examiners were not aware when their decision was taken (an Appeals Board will take into account whether a student has met the obligations of 00001.UG.1.25); or

1. that there was inadequate assessment, prejudice or bias on the part of one or more of the examiners.

Such an appeal shall be lodged in writing with the relevant Faculty Office no later than a date specified by the Board of Study and notified in the letter informing the student of the transfer of registration or suspension or the requirement to withdraw or the degree classification. The appeal shall be supported by appropriate documentary evidence not previously available.

**00001.UG.1.68** A student has an ultimate right of appeal to the Senate normally following an unsuccessful appeal to the relevant Board of Study. Such an appeal shall be lodged in writing with the Head of Governance, Management and Policy Team within six weeks of the date on the Faculty Appeal outcome letter 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.

00001.UG.1.69 Award

In order to qualify for a University of Strathclyde award, a candidate who has been granted exemption from earlier years of a University of Strathclyde course through credit transfer or RPL (in accord with Regulation 00001.UG.1.2) must gain from the University of Strathclyde course curriculum a minimum of 120 credits or, where less, a minimum of one-third of the overall credit requirement for that award. In addition, a candidate must comply with the requirements of Ordinance 3.4.3.

**000001.UG.1.70** A candidate who satisfies the conditions of the Ordinances governing the award of degrees and of the general and course regulations shall, on payment of the required fees, be entitled to receive the appropriate degree. To qualify for the award of the degree, a candidate must have achieved the credit requirements specified in 0000.1.UG.1.10 and those of the curriculum as specified in the course regulations. The graduate shall receive a degree parchment setting forth the course of study in which the degree has been granted and, if appropriate, the classification in which the graduate has been placed.

**00001.UG.1.71** A candidate who satisfies the conditions of the general and course regulations shall be entitled to receive a Diploma of Higher Education or the Certificate of Higher Education.

**00001.UG.1.72** A candidate who satisfies the requirements of the general and course regulation governing the award of the degree of Bachelor or Diploma of Higher Education or Certificate of Higher Education and who has, in the opinion of the relevant Board of Examiners and according to prescribed criteria, attained a high level of overall performance may be granted the appropriate award ‘with Merit’ or ‘with Distinction’. In reaching their decision, Boards of Examiners shall have regard to a student’s performance based on the credit-weighted average over the final year of the course (or part-time equivalent). The credit weighted average for Merit is 60-69% and for ‘with Distinction’ is 70 – 100%.

**00001.UG.1.73** A student on a course that has multiple exit points (e.g. Certificate of Higher Education, Diploma of Higher Education, degree of Bachelor, degree of Bachelor with Honours) may only retain one of the possible awards.

**00001.UG.1.74** To be awarded an Integrated Masters degree a student must have performed as defined in 00001.UG.1.60 and have accumulated no fewer than 600 credits with at least 90 credits at Level 4 and 120 credits at Level 5.

**00001.UG.1.75** To be awarded a Bachelor with Honours degree a student must have performed as defined in 0000.1.UG.1.63 and have accumulated no fewer than 480 credits with at least 90 credits at Level 3 and 90 credits at Level 4.

**00001.UG.1.76** To be awarded a Bachelor degree a student must have accumulated no fewer than 360 credits with at least 60 credits at Level 3.

**00001.UG.1.77** To be awarded a Diploma of Higher Education a student must have accumulated no fewer than 240 credits with at least 100 credits at Level 2.

**00001.UG.1.78** To be awarded a Certificate of Higher Education a student must have accumulated no fewer than 120 credits with at least 100 credits at Level 1.

General Regulations for Graduate Diplomas and other Courses requiring Graduate Entry

For admission to courses in this section of the Regulations, 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 University Ordinance 5

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 given to the University’s Academic Policies, Procedures and Guidelines and, where appropriate, Course Handbooks. Students should also adhere to the University’s Constitutional Regulations.*

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

**00001.GD** 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

**00001.GD.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.

**00001.GD.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.

**00001.GD.3** Applicants who satisfy the provisions of Regulation 00001.GD.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)

**00001.GD.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.

00001.GD.5 Minimum Periods of Study

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

00001.GD.6 Maximum Periods of Study

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.

00001.GD.7 Mode of Study

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.

00001.GD.8 Place of Study

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).

00001.GD.9 Course Structure and Curriculum

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.

**00001.GD.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.

**00001.GD.11**  In accordance with the University Awards Framework in Regulation 00001.GD.12, individual classes shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

**00001.GD.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.

00001.GD.13 Dissertation

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.

**00001.GD.14** Any dissertation submitted under the provisions of Regulation 00001.GD.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.

00001.GD.15 Attendance and Performance

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.

00001.GD.16 Examinations and Assessment

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 Convenorship of the Course Director or Head of Department.

**00001.GD.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.

**00001.GD.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.

**00001.GD.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.

**00001.GD.20** A student who is deemed to have failed an assessment or who has been debarred in terms of Regulation 00001.GD.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.

**00001.GD.21**  Notwithstanding Regulation 00001.GD.20 Boards of Examiners may exceptionally permit alternative forms of re-assessment for a class where they consider it to be in a student’s interest.

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

**00001.GD.22**  The Board of Examiners may discount an attempt for a class where appropriate medical or other evidence has been provided subject to report to the relevant Board of Study.

**00001.GD.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.

00001.GD.24 Award of Credits

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

00001.GD.25 Progress of Students

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.

**00001.GD.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.

**00001.GD.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.

00001.GD.28 Transfer of Registration, Suspension and Withdrawal

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 00001.GD.20 – 00001.GD.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

1. terminate the student’s registration and require the student to withdraw.

**00001.GD.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.

**00001.GD.30** Notwithstanding Regulation 00001.GD.20, a student who is reported to the relevant Board of Study under Regulation 00001.GD.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.

**00001.GD.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**

**00001.GD.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 00001.GD.28 – 00001.GD.31 may appeal to the relevant Board of Study for reconsideration of the case.

**00001.GD.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.

**00001.GD.34** The grounds for appeals under Regulations 00001.GD.32 and 00001.GD.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.

**00001.GD.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

**00001.GD.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

**00001.GD.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.

# FACULTY OF ENGINEERING

## DEPARTMENT OF ARCHITECTURE ARCHITECTURAL STUDIES

### BSc with Honours in Architectural Studies

**BSc with Honours in Architectural Studies with International Study**

**BSc in Architectural Studies**

**BSc in Architectural Studies with International Study Diploma of Higher Education in Architectural Studies Certificate of Higher Education in Architectural Studies**

**Course Regulations**

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

### 13113.UG.1 Mode of Study

The courses are available by full-time study only.

### 13113.UG.2 Place of Study

The BSc in Architectural Studies with International Study requires study at an approved institution abroad.

### 13113.UG.3 Assessment

In addition to the requirements of Regulation 00001.UG.1.26 (see General Undergraduate Regulations), in years 1, 2 and 3, a portfolio review may contribute to the assessment of Architecture classes.

### Curriculum

**13113.UG.4 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

AB 106 Design Studies 1A 1 20

AB 107 Design Studies 1B 1 20

AB 108 Design Studies 1C 1 20

AB 109 Design Studies 1D 1 20

AB 110 Cultural Studies 1 1 20

AB 111 Technology Studies 1 1 20

### 13113.UG.5 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AB 208 | Design Studies 2A | 2 | 20 |
| AB 209 | Design Studies 2B | 2 | 20 |
| AB 210 | Design Studies 2C | 2 | 20 |
| AB 211 | Cultural Studies 2 | 2 | 20 |
| AB 212 | Technology Studies 2 | 2 | 20 |

Elective Class(es) 20

### 13113.UG.6 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AB 317 | Design Studies 3A | 3 | 20 |
| AB 318 | Design Studies 3B | 3 | 40 |
| AB 314 | Cultural Studies 3 | 3 | 20 |
| AB 315 | Introduction to Practice | 3 | 20 |
| AB 316 | Technology Studies 3 | 3 | 20 |

#### Architectural Studies with International Study

All students will be required to undertake a period of study abroad at an approved institution and shall follow an approved curriculum of at least 40 credits which shall normally include the equivalent of the following class:

AB 318 Design Studies 3B 3 40

### Intercalated Year

Following successful completion of the third year, students are normally required, as part of professional accreditation, to undertake a year in Professional Practice before proceeding to fourth year. Students registered on a Professional Practice placement will be required to undertake the class listed below and will be awarded personal credits on its successful completion.

AB 324 Professional Experience and Development 3 120

### 13113.UG.7 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | 20 |

### Progress

**13113.UG.8** In order to progress to the second year of the chosen course, a student must have accumulated at least 120 credits from the course curriculum

**13113.UG.9** In order to progress to the third year of the Architectural Studies course, a student must have accumulated at least 220 credits from the course curriculum including those for all second year compulsory classes.

**13113.UG.10** In order to progress to the fourth year of the chosen course, a student must have accumulated at least 360 credits from the course curriculum.

**13113.UG.11** A student on the Architectural Studies with International Study course must have satisfactorily completed at least one semester at an approved institution abroad.

### 13113.UG.12 Final Honours Classification

The final Honours classification will normally be based on the first assessed attempt at compulsory classes which are taken in the fourth year.

### Award

**13113.UG.13 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in the chosen course Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**13113.UG.14 BSc**: In order to qualify for the award of the degree of BSc in the chosen course Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**13113.UG.15 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Architectural Studies Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**13113.UG.16 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Architectural Studies Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

### 13113.UG.17 Transfer

A candidate who fails to satisfy the progress or award requirements for the BSc in Architectural Studies or Architectural Studies with International Study may be transferred to the degree of BEng in Engineering Studies.

## Department of Architecture

### Graduate Diploma in Architectural Studies Course Regulations

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

### 13113.GD.1 Admission

Regulation 00001.GD.1 shall apply (see General Undergraduate Regulations).

### 13113.GD.2 Mode of Study

The course is available by full-time study only

### 13113.GD.3 Curriculum

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

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| AB 4XX | Graduate Diploma Individual Project | 4 | 40 |
| AB 418 | Design Studies 4A | 4 | 20 |
| AB 419 | Design Studies 4B | 4 | 40 |
| AB 421 | Special Study Project | 4 | 20 |

### 13113.GD.4 Examination, Progress and Final Assessment

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.

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

**13113.GD.5 Graduate Diploma**: In order to qualify for the award of Graduate Diploma, a candidate must accumulated no fewer than 120 credits, of which 40 must have been awarded in respect of the Graduate Diploma Individual Project.

# FACULTY OF ENGINEERING

## DEPARTMENT OF BIOMEDICAL ENGINEERING BIOMEDICAL ENGINEERING

**MEng in Biomedical Engineering**

**BEng with Honours in Biomedical Engineering BEng in Biomedical Engineering**

**Diploma of Higher Education in Biomedical Engineering Certificate of Higher Education in Biomedical Engineering**

**Course Regulations**

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

### 13080.UG.1 Mode of Study

The courses are available by full-time study only.

### Curriculum

**13080.UG.2 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BE 100 Anatomy and Physiology for Biomedical Engineers 1 20

BE 101 Biomedical Engineering 1 10

BE 103 Analytical and Numerical Methods in

Biomedical Engineering 1 20

BE 105 Cell Biology 1 1 10

EE 107 Electronic and Electrical Principles 1 1 20

EM 105 Electrical and Mechanical techniques

and design 1 1 20

ME 108 Engineering Analysis and Numerical

Methods 1 10

ME 109 CAD for Biomedical Engineering 1 10

### 13080.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BE 205 Fluid mechanics in Biomedical

|  |  |  |  |
| --- | --- | --- | --- |
|  | Engineering | 2 | 10 |
| BE 207 | Human Cell Biology 2 | 2 | 10 |
| BE 208 | Statics and Dynamics in Biomedical |  |  |
|  | Engineering | 2 | 20 |
| EE 269 | Electronic and Electrical Principles 2 | 2 | 20 |
| EM 270 | Digital Electronics and Programming | 2 | 20 |
| ME 209 | Mathematical Modelling and Analysis | 2 | 20 |
| ME 212 | Materials Engineering and Design | 2 | 10 |
| ME 214 | Mechanical Engineering Design 2 | 2 | 10 |

### 13080.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BE 300 | Biomedical Materials | 3 | 20 |
| BE 301 | Physiological Systems in Health |  |  |
|  | and Disease | 3 | 20 |
| BE 302 | Practical Biomechanics | 3 | 20 |
| BM 325 | Fundamental Immunology | 3 | 20 |
| EE 312 | Instrumentation and Microcontrollers | 3 | 20 |
| Elective |  |  | 20 |

### 13080.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BE 401 | Biomedical Electronics | 4 | 10 |
| BE 404 | Biomedical Instrumentation | 4 | 10 |
| BE 406 | Biomedical Engineering project | 4 | 40 |
| BE 428 | Professional Studies and |  |  |
|  | Research Methods in BME | 4 | 20 |

Optional Classes

40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| 16 429 | Computer Aided Engineering Design | 4 | 20 |
| BE 405 | Sports Injury and Rehabilitation | 4 | 20 |
| BE 424 | Practical Biomechanics 2 | 4 | 20 |
| BE 425 | The Medical Device Regulatory Process | 4 | 10 |
| BE 426 | Medical Robotics | 4 | 10 |
| BE 427 | Numerical Modelling in Biomedical |  |  |
|  | Engineering | 4 | 10 |
| EE 472 | Control Principles | 4 | 20 |
| EE 474 | Robotics: systems and control | 4 | 20 |

ME 414 Advanced Mechanics and dynamics 4 20

Such other Level 4 classes as may be approved by the Course Director.

### 13080.UG.6 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BE 513 | Biomedical Engineering group project | 5 | 60 |
| EF 931 | Project Management | 5 | 10 |

Optional Classes

50 credits chosen from Lists A and B, of which no fewer than 40 credits must be taken from List A

|  |  |  |  |
| --- | --- | --- | --- |
| **List A**  BE 900 | Tissue Mechanics | 5 | 10 |
| BE 901 | Regenerative Medicine & Tissue Engineering | 5 | 10 |
| BE 902 | Prosthetics and Orthotics | 5 | 10 |
| BE 903 | Cardiovascular Devices | 5 | 10 |
| BE 904 | Clinical and Sports Biomechanics | 5 | 10 |
| BE 905 | Bio-signal Processing and Analysis | 5 | 10 |
| BE 906 | Biomaterials and Biocompatibility | 5 | 10 |
| **List B**  16565 | Engineering composites | 5 | 10 |
| EE 578 | Advanced Digital Signal Processing | 5 | 10 |
| EE 579 | Advanced microcontroller applications | 5 | 10 |
| EE 581 | Image and video processing | 5 | 10 |
| EE 582 | Control techniques | 5 | 10 |
| BM 918 | Clinical Biochemistry | 5 | 10 |
| BM 919 | Medical Genomics | 5 | 10 |
| MP 941  MP 942 | Advanced Techniques in Biochemistry  Advanced Techniques in Biomedical Research | 5  5 | 10  10 |
| MP 946 | Advanced Techniques in Molecular Biology | 5 | 10 |

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

### Progress

**13080.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**13080.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**13080.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**13080.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### 13080.UG.11 Final Assessment Classification

The final classification for the chosen degree will normally be based on the first assessed attempt at compulsory and specified optional classes in the second, third, fourth and fifth years.

### Award

**13080.UG.12 MEng**: In order to qualify for the award of the degree of MEng in Biomedical Engineering Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations).

**13080.UG.13 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Biomedical Engineering classes Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**13080.UG.14 BEng:** In order to qualify for the award of the degree of BEng in Biomedical Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**13080.UG.15 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Biomedical Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**13080.UG.16 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Biomedical Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## FACULTY OF ENGINEERING

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

### Graduate Diploma in Biomedical Engineering Course Regulations

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

### 13080.GD.1 Admission

Regulation 00001.GD.1 shall apply (see General Undergraduate Regulations).

### 13080.GD.2 Mode of Study

The course is available by full-time study only

### 13080.GD.3 Curriculum

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

Compulsory Class Level Credits XX 4XX Graduate Diploma Individual Project 4 20

Optional Classes

100 credits chosen from the list in Regulation 13080.GD.4

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

### 13080.GD.4 Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BE 300 | Biomedical Materials | 3 | 20 |
| BE 301 | Physiological Systems in Health |  |  |
|  | and Disease | 3 | 20 |
| BE 302 | Practical Biomechanics | 3 | 20 |
| BE 401 | Biomedical Electronics | 4 | 10 |
| BE 404 | Biomedical Instrumentation | 4 | 10 |
| BE 405 | Sports Injury and Rehabilitation | 4 | 20 |
| BE 424 | Practical Biomechanics 2 | 4 | 20 |
| BE 425 | The Medical Device Regulatory Process | 4 | 10 |
| BE 426 | Medical Robotics | 4 | 10 |
| BE 427 | Numerical Modelling in Biomedical |  |  |
|  | Engineering | 4 | 10 |
| BE 428 | Professional Studies and |  |  |
|  | Research Methods in BME | 4 | 20 |

**13080.GD.5 Examination, Progress and Final Assessment**

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.

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

**13080.GD.6 Graduate Diploma**: In order to qualify for the award of Graduate Diploma, 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 of which 20 must have been awarded in respect of the Individual Project.

# FACULTY OF ENGINEERING

## DEPARTMENT OF BIOMEDICAL ENGINEERING

**PROSTHETICS AND ORTHOTICS**

### BSc with Honours in Prosthetics and Orthotics

**Course Regulations**

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

### 13080.UG.47 Status of the Course

The course is offered at Honours level only.

### 13080.UG.48 Mode of Study

The course is available by full-time study only.

### 13080.UG.49 Place of Study

The Clinical Placement in both Prosthetics and Orthotics will be conducted in approved hospital-based prosthetic and orthotic centres and will comprise an approved programme of clinical experience. Students must apply for membership of the PVG (Protecting Vulnerable Groups) Scheme managed by Disclosure Scotland; or if already a member must apply for an update.

### Curriculum

**13080.UG.50 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 94 154 | Principles of Prosthetic and Orthotic |  | |
|  |  | Design 1 | 1 | 20 |
|  | 94 156 | Introduction to Health Services |  |  |
|  |  | Research | 1 | 20 |
|  | 94 157 | Human Biological Sciences 1 | 1 | 20 |
|  | BE104 | Foundations for Interprofessional |  |  |
|  |  | Practice | 1 | 20 |
|  | 94 161 | Prosthetic and Orthotic Professional |  |  |
|  |  | And Technical Skills 1 | 1 | 20 |
|  | 94 204 | Prosthetics and Orthotics Science 1 | 2 | 20 |

### 13080.UG.51 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 94 205 | Professional Skills for Healthcare 2 | 2 | 10 |
| 94 206 | Human Biological Sciences 2 | 2 | 20 |
| 94 207 | Principles of Prosthetic and Orthotic |  |  |
|  | Design 2 | 2 | 20 |
| 94 208 | Prosthetics and Orthotics Science 2 | 2 | 60 |

Elective Class 10

### 13080.UG.52 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 94 303 | Human Biological Sciences 3 | 3 | 10 |
| 94 304 | Principles of Prosthetic & Orthotic |  |  |
|  | Design 3 | 3 | 10 |
| 94 355 | Prosthetic & Orthotic Science 3 with |  |  |
|  | Applied Health Service Research | 3 | 40 |
| 94 403 | Prosthetics/Orthotics Clinical |  |  |
|  | Placement 1 | 4 | 60 |

### 13080.UG.53 Fourth Year

All students shall undertake classes amounting 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 94 404 | Prosthetics/Orthotics Clinical |  | |
|  | Placement 2 | 4 | 60 |
| 94 405 | Project | 4 | 40 |

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| BE 411 | Upper Limb Prosthetics | 4 | 20 |
| BE 408 | Hip, Knee & Ankle Disarticulation |  |  |
|  | Prosthetics | 4 | 20 |
| BE 409 | Management of the |  |  |
|  | Diabetic Foot | 4 | 20 |
| BE 410 | Lower Limb Prosthetic Design | 4 | 20 |
| BE 413 | Orthotic Management of Spinal |  |  |
|  | Deformity | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| BE 412 | Clinical Governance | 4 | 20 |
| BE 415 | Clinical Gait Analysis | 4 | 20 |

### Progress

**13080.UG.54** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**13080.UG.55** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**13080.UG.56** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### 13080.UG.57 Final Honours Classification

The final Honours classification will normally be based on:

the first assessed attempt at compulsory classes and specified optional classes in the second, third and fourth years;

### Award

**13080.UG.58 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Prosthetics and Orthotics Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations). Notwithstanding Regulation 0000.1.UG.1.75, these must include 160 credits at Level 4.

# DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

## CHEMICAL ENGINEERING

**MEng in Chemical Engineering**

**BEng with Honours in Chemical Engineering BEng in Chemical Engineering**

**Diploma of Higher Education in Chemical Engineering Certificate of Higher Education in Chemical Engineering**

**Course Regulations**

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

### 11012.UG.1 Mode of Study

The course is available by full-time study only.

### Curriculum

**11012.UG.2 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CH 106 | Chemistry: Principles and Practice 1 | 1 | 20 |
| CP 101 | Basic Principles in Chemical |  |  |
|  | Engineering | 1 | 20 |
| CP 102 | Chemical Engineering: Fundamentals, |  |  |
|  | Techniques and Tools | 1 | 20 |
| MM 111 | Mathematics 1B | 1 | 20 |
| MM 112 | Mathematics 2B | 1 | 20 |

Elective Class(es) 20

### 11012.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CP 203 Thermodynamic and Chemical

Principles 2 20

CP 204 Fluid Flow and Heat Transfer 2 20

CP 212 Process Safety Fundamentals 2 20

CP 217 Chemical Engineering Practice 1 2 20

CP 207 Process Analysis and Statistics 2 20

CP 213 Applied Mathematics and Problem

Solving 2 20

CP 218 Applied Mechanics 2 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **11012.UG.4** | **Third Year**  All students shall undertake classes amounting follows | to 120 | credits | as |
|  | Compulsory Classes |  |  |  |
|  | CP 302 Mass Transfer and Separation  Processes | 3 | 20 |  |
|  | CP 303 Materials Processing and Application | 3 | 20 |  |
|  | CP 316 Reactors | 3 | 10 |  |
|  | CP 315 Biochemical Engineering | 3 | 10 |  |
|  | CP 305 Ethics, Sustainability and Economics CP 306 Chemical Engineering Design and  Advanced Information Technology | 3  3 | 20  20 |  |
|  | CP 307 Chemical Engineering Practice 2 | 3 | 20 |  |
| **11012.UG.5** | **Fourth Year**  All students shall undertake classes amounting follows | to 120 | credits | as |

Compulsory Classes

CP 405 Process Control and Environmental

Technology 4 20

CP 407 Chemical Engineering Design 4 60

CP 409 Advanced Separations and Problem

Solving 4 20

CP 414 Particle Technology and Advanced

Reactors 4 20

### 11012.UG.6 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 529 | Programming and Optimisation | 5 | 10 |
| CP 527 | Petroleum Engineering | 5 | 10 |
| CP 530 | Safety Management Practices | 5 | 10 |
| 18 530 | Chemical Engineering Project | 5 | 60 |

Optional Classes

No fewer than 30 credits from the following

|  |  |  |  |
| --- | --- | --- | --- |
| CP 533 | Clean Combustion Technologies | 5 | 10 |
| CP 535 | Molecular and Interfacial Science | 5 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| CP 523 | Molecular Simulation in Chemical |  |  |
|  | Engineering | 5 | 10 |
| CP 537 | Electrochemical Energy Devices | 5 | 10 |
| CP 538 | Environmental Engineering for | 5 | 10 |
|  | Solving Industrial Challenges |  |  |

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

### Progress

**11012.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11012.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11012.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11012.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### 11012.UG.11 Final Assessment and Honours Classification

The final classification of the chosen degree will normally be based on the first assessed attempt at classes taken in the second, third and fourth years**.**

### Award

**11012.UG.12 MEng:** In order to qualify for the award of the degree of MEng in Chemical Engineering Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations).

**11012.UG.13 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Chemical Engineering Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**11012.UG.14 BEng**: In order to qualify for the award of the degree of BEng in Chemical Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11012.UG.15 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Chemical Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11012.UG.16 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Chemical Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

## CHEMICAL ENGINEERING

### MEng in Chemical Engineering by Distance Learning Course Regulations

[These regulations are to be read in conjunction with General

Undergraduate Regulations]

### 11012.UG.48 Admission

Entry to the course is by transfer at the end of the final year of the BEng Chemical Engineering honours by Distance Learning degree for students who have completed the course curriculum and achieved an appropriate standard of performance.

### 11012.UG.49 Status of the Degree

The course is at Integrated Masters level.

### 11012.UG.50 Mode of Study

Distance and Flexible Learning.

### 11012.UG.51 Duration of Study

The normal duration of study is 4-5 years depending on mode of study. The maximum duration of study is 8 years

### Curriculum (Part-time study)

**11012.UG.52 First, Second and Third year** – as BEng honours in Chemical Engineering by Distance Learning curriculum set out in regulation 11012.UG.90

### 11012.UG.53 Fourth Year

All students shall undertake classes amounting to 60 credits as follows

Optional Classes

Students will take 60 credits of level 5 classes in a curriculum that must be approved by the course director.

### 11012.UG.54 Fifth Year

All students shall undertake classes amounting to 60 credits as follows

Compulsory Classes

CP936 Project module 5 60

### 11012.UG.55 Progress – Part-time Study

At all stages of the course, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

**11012.UG.56** In order progress to year 5 students must have attained at least 280 credits from the course curriculum

### 11012.UG.57 Examination and Final Assessment

The final classification for the degree of MEng will normally be based on the first assessed attempt at compulsory and specified optional classes at levels 3, 4 and 5.

### Award

**11012.UG.58 MEng:** In order to qualify for the award of the degree of MEng in Chemical Engineering Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations).

### 11012.UG.59 Transfer

A candidate who fails to satisfy the progress or award requirements for the degree of MEng may be awarded to the degree of BEng with Honours in Chemical Engineering, provided the appropriate progress regulations are satisfied.

## FACULTY OF ENGINEERING

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING CHEMICAL ENGINEERING**

**Bachelor of Engineering with Honours in Chemical Engineering by Distance Learning Bachelor of Engineering in Chemical Engineering**

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

**Admission**

1. The normal qualification for entry to the course is possession of an HNC in Chemical Engineering plus related work experience, an HND in Chemical Engineering or a degree in another discipline. Other qualifications may be considered.

**Credit Transfer and Recognition of Prior Learning**

1. All students undertaking this programme will be awarded between 180 and 240 credits through credit transfer and/or Recognition of Prior Learning (RPL), dependent on qualifications and experience.

**Mode of Study**

1. The programme is available part-time by distance learning only.

**Duration of Study**

1. Students who are awarded credits via credit transfer or RPL will have a minimum duration of study of 3-4 years and a maximum duration of study of 6-8 years (depending on RPL awarded)

**Curriculum**

1. Students shall undertake up to 300 credits (depending on RPL awarded – see section 2) from the list below. All students, regardless of the RPL awarded, **must** undertake all level 3 and level 4 credits listed below.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CP107 | Chemistry for Chemical Engineers | 1 | 10 |
| CP108 | Mathematics for Chemical Engineers | 1 | 30 |
| CP109 | Basic Principles of Chemical Engineering | 1 | 20 |
| CP208 | Fluid Flow and Heat Transfer | 2 | 20 |
| CP211 | Chemical Principles and Thermodynamics | 2 | 20 |
| CP209 | Process Analysis and Statistics | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| CP318 | Professional Engineering and Project Management | 3 | 10 |
| CP319 | Chemical Engineering Safety | 3 | 10 |
| CP314 | Mass Transfer Separation Processes | 3 | 20 |
| CP310 | Process Design and Simulation | 3 | 20 |
| CP321 | Reactors | 3 | 10 |
| CP320 | Biochemical Engineering | 3 | 10 |
| CP411 | Process Control and Environmental Technology | 4 | 20 |
| CP412 | Advanced Separations and Problem Solving | 4 | 20 |
| CP429 | Numerical Methods and Programming | 4 | 20 |
| CP428 | Chemical Engineering Design | 4 | 40 |

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

**Progress – Accelerated Programme**

1. In order to transfer to the accelerated programme, and to progress to the next year of the course, a student must have accumulated all of the core credits from previous years of the course curriculum.

**Progress – Standard Programme**

1. In order to progress to each year subsequent year of the course a student must carry no more than 20 credits from the previous years of the course curriculum.

**Final Assessment and Honours Classification**

1. The final classification of the chosen degree will normally be based on the first assessed attempt at all level 3 and level 4 modules.

**Award**

1. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Chemical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. **BEng:** In order to qualify for the award of the degree of BEng in Chemical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

# DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

## CHEMICAL ENGINEERING

**BEng with Honours in Chemical Engineering - Degree Apprenticeship**

**BEng in Chemical Engineering - Degree Apprenticeship**

**Course Regulations**

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

### 11012.UG.135 Admission

Typical entry requirements for the Degree Apprenticeship in chemical engineering (SIPPE) are 3 A-levels (ABB-BBB) including Maths, and Chemistry or Physics. Suitably qualified applicants may be admitted through a combination of industry experience and higher national qualifications. All applications will be treated on a case by case basis and only applicants employed in a suitable role and meeting the funding requirements of the Degree Apprenticeship will be considered.

### 11012.UG.136 Mode of Study

This course is available by distance learning only.

### 11012.UG.137 Duration of Study

The normal duration of study is 5 years. The maximum duration of study is 6 years.

### 11012.UG.138 Curriculum

All students shall undertake classes amounting to 480 credits as follows

Year 1:

All students shall undertake classes amounting to 120 credits as follows\*:

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CP 107 | Chemistry for Chemical Engineering | 1 | 10 |
| CP 108 | Mathematics for Chemical Engineering | 1 | 30 |
| CP 109 | Basic Principles of Chemical | 1 | 20 |
|  | Engineering |  |  |
| CP 105 | Process Engineering Knowledge, Skills | 1 | 60 |
|  | and Behaviours 1 |  |  |

Year 2

All students shall undertake classes amounting to 90 credits as follows\*:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 216 | Process Engineering Knowledge, Skills | 2 | 40 |
|  | and Behaviours 2 |  |  |
| CP 209 | Process Analysis and Statistics | 2 | 20 |
| CP 211 | Chemical Principles and |  |  |
|  | Thermodynamics | 2 | 20 |
| CP 319 | Chemical Engineering Safety | 3 | 10 |

Year 3:

All students shall undertake classes amounting to 110 credits as follows\*:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 208 | Fluid Flow and Heat Transfer | 2 | 20 |
| CP 324 | Process Engineering Knowledge, Skills | 3 | 50 |
|  | and Behaviours 3 |  |  |
| CP 320 | Biochemical Engineering | 3 | 10 |
| CP 321 | Reactors | 3 | 10 |
| CP 314 | Mass Transfer and Separation |  |  |
|  | Processes | 3 | 20 |

Year 4:

All students shall undertake classes amounting to 100 credits as follows\*:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 310 | Process Design and Simulation | 3 | 20 |
| CP 411 | Process Control and Environmental |  |  |
|  | Technology | 4 | 20 |
| CP 426 | Process Engineering Knowledge, Skills | 4 | 40 |
|  | and Behaviours 4 |  |  |
| CP 429 | Numerical Methods and Programming | 4 | 20 |

Year 5:

All students shall undertake classes amounting to 60 credits as follows\*:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CP 412 | Advanced Separations and |  | |
|  | Problem Solving | 4 | 20 |
| CP 428 | Chemical Engineering Design | 4 | 40 |

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

### Progress

**11012.UG.139** In order to progress to the second year of the course, students must normally have accumulated no fewer than 100 credits, including a

pass in CP105 Process Engineering Knowledge, Skills and Behaviours 1.

**11012.UG.140** In order to progress to the third year of the course, students must normally have accumulated no fewer than 190 credits from the course curriculum, including CP216 Process Engineering Knowledge, Skills and Behaviours 2.

**11012.UG.141** In order to progress to the fourth year of the course, students must normally have accumulated no fewer than 300 credits from the course curriculum. including CP324 Process Engineering Knowledge, Skills and Behaviours 3.

**11012.UG.142** In order to progress to the fifth year of the course, students must normally have accumulated no fewer than 400 credits from the course curriculum including CP426 Process Engineering Knowledge, Skills and Behaviours 4.

### Final Honours Classification

**11012.UG.143** The final Honours classification will normally be based on the first assessed attempt at compulsory classes at levels 3 and 4.

### Award

**11012.UG.144 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Chemical Engineering, Regulation 00001.UG.1.75 shall apply.

**11012.UG.145 BEng**: In order to qualify for the award of the degree of BEng in Chemical Engineering, Regulation 00001.UG.1.76 shall apply.

**11012.UG.146 Diploma of Higher Education:** In order to qualify for the award of Diploma in Higher Education in Chemical Engineering, students must have accumulated no fewer than 240 credits from the taught curriculum.

**11012.UG.147 Certificate of Higher Education:** In order to qualify for the award of Certificate in Higher Education in Chemical Engineering, students must have accumulated no fewer than 120 credits from the taught curriculum.

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING CIVIL ENGINEERING**

**MEng in Civil Engineering**

**MEng in Civil and Environmental Engineering BEng with Honours in Civil Engineering**

**BEng with Honours in Civil and Environmental Engineering BEng in Civil Engineering**

**BEng in Civil and Environmental Engineering Diploma of Higher Education in Civil Engineering Certificate of Higher Education in Civil Engineering**

**Course Regulations**

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

### 11024.UG.48 Mode of Study

The courses are available by full-time study only.

### Curriculum

**11024.UG.49 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CL 132 | Engineering Mechanics 1 | 1 | 20 |
| CL 134 | Engineering Mechanics 2 | 1 | 20 |
| CL 114 | Civil Engineering Design Projects | 1 | 20 |
| MM 115 | Mathematics 1D | 1 | 20 |
| CL 137 | Fundamentals of Civil Engineering | 1 | 20 |

Elective Class(es) 20

### 11024.UG.50 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CL 207 | Structural Mechanics and Materials 2 | 2 | 20 |
| CL 217 | Soil Mechanics | 2 | 20 |
| CL 209 | Land Surveying and Mapping | 2 | 20 |
| CL 218 | Chemistry and Materials Science | 2 | 20 |
| CL 216 | Hydraulics and Hydrology | 2 | 20 |
| MM 215 | Mathematics 2D | 2 | 20 |

### 11024.UG.51 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CL 313 | Structural Engineering 1 | 3 | 20 |
| CL 314 | Geotechnical Engineering 1 | 3 | 20 |
| CL 315 | Water Engineering 1 | 3 | 20 |
| CL 329 | Engineering Mathematics | 3 | 20 |
| CL 328 | Environmental Engineering | 3 | 10 |
| CL 330 | Transport Engineering | 3 | 10 |
| CL 305 | Construction Project Management | 3 | 10 |
| CL 327 | Engineering for International |  |  |
|  | Development | 3 | 10 |

### 11024.UG.52 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CL 419 | Geotechnical Engineering 2 | 4 | 20 |
| CL 420 | Water Engineering 2 | 4 | 20 |
| CL 448 | Individual Project | 4 | 30 |

#### Civil Engineering

|  |  |  |  |
| --- | --- | --- | --- |
| CL 418 | Structural Engineering 2 | 4 | 20 |
| CL 435 | Prestressed Concrete, Composite |  |  |
|  | Materials and Structural Stability | 4 | 10 |

***Civil and Environmental Engineering***

|  |  |  |  |
| --- | --- | --- | --- |
| CL 413 | Solid Waste Management | 4 | 10 |
| CL 439 | Contaminated Land | 4 | 10 |
| CL 447 | Water and Wastewater Treatment |  |  |
|  | Design | 4 | 10 |

Optional Classes

No fewer than 20 from the following

|  |  |  |  |
| --- | --- | --- | --- |
| CL 436 | Transport Planning | 4 | 10 |
| CL 437 | Project Analysis | 4 | 10 |
| CL 418 | Structural Engineering 2 | 4 | 20 |
| CL 435 | Prestressed Concrete, Composite |  |  |
|  | Materials and Structural Stability | 4 | 10 |
| CL 431 | Pollution and Rehabilitation |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | of Degraded Ecosystems | 4 | 10 |
| CL 413 | Solid Waste Management | 4 | 10 |
| CL 439 | Contaminated Land | 4 | 10 |
| CL 430 | Principles of Environmental |  |  |
|  | Microbiology | 4 | 10 |
| CL 447 | Water and Wastewater Treatment |  |  |
|  | Design | 4 | 10 |
| CL 446 | Water and Environmental Management | 4 | 10 |

Exceptionally, such other classes totalling no more than 20 credits at Level 4 as approved by the Course Director.

**11024.UG.53** All students shall undertake classes amounting to no fewer than 120 credits (which must bring the total studied at Level 5 to no fewer than 120 credits appropriate to the chosen course)

Compulsory Classes

CL 518 Group Design Project A 5 20

#### Civil Engineering

Optional Classes

No fewer than 100 credits chosen from Lists A, B, and C of which a minimum of 40 credits must be chosen from List A.

#### Civil and Environmental Engineering

Optional Classes

No fewer than 100 credits chosen from Lists A, B, and C of which a minimum of 20 credits must be chosen from List A and a minimum of 20 credits must be chosen from List B.

Optional Classes at Level 5

***List A: Civil Engineering***

|  |  |  |  |
| --- | --- | --- | --- |
| 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, Tunneling and |  |  |
|  | Groundwater | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| CL 516 | MEng Dissertation | 5 | 20 |
| CL 517 | Advanced Structural Steelwork Design | 5 | 20 |
| CL 520 | Engineering Challenges in Nuclear |  |  |
|  | Decommissioning and Waste Disposal | 5 | 10 |
| CL 917 | Slopes and Walls | 5 | 10 |
| CL 991 | Structural Health Monitoring | 5 | 10 |
| CL 992 | Advanced Materials for Structures | 5 | 10 |

***List B: Environmental Engineering***

|  |  |  |  |
| --- | --- | --- | --- |
| CL904 | Waste Management & Landfill Design | 5 | 10 |
| CL935 | Hydrogeology | 5 | 10 |
| CL946 CL948 | Global Water Policy  Principles of Environmental Microbiology | 5  5 | 10  10 |
| CL 952 | Aquifer Mechanics | 5 | 10 |
| CL 954  CL 960 | Contaminated Land Fundamentals of Environmental Forensics | 5  5 | 10  10 |
| CL 961 | Geographical Information Systems | 5 | 10 |
| CL 970  CL 971 | Environmental Pollution Management Air Pollution, Climate Change  & Human Health | 5  5 | 10  10 |
| CL 978 | Water and Wastewater Treatment Design | 5 | 10 |
| CL 994 | Circular Economy and Transformations Towards 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 |

***List C: Other Classes***

|  |  |  |  |
| --- | --- | --- | --- |
| AB 991 | Building Information Modelling | 5 | 10 |
| CL 504 | Financial Engineering | 5 | 10 |
| CL 523  CL 565 | The Construction Industry Client  Science, Technology and Innovation Policy | 5  5 | 10  10 |
| NM 833 | Renewable Marine Energy Systems | 5 | 10 |
| NM 948 | Subsea Systems and Installation | 5 | 10 |
| EC 937 | City Systems and Infrastructure | 5 | 10 |

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

### Progress

**11024.UG.54** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11024.UG.55** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11024.UG.56** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11024.UG.57** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### 11024.UG.58 Final Assessment and Classification

The final assessment for the award of the chosen degree will normally be based on the first assessed attempt at compulsory and approved optional classes that are taken in the second, third and fourth years.

### Award

**11024.UG.59 MEng:** In order to qualify for the award of the degree of MEng in Civil Engineering or Civil and Environmental Engineering Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations).

**11024.UG.60 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Civil Engineering or Civil and Environmental Engineering Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include *CL 448 Individual Project.*

**11024.UG.61 BEng**: In order to qualify for the award of the degree of BEng in Civil Engineering or Civil and Environmental Engineering Regulation 00001.UG.1.76 shall apply.

**11024.UG.62 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Civil Engineering or Civil and Environmental Engineering 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11024.UG.63 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Civil Engineering or Civil and Environmental Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## CIVIL ENGINEERING

### Graduate Diploma in Civil Engineering Course Regulations

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

### 11024.GD.1 Admission

Regulation 00001. GD.1 shall apply (see General Undergraduate Regulations).

### 11024.GD.2 Mode of Study

The course is available by full-time study only

### 11024.GD.3 Curriculum

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

Compulsory Class Level Credits CL 4XX Graduate Diploma Individual Project 4 20

Optional Classes

100 credits chosen from the list in Regulation 11024. GD.3

Optional classes must incorporate no fewer than 70 credits at Level 4 or above.

Optional Classes at Levels 3 and 4

|  |  |  |  |
| --- | --- | --- | --- |
| CL 418 | Structural Engineering 2 | 4 | 20 |
| CL 419 | Geotechnical Engineering 2 | 4 | 20 |
| CL 420 | Water Engineering 2 | 4 | 20 |
| CL423 | Solid Waste Management and |  |  |
|  | Contaminated Land | 4 | 20 |
| CL435 | Pre-stressed Concrete, Composite |  |  |
|  | Materials and Structural Stability | 4 | 20 |
| CL438 | Project Planning | 4 | 20 |
| CL 436 | Transport Planning | 4 | 10 |
| CL 437 | Project Analysis | 4 | 10 |
| CL 431 | Pollution and Rehabilitation |  |  |
|  | of Degraded Ecosystems | 4 | 10 |
| CL 313 | Structural Engineering 1 | 3 | 20 |
| CL 314 | Geotechnical Engineering 1 | 3 | 20 |
| CL 315 | Water Engineering 1 | 3 | 20 |
| CL 329 | Engineering Mathematics | 3 | 20 |
| CL 328 | Environmental Engineering | 3 | 10 |
| CL 330 | Transport Engineering | 3 | 10 |
| CL 305 | Construction Project Management | 3 | 10 |

CL 327 Engineering for International

Development 3 10

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

### 11024.GD.4 Examination, Progress and Final Assessment

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.

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

**11024.GD.5 Graduate Diploma**: In order to qualify for the award of Graduate Diploma in Civil Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits with at least 90 credits from Level 4 or above of which 20 must have been awarded in respect of the Individual Project.

# FACULTY OF ENGINEERING

**DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

## CIVIL ENGINEERING – GRADUATE APPRENTICESHIP

**BEng with Honours in Civil Engineering – Graduate Apprenticeship**

**BEng in Civil Engineering – Graduate Apprenticeship**

**Diploma of Higher Education in Civil Engineering – Graduate Apprenticeship**

**Certificate of Higher Education in Civil Engineering – Graduate Apprenticeship**

|  |  |
| --- | --- |
|  | **Course Regulations**  [These regulations are to be read in conjunction with General Undergraduate Regulations] |
| **11024.UG.95** | **Mode of Study** |
|  | The courses are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full time basis. |
|  | **Curriculum** |
| **11024.UG.96** | **First Year** |
|  | All students shall undertake classes amounting to 120 credits as follows |
|  | Compulsory Classes Level Credits  EO 109 Mathematics and Numerical Tools 1A 1 30  EO 105 Basic Mechanics and Materials 1 20  EO 106 Structural Analysis 1 1 20  EO 107 Soils and Water 1 1 20  EO 108 Work Based Learning 1 1 30 |
| **11024.UG.97** | **Second Year** |
|  | All students shall undertake classes amounting to 120 credits as  follows |

|  |  |
| --- | --- |
|  | Compulsory Classes  EO 209 Mathematics and Numerical Tools 2A 2 30  EO 205 Structural Analysis 2 2 20  EO 206 Soils and Water 2 2 20  EO 207 Civil Engineering Practice 2 20  EO 208 Work Based Learning 2 2 30 |
| **11024.UG.98** | **Third Year** |

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

EO 304 Civil Engineering Design Project 3 60

Optional Classes

60 credits at Level 3 chosen from the list of optional classes in the Faculty of Engineering, as approved by the Course Director.

### 11024.UG.99 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

EO 407 Civil Engineering Individual Project 4 60

Optional Classes

60 credits at Level 4 chosen from the list of optional classes in the Faculty of Engineering, as approved by the Course Director.

### Progress

|  |  |
| --- | --- |
| **11024.UG.100** | In order to progress to the second year of the course Regulation  00001.UG.1.43 shall apply (see General Undergraduate Regulations). |
| **11024.UG.101** | In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate  Regulations). |
| **11024.UG.102** | In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations). |
|  | **Final Honours Classification** |

|  |  |
| --- | --- |
| **11024.UG.103** | The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional classes which are taken in third and fourth year of the course.  **Award** |
| **11024.UG.104** | **BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Civil Engineering Regulation 00001.UG.1.75 shall apply (see General Undergraduate  Regulations). |
| **11024.UG.105** | **BEng:** In order to qualify for the award of the degree of BEng in  Civil Engineering Regulation 00001.UG.1.76 shall apply (see |

General Undergraduate Regulations).

|  |  |
| --- | --- |
| **11024.UG.106** | **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate  Regulations). |
| **11024.UG.107** | **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Civil Engineering  00001.Regulation UG.1.78 shall apply (see General |

Undergraduate Regulations).

# DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

## STRUCTURAL AND ARCHITECTURAL ENGINEERING

**BEng with Honours in Structural and Architectural Engineering**

**BEng in Structural and Architectural Engineering**

**Diploma of Higher Education in Structural and Architectural Engineering**

**Certificate of Higher Education in Structural and Architectural Engineering**

**Course Regulations**

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

### 11024.UG.1 Status of the Courses

All students are normally admitted in the first instance as potential Honours students. Transfer to the MEng in Structural and Architectural Engineering is possible prior to the fourth year of study, subject to satisfying the appropriate progress regulations.

### 11024.UG.2 Mode of Study

The courses are available by full-time study only.

### Curriculum

**11024.UG.3 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| AB 110 | Cultural Studies 1 | 1 | 20 |
| CL 111 | Structural Mechanics and Materials 1 | 1 | 20 |
| CL 119 | Introduction to Geology and Soil |  |  |
|  | Mechanics | 1 | 20 |
| CL 117 | Basic Mechanics | 1 | 10 |
| ME 101 | Heat and Flow 1 | 1 | 10 |
| MM 115 | Mathematics 1D | 1 | 20 |

Elective Class(es) 20

### 11024.UG.4 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AB 211 | Cultural Studies 2 | 2 | 20 |
| CL 207 | Structural Mechanics and Materials 2 | 2 | 20 |
| CL 217 | Soil Mechanics | 2 | 20 |
| CL 216 | Hydraulics and Hydrology | 2 | 20 |
| 16 293 | Environmental Engineering Science | 2 | 10 |
| 16 294 | Energy Systems 1 | 2 | 10 |
| MM 215 | Mathematics 2D | 2 | 20 |

### 11024.UG.5 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AB 314 | Cultural Studies 3 | 3 | 20 |
| CL 313 | Structural Engineering 1 | 3 | 20 |
| CL 314 | Geotechnical Engineering 1 | 3 | 20 |
| CL 329 | Engineering Mathematics | 3 | 20 |
| CL 324 | Surveying and Building Design | 3 | 20 |
| 16 387 | Environmental Engineering Science 2 | 3 | 10 |
| 16 390 | Energy Systems 2 | 3 | 10 |

### 11024.UG.6 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 16 469 | Low Energy Building Design | 4 | 20 |
| CL 434 | Individual Project | 4 | 20 |
| CL 418 | Structural Engineering 2 | 4 | 20 |
| CL 419 | Geotechnical Engineering 2 | 4 | 20 |
| CL 435 | Prestressed Concrete, Composite |  |  |
|  | Materials and Structural Stability | 4 | 10 |
| CL 438 | Project Planning | 4 | 10 |

Optional Classes 20

|  |  |  |  |
| --- | --- | --- | --- |
| CL 436 | Transport Planning | 4 | 10 |
| CL 437 | Project Analysis | 4 | 10 |
| CL 428 | Architectural Engineering |  |  |
|  | Design Project | 4 | 10 |
| 16 468 | Acoustics | 4 | 10 |
| ME 404 | Energy Systems Modelling | 4 | 10 |

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

### Progress

**11024.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11024.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11024.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Final Assessment and Honours Classification

**11024.UG.10** On successful completion of the fourth year, a candidate will be awarded the Level 4 credits corresponding to the classes taken.

**11024.UG.11** The Final Honours Classification will normally be based on:

the first assessed attempt at compulsory and approved optional classes that are taken in the second, third and fourth years.

### Award

**11024.UG.12 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Structural and Architectural Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include *CL 434 Individual Project.*

**11024.UG.13 BEng**: In order to qualify for the award of the degree of BEng in Structural and Architectural Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11024.UG.14 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Structural and Architectural Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11024.UG.15 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Structural and Architectural Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

### 11024.UG.16 Transfer

A candidate who fails to satisfy the progress or award requirements for the BEng in Structural and Architectural Engineering may be transferred to the degree of BEng in Engineering Studies.

**FACULTY OF ENGINEERING**

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

**MANUFACTURING ENGINEERING AND MANAGEMENT**

**Master of Engineering in Manufacturing Engineering and Management Bachelor of Engineering with Honours in Manufacturing Engineering and Management**

**Bachelor of Engineering in Manufacturing Engineering and Management Diploma of Higher Education in Manufacturing Engineering and Management Certificate of Higher Education in Manufacturing Engineering and Management**

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

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| MM115 | Mathematics 1D | 1 | 20 |
| 16132 | Engineering Mechanics 1 | 1 | 20 |
| EE108 | Electrical and Electronic Engineering | 1 | 10 |
| ME101 | Heat and Flow 1 | 1 | 10 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| ME212 | Materials Engineering and Design | 2 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| 19222 | Electrical Machines and Control | 2 | 10 |
| MS210 | Analysing and Improving Operations | 2 | 20 |
| DM202 | Design and Manufacturing Management | 2 | 20 |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
|  | Elective Module(s) | 1 | 20 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM305 | Innovation Management | 3 | 20 |
| DM307 | Production and Operations Management | 3 | 20 |
| DM308 | Production Techniques 2 | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

**Optional Modules**

20 credits at Level 3 or 4 chosen from the list of optional as approved by the Programme Leader.

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM401 | Advanced Product Design and Manufacture | 4 | 20 |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project 1 | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM404 | Quality Management | 4 | 20 |

**Optional Modules**

20 credits at Level 3, 4 or 5 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fifth Year** - All students shall undertake modules amounting to no fewer than 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list of optional modules as approved by the Programme Leader.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Classification**

1. The final classification for the chosen degree in Manufacturing Engineering and Management will normally be based on the first assessed attempt at all modules taken in the second, third, fourth and fifth years.

**Award**

1. **MEng:** In order to qualify for the award of the degree of MEng in Manufacturing Engineering and Management, the General Academic Regulations – Undergraduate,

Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include DM402 Individual Project 1 and DM511 Individual Project 2.

1. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Manufacturing Engineering and Management, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include DM402 Individual Project 1.
2. **BEng:** In order to qualify for the award of the degree of BEng in Manufacturing Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Manufacturing Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**FACULTY OF ENGINEERING**

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

**PRODUCT DESIGN AND INNOVATION**

**Master of Science in Product Design and Innovation**

**Bachelor of Science with Honours in Product Design and Innovation Bachelor of Science in Product Design and Innovation**

**Diploma of Higher Education in Product Design and Innovation Certificate of Higher Education in Product Design and Innovation**

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

**Status of the Programmes**

1. All students are normally admitted in the first instance as potential Honours students.

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| DM103 | Technology Concepts | 1 | 20 |
| Z1151 | Entrepreneurship: Theory and Practice | 1 | 20 |
|  | Elective Module(s) |  | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM200 | Design 2 | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM202 | Design and Manufacturing Management | 2 | 20 |
| DM203 | Design Prototyping | 2 | 20 |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
| Z1218 | New Venture Planning | 2 | 20 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM300 | Design Emotion and Experience | 3 | 20 |
| DM305 | Innovation Management | 3 | 20 |
| DM306 | Product Development | 3 | 20 |
| DM308 | Production Techniques 2 | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM401 | Advanced Product Design & Manufacture | 4 | 20 |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project 1 | 4 | 20 |
| DM411 | Design Interaction | 4 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 chosen from the list of optional classes as approved by the programme director.

1. **Fifth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list of optional classes as approved by the Programme Director.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Honours Classification**

1. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules which are taken in the second, third and fourth year of the programme.

**Award**

1. **MSci:** In order to qualify for the award of the degree of in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include module DM402 Individual Project 1 and DM511 Individual Project 2.
2. **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include module DM402 Individual Project 1.
3. **BSc:** In order to qualify for the award of the degree of BSc in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
5. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**FACULTY OF ENGINEERING**

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

**PRODUCT DESIGN ENGINEERING**

**Master of Engineering in Product Design Engineering**

**Bachelor of Engineering with Honours in Product Design Engineering Bachelor of Engineering in Product Design Engineering**

**Diploma of Higher Education in Product Design Engineering Certificate of Higher Education in Product Design Engineering**

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

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| 16132 | Engineering Mechanics 1 | 1 | 20 |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| MM115 | Mathematics 1D | 1 | 20 |
|  | Elective Module(s) |  | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| ME212 | Materials Engineering and Design | 2 | 10 |
| 19222 | Electrical Machines and Control | 2 | 10 |
| 19260 | Electrical and Electronic Engineering | 2 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM200 | Design 2 | 2 | 20 |
| DM202 | Design and Manufacturing Management | 2 | 20 |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
| ME101 | Heat and Flow | 1 | 10 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM303 | Engineering Design | 3 | 20 |
| DM306 | Product Development | 3 | 20 |
| DM308 | Production Techniques 2 | 3 | 20 |
| DM309 | Mechatronics Design and Applications | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM400 | Advanced Design Methods | 4 | 20 |
| DM401 | Advanced Product Design and Manufacture | 4 | 20 |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project | 4 | 20 |

**Optional Modules**

20 credits at Level 3, 4 or 5 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fifth Year** - All students shall undertake modules amounting to no fewer than 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list of optional modules as approved by the Programme Leader.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Classification**

1. The final classification for the chosen degree in Product Design Engineering will normally be based on the first assessed attempt at all modules taken in the second, third, fourth and fifth years.

**Award**

1. **MEng:** In order to qualify for the award of the degree of MEng in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1 and DM511 Individual Project 2.
2. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1.
3. **BEng:** In order to qualify for the award of the degree of BEng in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
5. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**FACULTY OF ENGINEERING**

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

**PRODUCTION ENGINEERING AND MANAGEMENT**

**Master of Engineering in Production Engineering and Management**

**Bachelor of Engineering with Honours in Production Engineering and Management Bachelor of Engineering in Production Engineering and Management**

**Diploma of Higher Education in Production Engineering and Management Certificate of Higher Education in Production Engineering and Management**

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

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| MM115 | Mathematics 1D | 1 | 20 |
| 16132 | Engineering Mechanics 1 | 1 | 20 |
|  | Elective Module(s) |  | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| 16155 | Engineering Materials | 1 | 10 |
| 19222 | Electrical Machines and Control | 2 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| 19260 | Electrical and Electronic Engineering | 2 | 10 |
| DM200 | Design 2 | 2 | 20 |
| DM202 | Design and Manufacturing Management | 2 | 20 |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
| ME101 | Heat and Flow 1 | 1 | 10 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM305 | Innovation Management | 3 | 20 |
| DM307 | Production and Operations Management | 3 | 20 |
| DM308 | Production Techniques 2 | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

**Optional Modules**

20 credits at Level 3 or 4 chosen from the list of optional as approved by the Programme Leader.

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM401 | Advanced Product Design and Manufacture | 4 | 20 |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project 1 | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM404 | Quality Management | 4 | 20 |

**Optional Modules**

20 credits at Level 3, 4 or 5 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fifth Year** - All students shall undertake modules amounting to no fewer than 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list of optional modules as approved by the Programme Leader.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Classification**

1. The final classification for the chosen degree in Production Engineering and Management will normally be based on the first assessed attempt at all modules taken in the second, third, fourth and fifth years.

**Award**

1. **MEng:** In order to qualify for the award of the degree of MEng in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated

Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1 and DM511 Individual Project 2.

1. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1.
2. **BEng:** In order to qualify for the award of the degree of BEng in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Production Engineering and Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**FACULTY OF ENGINEERING**

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

**SPORTS DESIGN ENGINEERING**

**Master of Engineering in Sports Design Engineering**

**Bachelor of Engineering with Honours in Sports Design Engineering Bachelor of Engineering in Sports Design Engineering**

**Diploma of Higher Education in Sports Design Engineering Certificate of Higher Education in Sports Design Engineering**

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

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| DM103 | Technology Concepts | 1 | 20 |
| BE100 | Anatomy and Physiology for Biomedical Engineers | 1 | 20 |
| MM115 | Mathematics 1D | 1 | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BE209 | Sports Biomechanics | 2 | 20 |
| DM200 | Design 2 | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
| DM206 | Sports Engineering | 2 | 20 |
|  | Elective Module(s) | 1 | 20 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B1225 | Physiology of Aerobic Exercise | 2 | 20 |
| DM303 | Engineering Design | 3 | 20 |
| DM306 | Product Development | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

**Optional Modules**

20 credits at Levels 3 or 4 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project 1 | 4 | 20 |
| BE405 | Sports Injury and Rehabilitation | 4 | 20 |
| BE400 | Advanced Topics in Human Movement | 4 | 20 |

**Optional Modules**

20 credits at Levels 3, 4 or 5 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fifth Year** - All students shall undertake modules amounting to no fewer than 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total studied at Level 5 to no fewer than 120 credits) chosen from the list of optional modules as approved by the Programme Leader.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Classification**

1. The final award for the chosen degree in Sports Engineering will normally be based on the first assessed attempt at all modules taken in the second, third, fourth and fifth years.

**Award**

1. **MEng:** In order to qualify for the award of the degree of MEng in Sports Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1 and DM511 Individual Project 2.
2. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Sports Design Engineering, see General Academic Regulations –

Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1.

1. **BEng:** In order to qualify for the award of the degree of BEng in Sports Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Sports Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Sports Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**FACULTY OF ENGINEERING**

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

**SPORTS ENGINEERING**

**Master of Engineering in Sports Engineering**

**Bachelor of Engineering with Honours in Sports Engineering Bachelor of Engineering in Sports Engineering**

**Diploma of Higher Education in Sports Engineering Certificate of Higher Education in Sports Engineering**

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

**Mode of Study**

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

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM100 | Design 1 | 1 | 20 |
| DM101 | Integrating Studies 1 | 1 | 20 |
| DM102 | Introduction to Production Engineering and Management | 1 | 20 |
| DM103 | Technology Concepts | 1 | 20 |
| BE100 | Anatomy and Physiology for Biomedical Engineers | 1 | 20 |
|  | Elective Module(s) |  | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BE201 | Biomechanics of Human Movement – Theory | 2 | 20 |
| BE202 | Biomechanics of Human Movement - Measurement | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| DM200 | Design 2 | 2 | 20 |
| DM204 | Integrating Studies 2 | 2 | 20 |
| DM205 | Production Techniques 1 | 2 | 20 |
| DM206 | Sports Engineering | 2 | 20 |

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B1225 | Physiology of Aerobic Exercise | 2 | 20 |
| DM303 | Engineering Design | 3 | 20 |
| DM306 | Product Development | 3 | 20 |
| DM312 | Mechatronic Design and Applications | 3 | 10 |
| DM313 | Multidisciplinary Integrating Project | 3 | 10 |
| DM314 | Individual Integrating Project | 3 | 10 |
| DM315 | Mechatronics: Product Programming | 3 | 10 |

**Optional Modules**

20 credits at Levels 3 or 4 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM402 | Individual Project 1 | 4 | 40 |
| DM403 | Industrial Group Project 1 | 4 | 20 |
| BE405 | Sports Injury and Rehabilitation | 4 | 20 |
| BE400 | Advanced Topics in Human Movement | 4 | 20 |

**Optional Modules**

20 credits at Levels 3, 4 or 5 chosen from the list of optional modules as approved by the Programme Leader.

1. **Fifth Year** - All students shall undertake modules amounting to no fewer than 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| DM511 | Individual Project 2 | 5 | 60 |
| DM501 | Industrial Group Project 2 | 5 | 20 |
| DM502 | Research Studies | 5 | 20 |

**Optional Modules**

No fewer than 20 credits at Level 4 or 5 (which must bring the total studied at Level 5 to no fewer than 120 credits) chosen from the list of optional modules as approved by the Programme Leader.

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
4. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Classification**

1. The final award for the chosen degree in Sports Engineering will normally be based on the first assessed attempt at all modules taken in the second, third, fourth and fifth years.

**Award**

1. **MEng:** In order to qualify for the award of the degree of MEng in Sports Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1 and DM511 Individual Project 2.
2. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Sports Engineering, see General Academic Regulations – Undergraduate,

Integrated Master and Professional Graduate Degree Programme Level; and must include DM402 Individual Project 1.

1. **BEng:** In order to qualify for the award of the degree of BEng in Sports Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Sports Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Sports Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

# DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

## COMPUTER AND ELECTRONIC SYSTEMS

**MEng Computer and Electronic Systems**

**MEng Computer and Electronic Systems with International Study**

**BEng with Honours in Computer and Electronic Systems BEng in Computer and Electronic Systems**

**Diploma of Higher Education in Computer and Electronic Systems**

**Certificate of Higher Education in Computer and Electronic Systems**

**Course Regulations**

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

### 11036.UG.100 Status of the Courses

All students are normally admitted in the first instance as potential Honours students. Transfer to the MEng degree in Computer and Electronic Systems is possible prior to the fourth year of study subject to satisfying the appropriate progress regulations.

### 11036.UG.101 Mode of Study

The courses are available by full-time study only.

### Curriculum 11036.UG.102 First Year

All students shall undertake classes amounting to 140 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| 56 110 | Engineering Industry and Profession | 1 | 10 |
| CS 103 | Machines, Languages and Computation | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| CS 107 | Fundamentals of Computer Systems | 1 | 10 |
| EE 105 | Electronic and Electrical Techniques |  |  |
|  | and Design 1 | 1 | 20 |
| EE 107 | Electronic and Electrical Principles 1 | 1 | 20 |
| MM 113 | Engineering Mathematics 1E | 1 | 20 |
| MM 114 | Engineering Mathematics 2E | 1 | 20 |

### 11036.UG.103 Second Year

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 56 213 | Engineering Design and Manufacture | 2 | 10 |
| CS 207 | Advanced Programming | 2 | 20 |
| CS 210 | Computer Systems and Architecture | 2 | 20 |
| EE 269 | Electronic and Electrical Principles 2 | 2 | 20 |
| EE 270 | Digital Electronic Systems | 2 | 20 |
| MM 213 | Engineering Mathematics 3E | 2 | 20 |

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 208 | Logic and Algorithms | 2 | 20 |
| PH260 | Physical Electronics | 2 | 10 |
| 19207 | Electromagnetism | 2 | 10 |

### 11036.UG.104 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 308 | Building Software Systems | 3 | 20 |
| CS 313 | Computer Systems and Concurrency | 3 | 20 |
| EE 320  56 324 | Signals and Communication Systems Engineering Innovation and Management | 3  3 | 20  10 |
| CX 318 | Computer and Electronic Systems Project | 3 | 10 |
| Elective Class(es) | |  | 20 |
| Optional Classes | |  |  |
| 20 credits chosen from  CS 310 Foundations of Artificial Intelligence | | 3 | 20 |
| CS 311 Programming Language Definition & Implementation | | 3 | 20 |
| EE 312 Instrumentation and Microcontrollers | | 3 | 20 |
| EE 315 Analogue and Digital System Design | | 3 | 20 |
| EE 313 Engineering Analysis | | 3 | 20 |

### 11036.UG.105 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

EE 475 CES Individual Project 4 40

80 credits chosen from the list of optional classes Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 413 | Embedded Systems | 4 | 20 |
| CS 414 | Digital Forensics | 4 | 20 |
| EE 468 | Analogue Systems | 4 | 20 |
| EE 469 | DSP Principles | 4 | 20 |
| EE 470 | Information Transmission & Security | 4 | 20 |
| EE 471 | Communications Networks | 4 | 20 |
| EE 472 | Control Principles | 4 | 20 |
| EE 473 | Photonic Systems | 4 | 20 |
| EE 474 | Robotic Systems | 4 | 20 |

Such other classes offered by the Department of Computer and Information Sciences, the Department of Electronic and Electrical Engineering, or both, and totalling no more than 20 credits as may be approved by the Course Director.

### 11036.UG.106 Fifth Year

All students shall undertake classes amounting to 120 credits as follows:

Compulsory Classes

19 520 Group Project 5 40

80 credits chosen from the list of optional classes: Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 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 and Applications | 5 | 20 |
| CS 965 | Computer Security | 5 | 20 |
| EE 578 | Advanced DSP | 5 | 20 |
| EE 579  EE 580 | Advanced Microcontroller Applications DSP and FPGA-based Embedded Systems Design | 5  5 | 20  20 |
| EE 581 | Image and Video Processing | 5 | 20 |
| EE 582 | Control Techniques | 5 | 20 |
| EE 583 | Mobile and Wireless Networks | 5 | 20 |

Such other classes offered by the Department of Computer and Information Sciences, the Department of Electronic and Electrical Engineering, or both, and totalling no more than 20 credits as may be approved by the Course Director.

**11036.UG.107 MEng in Computer and Electronic Systems with International Study**: Regulation 11036.UG.106 shall apply, with students permitted to incorporate up to 40 credits of classes in foreign language or otherwise relevant to international study, approved by the Course Director.

Students who elect to undertake study abroad during fourth or fifth year shall follow an approved curriculum which is equivalent to that specified in these regulations.

### Progress

**11036.UG.108** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11036.UG.109** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11036.UG.110** In order to progress to the third year of the BEng degree Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11036.UG.111** In order to progress to the fourth year of the Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11036.UG.112** In order to progress to the fifth year of the Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### Final Honours Classification

**11036.UG.113** The final Honours classification will normally be based on the first assessed attempt at all classes at Levels three and four.

### Award

**11036.UG.114 MEng:** In order to qualify for the award of the degree of MEng in Computer and Electronic Systems a candidate must have accumulated no fewer than 630 credits from the course curriculum including those for the classes *EE 475 CES Individual Project* and *19 520 Group Project.*

In order to qualify for the award of MEng in Computer and Electronic Systems with International Study, in addition to satisfying the provisions of Regulation 12.30.18, a student must have undertaken successfully no fewer than 30 weeks of approved study abroad.

**11036.UG.115 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Computer and Electronic Systems, a candidate must have accumulated no fewer than 510 credits from the course curriculum. These must include those for the class *EE 475 Individual CES Project*.

**11036.UG.116 BEng**: In order to qualify for the award of the degree of BEng in Computer and Electronic Systems Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11036.UG.117 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Computer and Electronic Systems Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11036.UG.118 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Computer and Electronic Systems Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

## ELECTRICAL AND MECHANICAL ENGINEERING

**MEng in Electrical and Mechanical Engineering**

**MEng in Electrical and Mechanical Engineering with International Study**

**BEng with Honours in Electrical and Mechanical Engineering**

**BEng in Electrical and Mechanical Engineering**

**Diploma of Higher Education in Electrical and Mechanical Engineering**

**Certificate of Higher Education in Electrical and Mechanical Engineering**

**Course Regulations**

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

### 11036.UG.50 Mode of Study

The course is available by full-time study only.

### 11036.UG.51 Place of Study

The MEng in Electrical and Mechanical Engineering with International Study requires study at an approved institution abroad. Such study will normally extend over a minimum period of 30 weeks. Subject to availability of an approved curriculum (including any project), study abroad can be undertaken during third, fourth or fifth years of the course. Study abroad may comprise two exchanges with different institutions of one semester each, not necessarily during the same year.

### 11036.UG.52 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level

Credits

16 132 Engineering Mechanics 1 1 20

56 110 Engineering Industry and Profession 1 10

EE 107 Electronic and Electrical Principles 1 1 20

EM 105 Electrical and Mechanical Techniques

And Design 1 1 20

ME 101 Heat and Flow 1 1 10

MM 113 Engineering Mathematics 1E 1 20

MM 114 Engineering Mathematics 2E 1 20

### 11036.UG.53 Second Year

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 16 232 | Engineering Mechanics 2 | 2 | 20 |
| 19 207 | Electromagnetism | 2 | 10 |
| 56 213 | Engineering Design and Manufacture | 2 | 10 |
| EE 269 | Electronic and Electrical Principles 2 | 2 | 20 |
| EM 270 | Digital Electronics and Programming |  |  |
|  | Design | 2 | 20 |
| EM 271 | Electronic and Mechanical Techniques |  |  |
|  | And Design 2 | 2 | 10 |
| ME 203 | Heat and Flow 2 | 2 | 20 |
| MM 213 | Engineering Mathematics 3E | 2 | 20 |

### 11036.UG.54 Third Year

All students shall undertake classes amounting to 140 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EE 312 | Instrumentation and Microcontrollers | 3 | 20 |
| EM 301  56 324 | Engineering Analysis Engineering Innovation and Management | 3  3 | 20  10 |
| EM 305 | Engineering Computing | 3 | 10 |
| EM 310 | Signals and Systems | 3 | 10 |
| ME 305 | Dynamics 3 | 3 | 10 |
| EM 304 | Integrated Design | 3 | 20 |
| Elective Classes | |  | 20 |
| Optional Classes | |  |  |
| 20 credits chosen from: | |  |  |
| EE 311 Electronic and Electrical Principles 3 | | 3 | 20 |
| ME 301 Heat and Flow 3 | | 3 | 20 |

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

#### MEng in Electrical and Mechanical Engineering with International Study

Students who elect to undertake study abroad during third year shall follow an approved curriculum which is equivalent to that specified in these regulations.

### 11036.UG.55 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EM 401 | Individual Project | 4 | 40 |
| EM 402 | Systems Engineering | 4 | 20 |

Optional Classes

10 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| ME 415 | Strategic Analysis of Engineering |  | |
|  | Business Case Studies | 4 | 10 |
| ME 416 | Engineering Ethics | 4 | 10 |

50 credits comprised from modules listed in Regulation 11036.UG.6 and Regulation 11048.UG.9

Optional Classes

Optional Classes in Fourth Year and Fifth Year must be approved by the Course Director and achieve an acceptable balance between the two disciplines. Normally no fewer than 40 credits at Level 4 or above must be taken from optional classes taught by each of the two associated Departments: Electronic and Electrical Engineering, and Mechanical and Aerospace Engineering.

Optional Classes at Level 4

***Electronic and Electrical Engineering*** As specified in Regulation 11036.UG.6 ***Mechanical and Aerospace Engineering*** As specified in Regulation 11048.UG.9

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

#### MEng in Electrical and Mechanical Engineering with International Study

Students who elect to undertake study abroad during fourth year shall follow an approved curriculum which is equivalent to that specified in these regulations.

### 11036.UG.56 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EM 501 | Group Project | 5 | 40 |
| EM 502 | Advanced Systems Engineering | 5 | 20 |

Optional Classes

60 credits comprised from modules listed in Regulation 11036.UG.6 and Regulation 11048.UG.10

#### MEng in Electrical and Mechanical Engineering with International Study

Students who elect to undertake study abroad during fifth year shall follow an approved curriculum which is equivalent to specified in these regulations.

### Optional Classes

Optional Classes in Fourth Year and Fifth Year must be approved by the Course Director and achieve an acceptable balance between the two disciplines. Normally no fewer than 40 credits at Level 4 or above must be taken from optional classes taught by each of the two associated Departments: Electronic and Electrical Engineering, and Mechanical and Aerospace Engineering.

Optional Classes at Level 5

***Electronic and Electrical Engineering*** As specified in Regulation 11036.UG.6 ***Mechanical and Aerospace Engineering*** As specified in Regulations 11048.UG.10

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

**11036.UG.57** To progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11036.UG.58** To progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11036.UG.59** To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11036.UG.60** To progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations) and must include the Individual Project.

#### MEng in Electrical and Mechanical Engineering with International Study

**11036.UG.61** In order to progress to a period of study abroad, a student must normally have passed all classes from the course curriculum. Any student who does not meet this requirement may be required to transfer to another course not requiring study abroad.

### 11036.UG.62 Final Assessment and Classification

The final classification for the chosen degree in Electrical and Mechanical Engineering will normally be based on the first assessed attempt at compulsory and optional classes taken in the fourth and fifth years.

### Award

**11036.UG.63 MEng:** In order to qualify for the award of the degree of MEng in Electrical and Mechanical Engineering, a candidate must have accumulated no fewer than 630 credits from the course curriculum including those for the *Individual Project EM 401* and the *Group Project EM 501*.

**11036.UG.64 MEng in Electrical and Mechanical Engineering with International Study:** In order to qualify for the award of the degree of MEng in Electrical and Mechanical Engineering with International Study, a candidate must have accumulated no fewer than 630 credits from the course curriculum and must normally have undertaken successfully no fewer than 30 weeks of approved study abroad.

**11036.UG.65 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Electrical and Mechanical Engineering, a candidate must have accumulated no fewer than 510 credits from the course curriculum including those for the *Individual Project EM401*

**11036.UG.66 BEng:** In order to qualify for the award of the degree of BEng in Electrical and Mechanical Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11036.UG.67 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Electrical and Mechanical

Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11036.UG.68 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Electrical and Mechanical Engineering Regulation UG.1.78 shall apply (see General Undergraduate Regulations).

# DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

## ELECTRONIC AND ELECTRICAL ENGINEERING

**MEng in Electronic and Electrical Engineering MEng in Electronic and Electrical Engineering with Business Studies**

**MEng in Electronic and Electrical Engineering with International Study**

**MEng in Electrical Energy Systems MEng in Electronic and Digital Systems**

**BEng with Honours in Electronic and Electrical Engineering BEng in Electronic and Electrical Engineering**

**Diploma of Higher Education in Electronic and Electrical Engineering**

**Certificate of Higher Education in Electronic and Electrical Engineering**

**Course Regulations**

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

### 11036.UG.1 Mode of Study

The courses are available by full-time study only.

### 11036.UG.2 Place of Study

The MEng in Electronic and Electrical Engineering with International Study requires study at an approved institution abroad. Such study will normally extend over a minimum period of 30 weeks. Subject to availability of an approved curriculum (including any project), study abroad can be undertaken during third, fourth or fifth years of the course. Study abroad may comprise two exchanges with different institutions of one semester each, not necessarily during the same year.

### Curriculum

**11036.UG.3 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| 56 110 | Engineering Industry and Profession | 1 | 10 |
| EE 105 | Electronic and Electrical Techniques and |  |  |
|  | Design 1 | 1 | 20 |
| EE 106 | Engineering Design for Software |  |  |
|  | Development 1 | 1 | 20 |
| EE 107 | Electronic and Electrical Principles 1 | 1 | 20 |

|  |  |  |
| --- | --- | --- |
| MM 113 | Engineering Mathematics 1E | 1 20 |
| MM 114 | Engineering Mathematics 2E | 1 20 |
| PH 167 | Physical Electronics | 1 10 |

### 11036.UG.4 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 56 213 | Engineering Design and Manufacture | 2 | 10 |
| PH 260 | Physical Electronics | 2 | 10 |
| 19 207 | Electromagnetism | 2 | 10 |
| EE 269 | Electronic and Electrical Principles 2 | 2 | 20 |
| EE 270 | Digital Electronic Systems | 2 | 20 |
| EE 271 | Electronic and Electrical Techniques and |  |  |
|  | Design 2 | 2 | 10 |
| EE 273 | Engineering Design for Software |  |  |
|  | Development 2 | 2 | 20 |
| MM 213 | Engineering Mathematics 3E | 2 | 20 |

### 11036.UG.5 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EE 320 | Signals and Communications Systems | 3 | 20 |
| EE 311 | Electronic and Electrical Principles 3 | 3 | 20 |
| EE 312 | Instrumentation and Microcontrollers | 3 | 20 |
| EE 313 | Engineering Analysis | 3 | 20 |
| 56 324 | Engineering Innovation and |  |  |
|  | Management | 3 | 10 |
| EE 318 | Engineering Project | 3 | 10 |

Elective Classes 20

### MEng in Electronic and Electrical Engineering with International Study

Students who elect to undertake study abroad during third year shall follow an approved curriculum which is equivalent to that specified in these regulations.

### 11036.UG.6 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

19 496 Project 4 40

Optional Classes

80 credits appropriate to the chosen course. ***BEng in Electronic and Electrical Engineering*** Optional classes chosen from Lists A, B and C ***MEng in Electronic and Electrical Engineering*** Optional classes chosen from Lists A, B and C

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

#### MEng in Electronic and Electrical Engineering with Business Studies

Optional classes chosen from Lists A, B and C.

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

#### MEng in Electronic and Electrical Engineering with International Study

Optional classes chosen from Lists A, B and C

Students are permitted to incorporate up to 20 credits of classes in foreign language or otherwise relevant to international study, approved by the Course Director.

Students who elect to undertake study abroad during fourth or fifth year shall follow an approved curriculum which is equivalent to that specified in these regulations.

#### MEng in Electrical Energy Systems

Compulsory Class If not already taken

EE 317 Renewable Energy Technologies 3 20

Optional classes chosen from At Levels 3 and 4, Lists A and C

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

#### MEng in Electronic and Digital Systems

Compulsory Class If not already taken

EE 315 Analogue and Digital System Design 3 20 Optional classes chosen from

At Levels 3 and 4, Lists B and C

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

Optional Classes at Level 4

|  |  |  |  |
| --- | --- | --- | --- |
| ***List A:*** | ***Electrical Energy Systems*** |  | |
| EE 466 | Power Electronics, Machines and Applications | 4 | 20 |
| EE 467 | Power System Design, Operation and Protection | 4 | 20 |
| ***List B:*** | ***Electronic and Digital Systems*** |  |  |
| EE 468 | Advanced Digital Signal Processing | 4 | 20 |
| EE 469 | Advanced Microcontroller Applications | 4 | 20 |
| EE 470 | DSP and FPGA-based Embedded | 4 | 20 |
| ***List C:*** | ***General*** |  |  |
| EE 315 | Digital and Analogue Systems | 3 | 20 |
| EE 317 | Renewable Systems | 3 | 20 |
| EE 471 | Communications Networks | 4 | 20 |
| EE 472 | Control Principles | 4 | 20 |
| EE 473 | Photonic Systems | 4 | 20 |
| EE 474 | Robotic Systems | 4 | 20 |
| EE 579 | Advanced Microcontroller Applications | 5 | 20 |

#### MEng in Electronic and Electrical Engineering with International Study

In order to progress to a period of study abroad, a student must normally have passed all classes from the course curriculum. Any student who does not meet this requirement may be required to transfer to another course not requiring study abroad.

### Fifth Year

All students shall undertake classes amounting to 120 credits as follows:

Compulsory Classes

19 520 Group Project 5 40

Optional Classes

80 credits appropriate to the chosen course.

Optional classes must, over fourth and fifth years, incorporate no fewer than 140 credits at Level 4 and above and no fewer than 80 credits at Level 5.

#### MEng in Electronic and Electrical Engineering

Optional classes chosen from Lists A, B and C

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

#### MEng in Electronic and Electrical Engineering with Business Studies

Optional classes chosen from Lists A, B and C

With students required to incorporate 20 credits of business studies:

MS 952 Regulation and Competition in

Network Industries 5 20

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

#### MEng in Electronic and Electrical Engineering with International Study

Optional classes chosen from Lists A, B and C

Students permitted to incorporate up to 20 credits of classes in foreign language or otherwise relevant to international study, approved by the Course Director.

Students who elect to undertake study abroad during four or fifth years shall follow an approved curriculum which is equivalent to that specified in these regulations.

#### MEng in Electrical Energy Systems

Optional classes chosen from Lists A and C

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

#### MEng in Electronic and Digital Systems

Optional classes chosen from

Optional classes chosen from Lists B and C

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

Optional Classes at Level 5

|  |  |  |  |
| --- | --- | --- | --- |
| ***List A:*** | ***Electrical Energy Systems*** |  | |
| EE 573 | Advanced Power System Analysis and Protection | 5 | 20 |
| EE 574 | High Voltage Technology and Electromagnetic Compatibility | 5 | 20 |
| EE 575 | Power Electronics for Energy and Drive Control | 5 | 20 |
| EE 576 | Power System Economics, Markets and Asset Management | 5 | 20 |
| EE 577 | Wind Energy and Distributed Energy Resources | 5 | 20 |
| ***List B:*** | ***Electronic and Digital Systems*** |  |  |
| EE 578 | Advanced Digital Signal Processing | 5 | 20 |
| EE 579  EE 580 | Advanced Microcontroller Applications DSP and FPGA-based Embedded System Design | 5  5 | 20  20 |
| EE 581 | Image and Video Processing | 5 | 20 |
| ***List C:*** | ***General*** |  |  |
| EE 582 | Control Techniques | 5 | 20 |

EE 583 Mobile and Wireless Networks 5 20

#### MEng in Electronic and Electrical Engineering with International Study

In order to progress to a period of study abroad, a student must normally have passed all classes from the course curriculum. Any student who does not meet this requirement may be required to transfer to another course not requiring study abroad.

### Progress

**11036.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11036.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11036.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11036.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### 11036.UG.11 Final Assessment and Classification

The final classification of the chosen course in Electronic and Electrical Engineering will normally be based on the first attempt at compulsory and optional classes taken in the fourth and fifth years.

### Award

**11036.UG.12 MEng:** In order to qualify for the award of the degree of MEng in the chosen course Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations) and must include the *Individual Project* 19 496 and the *Group Project 19 520.*

**11036.UG.13 MEng in Electronic and Electrical Engineering with International Studies:** Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations) and a candidate must have undertaken successfully no fewer than 30 weeks of approved study abroad.

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**11036.UG.14 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Electronic and Electrical Engineering Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include the *Individual Project* 19 496.

**11036.UG.15 BEng:** In order to qualify for the award of the degree of BEng in Electronic and Electrical Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11036.UG.16 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Electronic and Electrical

Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11036.UG.17 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Electronic and Electrical Engineering Regulation 00001.UG.78 shall apply (see General Undergraduate Regulations).

## FACULTY OF ENGINEERING

### Graduate Diploma in Electronic and Electrical Engineering Course Regulations

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

### Admission

**11036.GD.1** Regulation 00001. GD.1 shall apply (see General Undergraduate Regulations).

### Duration of Study

**11036.GD.2** Regulations 00001. GD.5 and 00001. GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**11036.GD.3** The courses are available by full-time and part-time study.

### Curriculum

**11036.GD.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 11036. GD.4

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

**11036.GD.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.

**11036.GD.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

**11036.GD.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.

# FACULTY OF ENGINEERING

## ENGINEERING: DESIGN AND MANUFACTURE

**BEng with Honours in Engineering: Design and Manufacture BEng in Engineering: Design and Manufacture**

**Diploma of Higher Education in Engineering: Design and Manufacture**

**Certificate of Higher Education in Engineering: Design and Manufacture**

**Course Regulations**

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

### 13000.UG.44 Mode of Study

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

### Curriculum

**13000.UG.45 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EO | 101 | Mathematics and Numerical Tools 1 | 1 | 30 |
| EO | 102 | Design and Production 1 | 1 | 30 |
| EO | 103 | Mechanical Engineering Systems 1 | 1 | 30 |
| EO | 104 | Electronic and Electrical Engineering |  |  |
|  |  | Systems 1 | 1 | 30 |

### 13000.UG.46 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EO | 201 | Mathematics and Numerical Tools 2 | 2 | 30 |
| EO | 202 | Design and Production 2 | 2 | 30 |
| EO | 203 | Mechanical Engineering Systems 2 | 2 | 30 |
| EO | 204 | Electronic and Electrical Engineering |  |  |
|  |  | Systems 2 | 2 | 30 |

### 13000.UG.47 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

EO 300 Engineering Design Project 3 60

Optional Classes

60 credits at Level 3 chosen from the list of optional classes in the Faculty of Engineering, as approved by the Course Director.

### 13000.UG.48 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

EO 400 Individual Project 4 60

Optional Classes

60 credits at Level 4 chosen from the list of optional classes in the Faculty of Engineering, as approved by the Course Director.

### Progress

**13000.UG.49** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**13000.UG.50** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**13000.UG.51** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Final Honours Classification

**13000.UG.52** The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional classes which are taken in third and fourth year of the course.

### Award

**13000.UG.53 BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Engineering: Design and Manufacture Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**13000.UG.54 BEng:** In order to qualify for the award of the degree of BEng in Engineering: Design and Manufacture Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**13000.UG.55 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Engineering: Design and

Manufacture Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**13000.UG.56 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Engineering: Design and Manufacture 00001.Regulation UG.1.78 shall apply (see General Undergraduate Regulations).

FACULTY OF ENGINEERING

FACULTY COURSES

ENGINEERING STUDIES

BEng in Engineering Studies

Diploma of Higher Education in Engineering Studies

Certificate of Higher Education in Engineering Studies

Course Regulations

[These regulations are to be read in conjunction with [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)]

13000.UG.1 Status of the Courses

The courses are offered to BEng degree level only. All students are normally admitted in the first instance as potential Honours students on another degree course within the Faculty of Engineering. Transfer to the BEng in Engineering Studies is possible at any time.

13000.UG.2 Mode of Study

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

Curriculum (Full-time study)

13000.UG.3 First Year

All students shall undertake classes amounting to 120 credits as follows

Optional Classes Level Credits

Engineering Classes 1 100

Elective Class(es) 20

**13000.UG.4 Second Year**

All students shall undertake classes amounting to 120 credits as follows

Optional Classes Level Credits

Engineering Classes 2 60

Engineering Classes 1 or 2 40

Elective Class(es) 20

13000.UG.5 Third Year

All students shall undertake classes amounting to 120 credits as follows

Optional Classes Level Credits

Engineering Classes 3 60

Engineering Classes 2 or 3 40

Elective Class(es) 20

Curriculum (Part-time study)

**13000.UG.6** Students studying on a part-time basis will normally take classes amounting to 60 credits in each year.

Progress (Full-time study)

**13000.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

**13000.UG.8**  In order to progress to the third year of the course, Regulation 00001.UG.1.44 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

**Progress (Part-time study)**

**13000.UG.9**  Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

Award

**13000.UG.10**  **BEng:** In order to qualify for the award of the degree of BEng in Engineering Studies Regulation 00001.UG.1.76 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

**13000.UG.11 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Engineering Studies Regulation 00001.UG.1.77 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

**13000.UG.12 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education Regulation 00001.UG.1.78 shall apply (see [General Undergraduate Regulations](http://www.strath.ac.uk/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf)).

# DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

## MECHANICAL ENGINEERING

**MEng in Aero-Mechanical Engineering MEng in Mechanical Engineering**

**MEng in Mechanical Engineering with Aeronautics**

**MEng in Mechanical Engineering with Financial Management MEng in Mechanical Engineering with Materials Engineering MEng in Mechanical Engineering with International Study BEng with Honours in Aero-Mechanical Engineering**

**BEng with Honours in Mechanical Engineering BEng with Honours in Mechanical Engineering with International Study**

**BEng in Mechanical Engineering**

**Diploma of Higher Education in Mechanical Engineering Certificate of Higher Education in Mechanical Engineering**

**Course Regulations**

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

### 11048.UG.1 Mode of Study

The courses are available by full-time study only.

### 11048.UG.2 Place of Study

The MEng and BEng with Honours in Mechanical Engineering with International Study requires study at an approved institution abroad. Such study will normally extend over a minimum period of 30 weeks.

### Curriculum

**11048.UG.3 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| 16 132 | Engineering Mechanics 1 | 1 | 20 |
| ME 108 | Engineering Analysis and |  |  |
|  | Numerical Methods | 1 | 10 |
| EE 108 | Electrical Circuits | 1 | 10 |
| ME 101 | Heat and Flow 1 | 1 | 10 |
| ME 107 | Experimental and Laboratory |  |  |
|  | Skills | 1 | 10 |
| ME 105 | Mechanical Engineering Design | 1 | 20 |
| MM 117 | Mathematics 1M | 1 | 20 |

Elective Class(es) 20

### 11048.UG.4 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 16 232 | Engineering Mechanics 2 | 2 | 20 | |
| 16 288 | Professional Studies | 2 | 10 | |
| 19 222 | Electrical Machines and Control | 2 | 10 | |
| ME 203 | Heat and Flow 2 | 2 | 20 | |
| ME 209 | Mathematical Modelling and Analysis | 2 | 20 | |
| ME 212 | Materials Engineering and Design | 2 | 10 | |
| ME 214 | Mechanical Engineering Design 2 | 2 | 10 | |
| together with classes appropriate to the chosen course | | |  |  |
| ***Mechanical Engineering***  ***Mechanical Engineering with International Study Mechanical Engineering with Materials Engineering*** | | |  |  |
| Elective Class(es) | | |  | 20 |
| ***Aero-Mechanical Engineering*** | | |  |  |
| 16 231 Flight and Spaceflight 1 | | | 2 | 10 |
| ME 201 Aero Design and Flight Test | | | 2 | 10 |

#### Mechanical Engineering with Aeronautics

|  |  |  |  |
| --- | --- | --- | --- |
| 16 231 | Flight and Spaceflight 1 | 2 | 10 |
| 16 259 | Aero-Design 1 | 2 | 10 |

***Mechanical Engineering with Financial Management***

AG 151 Introduction to Finance and Accounting 1 20

### 11048.UG.5 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 16 361 | Dynamics and Control | 3 | 20 |
| 16 363 | Engineering Analysis 3 | 3 | 20 |
| ME 301 | Heat and Flow 3 | 3 | 20 |
| 16 327 | Structural Mechanics | 3 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| ME 415 | Strategic Analysis of Engineering |  | |
|  | Business Case Studies | 4 | 10 |
| ME 416 | Engineering Ethics | 4 | 10 |

together with classes appropriate to the chosen course

***Aero-Mechanical Engineering***

***Mechanical Engineering with Aeronautics***

|  |  |  |  |
| --- | --- | --- | --- |
| 16 351 | Flight and Spaceflight 2 | 3 | 10 |
| 16 309 | Aero-Design 2 | 3 | 20 |

***Mechanical Engineering***

***Mechanical Engineering with Financial Management Mechanical Engineering with Materials Engineering Mechanical Engineering with International Study***

|  |  |  |
| --- | --- | --- |
| ME 312 | Mechanical Design 3A | 3 10 |
| ME 313 | Mechanical Design 3B | 3 20 |

***Mechanical Engineering with International Study***

Students who elect to undertake study abroad in their third year must do so at an approved institution and shall follow an approved curriculum reflecting that undertaken by students taking the Mechanical Engineering course. Such study will normally extend over a minimum period of 30 weeks

### 11048.UG.6 Fourth Year

All students will undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 16 402 | Case Studies in Engineering | 4 | 10 |
| 16 429 | Computer Aided Engineering Design | 4 | 20 |
| ME 403 | Engineering Materials Selection | 4 | 10 |
| ME 405 | Heat and Flow 4 | 4 | 10 |
| ME 414 | Advanced Mechanics and Dynamics | 4 | 20 |

together with classes appropriate to the chosen course

#### Aero-Mechanical Engineering

|  |  |  |  |
| --- | --- | --- | --- |
| ME 420 | Individual Project - Aerospace | 4 | 40 |
| ME 425 | Aerospace Propulsion | 4 | 10 |

ME420 Individual Project - Aerospace can be used to contribute towards a Vertically Integrated Project.

#### Mechanical Engineering with Aeronautics

|  |  |  |  |
| --- | --- | --- | --- |
| ME 409 | Individual Project | 4 | 40 |
| ME 425 | Aerospace Propulsion | 4 | 10 |

ME409 Individual Project can be used to contribute towards a Vertically Integrated Project.

#### Mechanical Engineering

***Mechanical Engineering with Financial Management Mechanical Engineering with Material Engineering Mechanical Engineering with International Study***

|  |  |  |
| --- | --- | --- |
| ME 404 | Energy Systems Modelling | 4 10 |
| ME 409 | Individual Project | 4 40 |

ME 409 Individual Project can be used to contribute towards a Vertically Integrated Project.

### 11048.UG.7 Fifth Year

All students, with the exception of those who elect to spend fifth year of studies abroad, shall undertake 120 level 5 credits as follows

#### Aero-mechanical Engineering

Compulsory Classes

ME 525 MEng Group Project – Aerospace 5 40

together with 80 credits of optional classes chosen from the list below.

#### Mechanical Engineering

***Mechanical Engineering with Aeronautics Mechanical Engineering with International Study***

Compulsory Class

ME 519 Group Project 5 40

together with 80 credits of optional classes chosen from the list below.

#### Mechanical Engineering with Financial Management

Compulsory Classes

ME 519 Group Project 5 40

ME 515 Finance for Mechanical Engineers 5 60

together with 20 credits of optional classes chosen from the list below.

### Class Combinations

ME 515 Finance for Mechanical Engineers 5 60

Finance classes at an appropriate level as may be approved by the Adviser of Study.

#### Mechanical Engineering with Materials Engineering

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| ME 519 | Group Project | 5 | 40 |
| 16 565 | Engineering Composites | 5 | 10 |
| ME 523 | Polymer and Polymer Composites | 5 | 10 |

together with 60 credits of optional classes chosen from the list below.

ME519 Group Project or ME525 MEng Group Project - Aerospace can be used to contribute towards a Vertically Integrated Project.

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

Students who elect to undertake their period of study abroad in fifth year must do so at an institution acceptable to the Head of Department and shall be registered for ME524 – MEng Group Project Abroad.

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| 16 565 | Engineering Composites | 5 | 10 |
| 16 587 | Pressurised Systems | 5 | 10 |
| 16 599 | Aerodynamic Propulsion Systems | 5 | 10 |
| ME 505  ME 507 | Machine Dynamics  Machinery Diagnosis and Condition Monitoring | 5  5 | 10  10 |
| ME 511 | Mathematical Modelling in |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Engineering Science | 5 | 10 |
| ME 512  ME 514 | Spaceflight Mechanics  Advanced Topics in Fluid Systems Engineering | 5  5 | 10  10 |
| ME 517 | Spaceflight Systems | 5 | 10 |
| ME 520 | Advanced Research Project A | 5 | 10 |
| ME 521 | Advanced Research Project B | 5 | 20 |
| ME 523 | Polymer and Polymer Composites | 5 | 10 |
| ME 526  ME 527 | Engineering Plasticity Introduction to Engineering Optimisation | 5  5 | 10  10 |
| ME 528 | Control Systems Design | 5 | 10 |
| ME 529 | Aerodynamics in C | 5 | 10 |
| ME 5XX | Aero-acoustics | 5 | 10 |

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

### Progress

**11048.UG.8** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11048.UG.9** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11048.UG.10** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11048.UG.11** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

**11048.UG.12** Progress to a period of study abroad is dependent on passing all compulsory classes. A student registered for the Mechanical Engineering with International Study course who does not meet this requirement at this stage will be required to transfer to another course.

### 11048.UG.13 Final Assessment and Classification

The final classification for the chosen degree will normally be based on the first assessed attempt at compulsory and specified optional classes in the second, third, fourth and fifth years.

### Award

**11048.UG.14 MEng:** In order to qualify for the award of the degree of MEng in Aero-Mechanical Engineering or the MEng in Mechanical Engineering or the MEng in Mechanical Engineering with

International Study, or the MEng in Mechanical Engineering in the chosen specialisation Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations). A candidate for the award of MEng in Mechanical Engineering with International Study in addition must have undertaken no fewer than 30 weeks of approved study abroad.

**11048.UG.15 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in the chosen course Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**11048.UG.16 BEng with Honours in Mechanical Engineering with International Study:** In order to qualify for the award of BEng with Honours in Mechanical Engineering with International Study, in addition to satisfying the provisions of Regulation 00001.UG.1.75 (see General Undergraduate Regulations), a student must have spent 30 weeks of approved study abroad.

**11048.UG.17 BEng:** In order to qualify for the award of the degree of BEng in Mechanical Engineering Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11048.UG.18 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mechanical Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11048.UG.19 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mechanical Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Graduate Diploma in Mechanical and Aerospace Engineering

**Course Regulations**

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

### Admission

**11048.GD.1** Regulation 00001.GD.1 shall apply (see General Undergraduate Regulations).

### Duration of Study

**11048.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**11048.GD.3** The courses are available by full-time and part-time study.

### Curriculum

**11048.GD.4** All students shall undertake an approved curriculum of no fewer than 120 credits as follows

Compulsory Classes

Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| ME 421 | Graduate Diploma Individual Project | 4 | 40 |
| 16 402 | Case Studies in Engineering | 4 | 10 |
| 16 429 | Computer Aided Engineering Design | 4 | 20 |
| ME 403 | Engineering Materials Selection | 4 | 10 |
| ME 405 | Heat and Flow 4 | 4 | 10 |
| ME 414 | Advanced Mechanics and Dynamics | 4 | 20 |

Optional Classes

10 credits chosen from the list in Regulation 11036.GD.5

**11036.GD.5** Optional Classes at Level 4

ME 410 Aerodynamic Performance 4 10

ME 404 Energy Systems Modelling 4 10

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

### Examination, Progress and Final Assessment

**11036.GD.6** 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.

**11036.GD.7** 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

**11036.GD.8 Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Mechanical and Aerospace Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits from Level 4 of which 40 credits must have been awarded in respect of the Individual Project ME 421.

## DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

### Graduate Diploma in Mechanical and Aerospace Engineering

**Course Regulations**

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

### Admission

**11048.GD.1** Regulation 00001.GD.1 shall apply (see General Undergraduate Regulations).

### Duration of Study

**11048.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**11048.GD.3** The courses are available by full-time and part-time study.

### Curriculum

**11048.GD.4** All students shall undertake an approved curriculum of no fewer than 120 credits as follows

Compulsory Classes

Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| ME 421 | Graduate Diploma Individual Project | 4 | 40 |
| 16 402 | Case Studies in Engineering | 4 | 10 |
| 16 429 | Computer Aided Engineering Design | 4 | 20 |
| ME 403 | Engineering Materials Selection | 4 | 10 |
| ME 405 | Heat and Flow 4 | 4 | 10 |
| ME 414 | Advanced Mechanics and Dynamics | 4 | 20 |

Optional Classes

10 credits chosen from the list in Regulation 11036.GD.5

**11036.GD.5** Optional Classes at Level 4

ME425 Aerospace Propulsion 4 10

ME 404 Energy Systems Modelling 4 10

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

### Examination, Progress and Final Assessment

**11036.GD.6** 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.

**11036.GD.7** 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

**11036.GD.8 Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Mechanical and Aerospace Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits from Level 4 of which 40 credits must have been awarded in respect of the Individual Project ME 421.

# DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

## NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

**MEng in Naval Architecture and Marine Engineering MEng in Naval Architecture with Ocean Engineering**

**MEng in Naval Architecture with High Performance Marine Vehicles**

**BEng with Honours in Naval Architecture and Marine Engineering**

**BEng with Honours in Naval Architecture with Ocean Engineering**

**BEng with Honours in Naval Architecture with High Performance**

**Marine Vehicles**

**BEng in Naval Architecture and Marine Engineering BEng in Naval Architecture with Ocean Engineering**

**BEng in Naval Architecture with High Performance Marine Vehicles**

**Diploma of Higher Education in Naval Architecture and Marine Engineering**

**Certificate of Higher Education in Naval Architecture and Marine Engineering**

**Course Regulations**

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

### 11132.UG.1 Mode of Study

The courses are available by full-time study only.

### Curriculum

**11132.UG.2 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| 16 132 | Engineering Mechanics 1 | 1 | 20 |
| NM 102 | Introduction to Naval Architecture |  |  |
|  | and Marine Engineering | 1 | 20 |
| NM 103 | Analysis Tools for Marine Design | 1 | 20 |
| MM 111 | Mathematics 1B | 1 | 20 |
| MM 112 | Mathematics 2B | 1 | 20 |

Elective Class(es) 20

### 11132.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 209 | Principles of Marine Design and |  |  |
|  | Production | 2 | 20 |
| NM 210 | Analysis and Design of Marine |  |  |
|  | Structures 1 | 2 | 20 |
| NM 211 | Engineering Applications for Naval |  |  |
|  | Architects and Marine Engineers | 2 | 20 |
| NM 212 | Hydrostatics and Stability of Marine |  |  |
|  | Vehicles | 2 | 20 |
| NM 213 | Marine Engineering Fundamentals | 2 | 20 |
| MM 211 | Mathematics 3B | 2 | 20 |

### 11132.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 312 | Analysis and Design of Marine |  | |
|  | Structures 2 | 3 | 20 |
| NM 313 | Hydrodynamics, Resistance |  |  |
|  | and Propulsion | 3 | 20 |
| NM 314 | Marine Design | 3 | 20 |
| NM 316 | Marine Engineering Systems |  |  |
|  | and Control | 3 | 20 |
| NM 335 | Business Concepts and International |  |  |
|  | Merchant Shipping | 3 | 10 |
| NM 323 | The Marine Environment | 3 | 10 |

Optional Classes

10 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| NM 327 | Professional Development | 3 | 10 |
| EF 300 | STEM Engagement and Support | 3 | 10 |

together with classes appropriate to the chosen course: ***Naval Architecture and Marine Engineering*** Compulsory Class

NM 324 Principles and Application of

Marine Machinery 3 10

#### Naval Architecture with Ocean Engineering

Compulsory Class

NM 325 Offshore Oil and Gas Production

Systems 3 10

#### Naval Architecture with High Performance Marine Vehicles

Compulsory Class

NM 305 Yacht and Powercraft Design 3 10

### 11132.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 423 | Seakeeping and Manoeuvring | 4 | 20 |
| NM 402 | Theory and Practice of Marine CFD | 4 | 10 |
| 21452 | Finite Element Analysis of Marine |  |  |
|  | Structures | 4 | 10 |

together with classes appropriate to the chosen course ***Naval Architecture and Marine Engineering*** Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 421 | Marine Power and Electrical Systems | 4 | 20 |
| NM 428 | Marine Engineering Project | 4 | 40 |
| NM 415 | Marine Refrigeration and Air |  |  |
|  | Conditioning | 4 | 10 |
| NM 409 | Marine Transmission and Propulsion |  |  |
|  | Systems | 4 | 10 |

#### Naval Architecture with Ocean Engineering

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 430 | Ocean Engineering Project | 4 | 40 |
| NM 404 | Ship Structural Dynamics | 4 | 10 |
| NM 435 | Structural Reliability | 4 | 10 |
| NM 436 | Dynamics of Offshore Structures | 4 | 20 |

#### Naval Architecture with High Performance Marine Vehicles

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 438 | High Performance Marine Structures | 4 | 20 |
| NM 439 | High Performance Sailing Yachts | 4 | 10 |
| NM 437 | High Speed Ships | 4 | 10 |
| NM 440 | High Performance Marine Vehicles |  |  |
|  | Project | 4 | 40 |

### 11132.UG.6 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| NM 502 | Group Design Project | 5 | 40 |
| NM 532 | Shipping Economics and Market Sector |  |  |
|  | Analysis | 5 | 10 |
| 21551 | The Marine Regulatory Framework | 5 | 10 |
| NM 527 | Advanced Marine Design | 5 | 10 |
| NM 528 | Maritime Safety and Risk | 5 | 10 |

together with classes appropriate to the chosen course

***Naval Architecture and Marine Engineering***

|  |  |  |  |
| --- | --- | --- | --- |
| 21525 | Advanced Marine Engineering | 5 | 10 |
| NM 524 | On-board Energy Management and |  |  |
|  | Environment Protection | 5 | 10 |

***Naval Architecture with Ocean Engineering***

|  |  |  |  |
| --- | --- | --- | --- |
| NM 513 | Design and Construction of FPSO’s | 5 | 10 |
| NM 521 | Riser and Mooring Lines | 5 | 10 |

***Naval Architecture with High Performance Marine Vehicles***

|  |  |  |  |
| --- | --- | --- | --- |
| NM 529 | Ship Operability and Control | 5 | 10 |
| NM 530 | Ship Powering in Service | 5 | 10 |

Optional Classes

No fewer than 20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| NM 522 | Renewable Marine Energy Systems | 5 | 10 |
| NM 523 | Systems Availability and Maintenance | 5 | 10 |

And depending on the degree

#### Naval Architecture and Marine Engineering

21526 Marine Engineering Simulation

& Modelling 5 10

#### Naval Architecture with Ocean Engineering

NM 801 Marine Pipeline Integrity 5 10

#### Naval Architecture with High Performance Marine Vehicles

21518 Computational Free Surface

Hydrodynamics 5 10

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

### Progress

**11132.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**11132.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**11132.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**11132.UG.10** In order to progress to the fifth year of the chosen course in addition to satisfying the requirements of Regulation 00001.UG.1.46 (see General Undergraduate Regulations), a student must also gain passes in one of the following classes: *NM 428 Marine Engineering Project* or *NM 430 Ocean Engineering Project* or *NM 440 High Performance Marine Vehicles Project* as appropriate*.*

### 11132.UG.11 Final Assessment and Classification

The final classification for the chosen course will normally be based on the first assessed attempt at compulsory and specified optional classes taken in the third, fourth and fifth years.

### Award

**11132.UG.12 MEng:** In order to qualify for the award of the degree of MEng in the chosen course Regulation 00001.UG.1.74 shall apply (see General Undergraduate Regulations) and must include *NM 502 Group Design Project and either NM 428 Marine Engineering Project or NM 430 Ocean Engineering Project or NM 440 High Performance Marine Vehicles Project* as appropriate.

**11132.UG.13 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in the chosen course Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must *NM 428 Marine Engineering Project* or *NM 430 Ocean Engineering Project* or *NM 440 High Performance Marine Vehicles Project* as appropriate.

**11132.UG.14 BEng**: In order to qualify for the award of the degree of BEng in the chosen course Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**11132.UG.15 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Naval Architecture and Marine Engineering Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**11132.UG.16 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Naval Architecture and Marine Engineering Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## 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 General

Undergraduate Regulations]

### Admission

**11132.GD.1** Regulation 00001. GD.1 shall apply (see General Undergraduate Regulations).

### Duration of Study

**11132.GD.2** Regulations 00001. GD.5 and 00001. GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**11132.GD.3** The courses are available by full-time and part-time study.

### Curriculum

**11132.GD.4** All students shall undertake an approved curriculum of no fewer than 120 credits as follows:

Compulsory Class Level Credits NM 442 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

**11132.GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Dissertation.

**11132.GD.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

**11132.GD.7 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 Diploma Project.

## 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

00001.GD]

### Admission

**11132.GD.1** Regulation 00001.GD.1 shall apply.

### Duration of Study

**11132.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply.

### Mode of Study

**11132.GD.3** The courses are available by full-time and part-time study.

### Curriculum

**11132.GD.4** All students shall undertake an approved curriculum of no fewer than 120 credits as follows:

Compulsory Class Level Credits NM 442 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

**11132.GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the course work and in the Dissertation.

**11132.GD.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

**11132.GD.7 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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## CENTRE FOR LIFELONG LEARNING OPEN STUDIES

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.

**Open Studies Certificate (Named Pathway)**

**Certificate of Higher Education in Lifelong Learning in Humanities**

**Certificate of Higher Education in Lifelong Learning in Creative Arts**

**15420.UG.1 Course Regulations**

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

### 15420.UG.2 Admission

Applicants will normally be aged 18 years or over.

### 15420.UG.3 Mode of Study

The Open Studies programme is offered on a part-time basis only.

### 15420.UG.4 Period of Study

The minimum period of study is 2 semesters. Unless granted an extension of time by the Open Studies Programme Board, a student who has not qualified for the award of the Open Studies Certificate within a period of 8 semesters from the date of first registration may be required to withdraw. Unless granted an extension of time by the Open Studies Programme Board, a student who has not qualified for the award of the Certificate of Higher Education in Lifelong Learning within a period of 16 semesters from the date of first registration may be required to withdraw.

### 15420.UG.5 Credit Transfer and Recognition of Prior Learning

Regulation 0000.1.UG.1.3 shall apply (see General Undergraduate Regulations). Where exemption is granted this shall normally not exceed 10 credits.

### 15420.UG.6 Attendance

There is a 70% attendance requirement typically applied to Open Studies classes.

### 15420.UG.7 Course Structure

The Open Studies programme offers classes in the following subject pathways:

### Creative Arts

Open Studies Certificate (Applied Arts) Open Studies Certificate (Theatre Arts)

### Humanities

Open Studies Certificate (Applied Writing) Open Studies Certificate (Humanities) Open Studies Certificate (Psychology)

Open Studies Certificate (Genealogical Studies) Open Studies Certificate (Language Studies) Open Studies Certificate (Musical Studies)

Open Studies Certificate (Adult Teaching and Learning) Open Studies Certificate (Politics and International Relations) Open Studies Certificate (Social Policy)

Open Studies Certificate (English Literature)

### 15420.UG.8 Curriculum

Students may choose from the classes listed below. 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.

### List of Approved Classes by Pathway

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Applied Arts*** |  | Level |  | Credits |
| OS 186 | Life Drawing in Colour |  | 1 | 10 |
| OS 168 | Taking Acrylics Further 3 |  | 1 | 10 |
| OS 176 | Taking Watercolours Further 4 |  | 1 | 10 |
| OS 401 | Drawing and Painting 1 |  | 1 | 10 |
| OS 402 | Drawing and Painting 2 |  | 1 | 10 |
| OS 403 | Drawing and Painting 3 |  | 1 | 10 |
| OS 641 | Learn to Draw |  | 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 Your Acrylic Paintings Further 4 | 1 | 10 |
| OS 127 | Watercolour Painting: Portfolio Class | 1 | 10 |
| OS 128 | Acrylics Painting: Portfolio Class | 1 | 10 |
| OS 196 | Introduction to Botanical Drawing | 1 | 10 |
| OS 197 | Introduction to Botanical Painting | 1 | 10 |
| OS 146 | Taking Your Botanical Drawing |  |  |
|  | & Painting Further | 1 | 10 |
| OS 147 | Taking Your Oil Painting Further 1 | 1 | 10 |
| OS 148 | Taking Your Oil Painting Further 2 | 1 | 10 |
| OS 720 | Get to Grips with Pastels | 1 | 10 |
| OS 721 | Taking Your Pastels Further | 1 | 10 |
| OS 722 | Drawing and Painting Landscapes | 1 | 10 |

***Applied Writing***

|  |  |  |  |
| --- | --- | --- | --- |
| OS 175 | Taking Creative Writing Further 3 | 1 | 10 |
| OS 167 | An Introduction to Novel Writing | 1 | 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 |
| OS 177 | Read, Write and Perform Poetry 1 | 1 | 10 |
| OS 178 | Read, Write and Perform Poetry 2 | 1 | 10 |

***Humanities and Social Sciences***

|  |  |  |  |
| --- | --- | --- | --- |
| OS 611 | How to Look at Art | 1 | 10 |
| OS 612 | How to Look at Scottish Art | 1 | 10 |
| OS 613 | How to Look at Modern Art | 1 | 10 |
| OS 623 | Philosophy for Beginners | 1 | 10 |
| OS 624 | Psychology for Beginners | 1 | 10 |
| OS 100 | Psychology and Ageing | 1 | 10 |
| OS 625 | Forensic Psychology for Beginners | 1 | 10 |
| OS 198 | Introduction to Sociology | 1 | 10 |
| OS 180 | Sociology 2 | 1 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| OS 715 | Sociology of Crime | 1 | 10 |
| ***Psychology*** |  |  |  |
| OS 003 | Open Studies Psychology 1A/B | 1 | 30 |
| ***Politics and International Relations*** | | | |
| OS 005 | Open Studies Certificate in Politics and International Relations | 1 | 30 |

***Social Policy***

OS 799 Open Studies Certificate in Social Policy 1 30

#### English

OS 716 Open Studies Certificate in English Literature 1 30

***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 |
| OS 138 | An Introduction to Heraldry | 1 | 10 |
| OS 714 | Understanding Autosomal DNA testing |  |  |
|  | for genealogy: a beginners guide | 1 | 10 |

***Language Studies***

|  |  |  |  |
| --- | --- | --- | --- |
| OS 140 | Arabic 1A | 1 | 10 |
| OS 150 | Arabic 1B | 1 | 10 |
| OS 035 | French 1A | 1 | 10 |
| OS 036 | French 1B | 1 | 10 |
| OS 132 | French 2 | 1 | 10 |
| OS 133 | French 3 | 1 | 10 |
| OS 204 | French 4 | 1 | 10 |
| OS 045 | German 1A | 1 | 10 |
| OS 046 | German 1B | 1 | 10 |
| OS 142 | German 2 | 1 | 10 |
| OS 143 | German 3 | 1 | 10 |
| OS 203 | German 4 | 1 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| OS 065 | Italian 1A | 1 | 10 |
| OS 066 | Italian 1B | 1 | 10 |
| OS 162 | Italian 2 | 1 | 10 |
| OS 163 | Italian 3 | 1 | 10 |
| OS 205 | Italian 4 | 1 | 10 |
| OS 171 | Portuguese 1A | 1 | 10 |
| OS 160 | Portuguese 1B | 1 | 10 |
| OS 172 | Portuguese 2 | 1 | 10 |
| OS 181 | Russian 1A | 1 | 10 |
| OS 156 | Russian 1B | 1 | 10 |
| OS 182 | Russian 2 | 1 | 10 |
| OS 095 | Spanish 1A | 1 | 10 |
| OS 096 | Spanish 1B | 1 | 10 |
| OS 192 | Spanish 2 | 1 | 10 |
| OS 193 | Spanish 3 | 1 | 10 |
| OS 202 | Spanish 4 | 1 | 10 |
| OS 221 | Gaelic 1A | 1 | 10 |
| OS 157 | Gaelic 1B | 1 | 10 |
| OS 231 | Japanese 1A | 1 | 10 |
| OS 170 | Japanese 1B | 1 | 10 |
| OS 232 | Japanese 2 | 1 | 10 |
| OS 004 | Japanese 3 | 1 | 10 |
| OS 241 | Polish 1A | 1 | 10 |
| OS 159 | Polish 1B | 1 | 10 |
| OS 242 | Polish 2 | 1 | 10 |
| OS 251 | Chinese (Mandarin) Stage 1A | 1 | 10 |
| OS 166 | Chinese (Mandarin) Stage 1B | 1 | 10 |
| OS 252 | Chinese (Mandarin) Stage 2 | 1 | 10 |
| OS 281 | Greek 1A | 1 | 10 |
| OS 158 | Modern Greek 1B | 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 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 | 1 | 10 |
| OS 638 | How to Write for Stage and Screen | 1 | 10 |
| OS 639 | How to Write for Film | 1 | 10 |

***Musical Studies***

OS 189 Musical Studies 1: From the Baroque to

the Romantic 1 10

OS 190 Musical Studies 2: From the Romantic to

the Modern 1 10

***Adult Teaching and Learning***

|  |  |  |
| --- | --- | --- |
| OS 136 | Principles of Adult Teaching and Learning1 | 10 |
| OS 130 | Adult Learning Theory in Practice 1 | 10 |
| OS 129 | Using Technology and Communicating |  |
|  | Effectively with Adult Learners 1 | 10 |

***Classes not attached to any Pathway***

|  |  |  |  |
| --- | --- | --- | --- |
| OS187 | Independent Study | 1 | 10 |
| OS188 | Independent Study | 1 | 20 |

***Classes not available for use towards an Open Studies Certificate or Certificate in Higher Education in Lifelong Learning***

OS 174 Access to University Study 1 30

### 15420.UG.9 Progress

Students may progress to the following year of study without the requirement to pass all classes in the previous year.

### 15420.UG.10 Award

**Open Studies Certificate**: The Open Studies Certificate may be awarded in any of the pathways named in Regulation 15420.UG.7. In order to qualify for the award, a student must have accumulated no fewer than 30 credits, with 20 of these credits from classes within one pathway. In the case of Open Studies Certificate (Language Studies), the Certificate may be awarded in a specified language.

**Certificate of Higher Education**: The Certificate of Higher Education in Lifelong Learning is issued as a named award in either Creative Arts or Humanities. Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations), and the candidate must have accumulated no fewer than 90 of 120 credits from one of either Creative Arts or Humanities Open Studies pathways, as categorised in Regulation 15420.UG.7.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION**

## CHILDHOOD PRACTICE

**BA with Honours (Hons) in Childhood Practice BA in Childhood Practice**

**Diploma of Higher Education in Childhood Practice**

**Course Regulations**

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

### 15445.UG.1 Admission

Notwithstanding Regulation 0000.1.UG.1 (see General Undergraduate Regulations), applicants will normally have achieved the equivalent of 120 credits at SHE Level 1 and be employed in a post relevant to the field of study.

Notwithstanding Regulation 00001.UG.1.3 (see General Undergraduate Regulations), direct entry to Phase 2 is available to applicants with 120 credits at SHE Level 1 and 60 credits at SHE Level 2.

Notwithstanding Regulation 00001.UG.1.3 (see General Undergraduate Regulations), direct entry to Phase 3 is available to applicants with 120 credits at SHE Level 1 and 120 credits at SHE Level 2.

### 15445.UG.2 Status of the Degree

Regulation 00001.UG.1.2 applies (see General Undergraduate Regulations). All students are normally admitted in the first instance to the Bachelor Degree.

### 15445.UG.3 Mode of Study

The courses are offered by part-time study only at the University of Strathclyde. Additionally, the courses may be delivered as an outreach course when requested by a funding local authority

### 15445.UG.4 Minimum Periods of Study

For direct entry to Second Year (Phase 1) the minimum period of study shall normally be 4 years.

For direct entry to Third Year (Phase 3) the minimum period of study shall normally be 2 years.

For direct entry to Fourth Year (Hons) (Phase 5) the minimum period of study shall normally be 2 years.

### 15445.UG.5 Maximum of Periods of Study

For direct entry to Second Year (Phase 1) the maximum period of study shall normally be 6 years.

For direct entry to Third Year (Phase 3) the maximum period of study shall normally be 4 years.

For direct entry to Fourth Year (Hons) (Phase 5) the maximum period of study shall normally be 4 years.

### Curriculum (Part-time Study)

**15445.UG.6** Students shall normally undertake classes amounting to no fewer than 60 credits in each academic session.

### The First Year Curriculum is not taught Second Year (Phase 1)

**15445.UG.7** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes Level

Credits

|  |  |  |  |
| --- | --- | --- | --- |
| X7 203 | Academic Literacy | 2 | 20 |
| X7 205 | Contemporary Childhood: A Sociological |  |  |
|  | Perspective | 2 | 20 |
| X9 298 | Children’s Rights & Social Justice | 2 | 20 |

### Second Year (Phase 2)

**15445.UG.8** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 206 Emotional and Social Development:

Observation and Working with Children 2 20

X7 204 Emotional and Social Development:

Foundations for Learning and Health 2 20

X9 299 From Deficit to Strength Based Working in Multi- Professional Teams. 2 20

### Third Year (Phase 3)

**15445.UG.9** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 335 Understanding Children’s Agency and Experiences Within Pedagogic Culture 3 20

X9 365 Promoting Playful Pedagogies in Practice

3 20

X7 337 Leading Pedagogy & the Curriculum: Working Alongside Children & Families 3 20

### Third Year (Phase 4)

**15445.UG.10** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 304 Leading Innovation and Change 3 20

X7 305 Exploring Research Methods in Childhood Practice 3 20

X9 371 Leading People: Managing the Professional

Self and Others 3 20

### Fourth Year (Phase 5)

**15445.UG.11** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 403 Cross Cultural Perspectives on Childhood Practice 4 20

40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| X7 423 | Early Childhood Specialism | 4 | 40 |
| X7 425 | Growing Up: Later Childhood | 4 | 40 |
| X7 430 | Pre Birth to Three (Specialist Pathway) | 4 | 40 |

### Fourth Year (Phase 6)

**15445.UG.12** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 422 BA (Hons) Childhood Practice Dissertation4 40 X7 429 Exploring Professional Values 4 20

### Progress

**15445.UG.13** In order to progress to the third year of the course Regulation 00001.UG.1.49 to 00001.UG.1.51 shall apply (see General Undergraduate Regulations).

**15445.UG.14** In order to progress to the third year of the course, a student must have accumulated no fewer than 220 credits from the course curriculum.

**15445.UG.15** In order to progress to the fourth year of the course, a student must have accumulated no fewer than 360 credits from the course curriculum.

### Examination and Final Assessment

**15445.UG.16** The final assessment will be based on performance in the examinations, where undertaken, and in coursework at the appropriate Levels.

### Award

**15445.UG.17 BA Hons:** In order to qualify for the award of the degree of BA with Honours in Childhood Practice Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations)

**15445.UG.18 BA:** In order to qualify for the award of the BA in Childhood Practice Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations)

**15445.UG.19 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Childhood Practice Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations)

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION**

## EDUCATION AND CURRICULAR STUDIES WITH TEACHING QUALIFICATION

### BSc with Honours in Education and Curricular Studies with Teaching Qualification

**BSc in Curricular Studies Course Regulations**

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

### 15445.UG.95 Admission

The normal qualification for entry to the course is possession of an HND in the relevant cognate subject area. Such applicants will be deemed to possess 240 credits.

1. Literacy and English at SCQF Level 6 or its equivalent; and
2. Mathematics SCQF Level 5 or its equivalent;
3. an approved standard of performance in a recognised test in English as a foreign language.

Applicants are normally required to submit to an interview.

### 15445.UG.96 Mode of Study

The course is available by full-time study only.

### 15445.UG.97 Place of Study

The first two years of study are spent at a Scottish College of Further Education.

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.

### Curriculum (Full-time study)

**15445.UG.98 First Year**

Study undertaken at a Scottish College of Further Education.

### 15445.UG.99 Second Year

Study undertaken at a Scottish College of Further Education.

### 15445.UG.100 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows:

### Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| X7 339 | Academic Literacy and Communication 1 | 3 | 20 |
| X7 345 | Professionalism and Teacher Identity 1 | 3 | 20 |
| X7 340 | Academic Literacy and Communication 2 | 3 | 20 |
| X7 346 | Professionalism and Teacher Identify 2 | 3 | 20 |

And Either:

|  |  |  |  |
| --- | --- | --- | --- |
| X7 341 | Curricular Studies 1: Home  Economics | 3 | 20 |
| and X7 342 | Curricular Studies 2: Home |  |  |
|  | Economics | 3 | 20 |
| Or |  |  |  |
| X7 343 | Curricular Studies 1: Technological Education | 3 | 20 |
| and X7 344 | Curricular Studies 2: Technological |  |  |
|  | Education | 3 | 20 |

### 15445.UG.101 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows:

### Compulsory Classes Level

**Credits**

X7 457 Education Studies; Professional Values 4 20

X7 459 Professional Learning through Enquiry 4 20 and

X7 458 Professional Skills: Curriculum and Pedagogy Home Economics 1 4 40

or

X7 456 Professional Skills: Curriculum and Pedagogy Technological Education 1 4 40

X7 460 Professional Skills: Professional Practice 4 40

### Progress

**15445.UG.102** To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Award

**15445.UG.103 BSc with Honours:** In order to qualify for the award of the degree of BSc in Education and Curricular Studies with Teaching Qualification Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15445.UG.104 BSc**: In order to qualify for the award of the degree of BSc in Curricular Studies Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF EDUCATION**

## EDUCATION AND TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

**BA with Honours (Hons) in Education and Teaching English to Speakers of Other Languages (TESOL)**

**BA in Education and Teaching English to Speakers of Other Languages (TESOL)**

**Diploma of Higher Education in Education and Teaching English to Speakers of Other Languages (TESOL)**

**Course Regulations**

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

### 15445.UG.51 Admission

Regulation 00001.UG.1.1 and 00001.UG.1.2 shall apply (see General Undergraduate Regulations). Admission to the course shall normally be to applicants who hold appropriate qualifications that would allow entry into the Second Year.

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

### 15445.UG.52 Credit Transfer and Recognition of Prior Learning

Students with appropriate qualifications may be admitted with advanced standing equivalent to 120 credits directly into the second year.

### 15445.UG.53 Mode of Study

The course is available by full-time study only.

### 15445.UG.54 Place of Study

The course includes time undertaken in experiential learning settings including schools for which students shall require a valid Protecting Vulnerable Groups Certificate from Disclosure Scotland and a Certificate of Good Conduct from their own country.

### Curriculum (Full-time study)

**15445.UG.55 First Year**

First Year is not a taught part of the course.

### 15445.UG.56 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| X9 279 | Informal Education | 2 | 20 |
| X9 280 | Learners and Learning | 2 | 20 |
| X7 209 | TESOL 1: An Introduction | 2 | 20 |
| X7 207 | Digital Technology in Language |  |  |
|  | Education | 2 | 20 |
| X7 208 | Developing Language with Communication |  |  |
|  | Skills | 2 | 20 |
| X9 173 | Placement and Curriculum | 1 | 20 |

### 15445.UG.57 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |
| --- | --- | --- |
| X7 308 History and Philosophy | 3 | 20 |
| X7 309 Social Pedagogy with Adults | 3 | 20 |
| X7 310 Children and Childhood | 3 | 20 |
| X7 348 TESOL 2: Methods, Approaches and |  |  |
| Techniques in Language Teaching | 3 | 20 |
| X7 347 Language Awareness: Knowledge about | | |
| Language | 3 | 20 |
| X7 349 Placement Learning: Community | 3 | 20 |

### 15445.UG.58 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| X7 426 | Independent Study Module | 4 | 10 |
| X7 432 | Dissertation | 4 | 20 |
| X7 433 | Social Issues in Education | 4 | 20 |
| X7 435 | Social Research Methods | 4 | 10 |
| X7 449 | Educational Representations in Film and |  |  |
|  | Literature | 4 | 20 |
| X7 454 | TESOL 3: Current Issues in Language |  |  |
|  | Education | 4 | 20 |
| X7 455 | Placement Learning: Secondary School | 4 | 20 |

### Progress

**15445.UG.59** To progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.44 (see General

Undergraduate Regulations), a student must also gain a pass in X9173 Placement and Curriculum.

**15445.UG.60** To progress to the fourth year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.45 (see General Undergraduate Regulations), a student must also gain a pass in X7 349 Placement Learning: Community.

### Award

**15445.UG.61 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Education and TESOL, in addition to satisfying the requirements of Regulation 00001.UG.1.75 (see General Undergraduate Regulations), a student must also gain a pass in X7 455 Placement Learning: Secondary School.

**15445.UG.62 BA:** In order to qualify for the award of the degree of BA in Education and TESOL Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15445.UG.63 Diploma of Higher Education**: In order to qualify for the award of the degree of Diploma of Higher Education in Education and TESOL Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF EDUCATION

**PROFESSIONAL GRADUATE DIPLOMA IN EDUCATION (PGDE)**

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

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

**Admission**

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, applicants must possess entry qualifications which meet the requirements of the GTCS Memorandum on Entry Requirements to Programmes of Initial Teacher Education in Scotland 2013.
2. An applicant possessing a qualification deemed appropriate by Senate may undertake elements of the programme in the Gaelic Medium.
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/s).
4. Applicants are normally required to submit to an interview.

**Duration of Study**

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
2. The programmes are available by full-time and part-time study.

**Place of Study**

1. The programmes involve placements in schools and other establishments for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

**Curriculum**

1. 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 programme may be undertaken in the Gaelic Medium.
2. Students are encouraged to undertake a maximum of 120 credits at Level 5 for their curriculum towards their award of PGDE. Suitably qualified secondary students may undertake Professional Skills; Curriculum and Pedagogy in one additional subject from an approved list of dual subject combinations and gain a further 40 credits at diploma level. Such students will, therefore, undertake 160 credits on their curriculum.

**Primary Specialism**

All students shall undertake an approved curriculum as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7457 | Educational Studies; Professional Values 1 | 4 | 20 |
| Or | | | |
| X9573 | Educational Studies; Professional Values 2 | 5 | 20 |
| Together with | | | |
| X7459 | Professional Learning Through Enquiry 1 | 4 | 20 |
| Or | | | |
| X9574 | Professional Learning Through Enquiry 2 | 5 | 20 |
| And | | | |
| X7495 | Professional Skills: Curriculum and Pedagogy  1 | 4 | 40 |
| Or | | | |
| X9592 | Professional Skills: Curriculum and Pedagogy  2 | 5 | 40 |
| And | | | |
| X7460 | Professional Skills: Professional Practice 1 | 4 | 40 |
| Or | | | |
| X9575 | Professional Skills: Professional Practice 2 | 5 | 40 |

**Primary Specialism in the Gaelic Medium**

All students shall undertake an approved curriculum as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3480 | Educational Studies; Professional Values  (Gaelic Medium) 1 | 4 | 20 |
| Or | | | |
| X3584 | Educational Studies; Professional Values  (Gaelic Medium) 2 | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| Together with | | | |
| X3478 | Professional Learning Through Enquiry  (Gaelic Medium) 1 | 4 | 20 |
| Or | | | |
| X3582 | Professional Learning Through Enquiry  (Gaelic Medium) 2 | 5 | 20 |
| And | | | |
| X3585 | Professional Skills: Curriculum and Pedagogy (Gaelic Medium) 1 | 4 | 40 |
| Or | | | |
| X3586 | Professional Skills: Curriculum and Pedagogy  (Gaelic Medium) 2 | 5 | 40 |
| And | | | |
| X3479 | Professional Skills: Professional Practice  (Gaelic Medium) 1 | 4 | 40 |
| Or | | | |
| X3583 | Professional Skills: Professional Practice  (Gaelic Medium) 2 | 5 | 40 |

**Secondary Specialism**

All students shall undertake an approved curriculum as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7457 | Education Studies; Professional Values 1 | 4 | 20 |
| Or | | | |
| X9573 | Education Studies; Professional Values 2 | 5 | 20 |
| Together with | | | |
| X9574 | Professional Learning Through Enquiry 1 | 4 | 20 |
| Or | | | |
| X9574 | Professional Learning Through Enquiry 2 | 5 | 20 |
| And | | | |
| X7460 | Professional Skills: Professional Practice 1 | 4 | 40 |
| Or | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| X9575 | Professional Skills: Professional Practice 2 | 5 | 40 |
| Together with modules in the chosen subject specialisation listed below. | | | |

**Art & Design**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7462 | Professional Skills: Curriculum and Pedagogy  Art & Design 1 | 4 | 40 |
| Or | | | |
| X9583 | Professional Skills: Curriculum and Pedagogy  Art & Design 2 | 5 | 40 |

**Biology with Science**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7463 | Professional Skills: Curriculum and Pedagogy  Biology with Science 1 | 4 | 40 |
| Or | | | |
| X9584 | Professional Skills: Curriculum and Pedagogy  Biology with Science 2 | 5 | 40 |

**Business Education**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7464 | Professional Skills: Curriculum and Pedagogy  Business Education 1 | 4 | 40 |
| Or | | | |
| X9585 | Professional Skills: Curriculum and Pedagogy  Business Education 2 | 5 | 40 |

**Chemistry with Science**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7465 | Professional Skills: Curriculum and Pedagogy  Chemistry with Science | 4 | 40 |
| Or | | | |
| X9586 | Professional Skills: Curriculum and Pedagogy  Chemistry with Science | 5 | 40 |

**Computing**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7466 | Professional Skills: Curriculum and Pedagogy Computing Science 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| Or | | | |
| X9587 | Professional Skills: Curriculum and Pedagogy  Computing Science 2 | 5 | 40 |

**English**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7467 | Professional Skills: Curriculum and Pedagogy  English 1 | 4 | 40 |
| Or | | | |
| X9588 | Professional Skills: Curriculum and Pedagogy English 2 | 5 | 40 |

**Gaelic**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7472 | Professional Skills: Curriculum and Pedagogy  Gaelic 1 | 4 | 40 |
| Or | | | |
| X3581 | Professional Skills: Curriculum and Pedagogy  Gaelic 2 | 5 | 40 |

**Geography**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7473 | Professional Skills: Curriculum and Pedagogy  Geography 1 | 4 | 40 |
| Or | | | |
| X9577 | Professional Skills: Curriculum and Pedagogy  Geography 2 | 5 | 40 |

**History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7478 | Professional Skills: Curriculum and Pedagogy  History 1 | 4 | 40 |
| Or | | | |
| X9582 | Professional Skills: Curriculum and Pedagogy  History 2 | 5 | 40 |

**Home Economics**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7458 | Professional Skills: Curriculum and Pedagogy  Home Economics 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| Or | | | |
| X9582 | Professional Skills: Curriculum and Pedagogy  Home Economics 2 | 5 | 40 |

**Mathematics**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| 4 | Professional Skills: Curriculum and Pedagogy  Mathematics 1 | 4 | 40 |
| Or | | | |
| 5 | Professional Skills: Curriculum and Pedagogy Mathematics 2 | 5 | 40 |

**Modern Languages (French)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7468 | Professional Skills: Curriculum and Pedagogy  French 1 | 4 | 40 |
| Or | | | |
| X9576 | Professional Skills: Curriculum and Pedagogy  French 2 | 5 | 40 |

**Modern Languages (German)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7474 | Professional Skills: Curriculum and Pedagogy  German 1 | 4 | 40 |
| Or | | | |
| X9581 | Professional Skills: Curriculum and Pedagogy  German 2 | 5 | 40 |

**Modern Languages (Italian)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7479 | Professional Skills: Curriculum and Pedagogy  Italian 1 | 4 | 40 |
| Or | | | |
| X3580 | Professional Skills: Curriculum and Pedagogy  Italian 2 | 5 | 40 |

**Modern Languages (Mandarin)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7483 | Professional Skills: Curriculum and Pedagogy  Mandarin 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| Or | | | |
| X3563 | Professional Skills: Curriculum and Pedagogy  Mandarin 2 | 5 | 40 |

**Modern Languages (Spanish)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7490 | Professional Skills: Curriculum and Pedagogy  Spanish 1 | 4 | 40 |
| Or | | | |
| X3574 | Professional Skills: Curriculum and Pedagogy Spanish 2 | 5 | 40 |

**Modern Languages (French and German)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7469 | Professional Skills: Curriculum and Pedagogy  French and German 1 | 4 | 40 |
| Or | | | |
| X9589 | Professional Skills: Curriculum and Pedagogy  French and German 2 | 5 | 40 |

**Modern Languages (French and Italian)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7470 | Professional Skills: Curriculum and Pedagogy  French and Italian | 4 | 40 |
| Or | | | |
| X9590 | Professional Skills: Curriculum and Pedagogy  French and Italian | 5 | 40 |

**Modern Languages (French and Spanish)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7470 | Professional Skills: Curriculum and Pedagogy  French and Spanish 1 | 4 | 40 |
| Or | | | |
| X9591 | Professional Skills: Curriculum and Pedagogy  French and Spanish 2 | 5 | 40 |

**Modern Languages (German and French)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7475 | Professional Skills: Curriculum and Pedagogy  German and French 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| Or | | | |
| X9578 | Professional Skills: Curriculum and Pedagogy  German and French 2 | 5 | 40 |

**Modern Languages (Spanish and French)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7491 | Professional Skills: Curriculum and Pedagogy  Spanish and French 1 | 4 | 40 |
| Or | | | |
| X3571 | Professional Skills: Curriculum and Pedagogy Spanish and French | 5 | 40 |

**Modern Languages (Spanish and Italian)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7493 | Professional Skills: Curriculum and Pedagogy  Spanish and Italian 1 | 4 | 40 |
| Or | | | |
| X3573 | Professional Skills: Curriculum and Pedagogy  Spanish and Italian 2 | 5 | 40 |

**Modern Languages (Italian and Spanish)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7482 | Professional Skills: Curriculum and Pedagogy  Italian and Spanish | 4 | 40 |
| Or | | | |
| X3579 | Professional Skills: Curriculum and Pedagogy  Italian and Spanish | 5 | 40 |

**Modern Languages (Spanish and German)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7492 | Professional Skills: Curriculum and Pedagogy  Spanish and German 1 | 4 | 40 |
| Or | | | |
| X3572 | Professional Skills: Curriculum and Pedagogy  Spanish and German | 5 | 40 |

**Modern Languages (Italian and German)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7481 | Professional Skills: Curriculum and Pedagogy  Italian and German 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| Or | | | |
| X3578 | Professional Skills: Curriculum and Pedagogy  Italian and German | 5 | 40 |

**Modern Languages (German and Spanish)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7477 | Professional Skills: Curriculum and Pedagogy  German and Spanish 1 | 4 | 40 |
| Or | | | |
| X9580 | Professional Skills: Curriculum and Pedagogy German and Spanish 2 | 5 | 40 |

**Modern Languages (German and Italian)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7476 | Professional Skills: Curriculum and Pedagogy  German and Italian 1 | 4 | 40 |
| Or | | | |
| X957 | Professional Skills: Curriculum and Pedagogy  German and Italian 2 | 5 | 40 |

**Modern Studies**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7484 | Professional Skills: Curriculum and Pedagogy  Modern Studies 1 | 4 | 40 |
| Or | | | |
| X3565 | Professional Skills: Curriculum and Pedagogy  Modern Studies 2 | 5 | 40 |

**Physics with Science**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7487 | Professional Skills: Curriculum and Pedagogy  Physics with Science 1 | 4 | 40 |
| Or | | | |
| X3568 | Professional Skills: Curriculum and Pedagogy  Physics with Science 2 | 5 | 40 |

**Physical Education**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7486 | Professional Skills: Curriculum and Pedagogy  Physical Education 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| X3567 | Professional Skills: Curriculum and Pedagogy  Physical Education 2 | 5 | 40 |

**Psychology**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7488 | Professional Skills: Curriculum and Pedagogy  Psychology 1 | 4 | 40 |
| Or | | | |
| X3569 | Professional Skills: Curriculum and Pedagogy Psychology 2 | 5 | 40 |

**Religious Education**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7489 | Professional Skills: Curriculum and Pedagogy  RME 1 | 4 | 40 |
| Or | | | |
| X3570 | Professional Skills: Curriculum and Pedagogy  RME 2 | 5 | 40 |

**Technological Education**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7456 | Professional Skills: Curriculum and Pedagogy  Technological Education 1 | 4 | 40 |
| Or | | | |
| X3575 | Professional Skills: Curriculum and Pedagogy  Technological Education 2 | 5 | 40 |

**Secondary Specialism in the Gaelic Medium**

All students shall undertake an approved curriculum as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3480 | Educational Studies; Professional Values 1  (Gaelic Medium) | 4 | 20 |
| Or | | | |
| X3584 | Educational Studies; Professional Values 2  (Gaelic Medium) | 5 | 20 |
| Together with | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| X3478 | Professional Knowledge Through Enquiry 1  (Gaelic Medium) | 4 | 20 |
| Or | | | |
| X3582 | Professional Knowledge Through Enquiry 2  (Gaelic Medium) | 5 | 20 |
| And | | | |
| X3479 | Professional Skills: Professional Practice 1  (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3583 | Professional Skills: Professional Practice 2  (Gaelic Medium) | 5 | 40 |
| Together with modules in the chosen subject specialisation listed below. | | | |

**Art & Design (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3488 | Professional Skills: Curriculum and Pedagogy  Art and Design 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3587 | Professional Skills: Curriculum and Pedagogy  Art and Design 2 (Gaelic Medium) | 5 | 40 |

**Biology with Science (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3495 | Professional Skills: Curriculum and Pedagogy  Biology with Science 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3588 | Professional Skills: Curriculum and Pedagogy  Biology with Science 2(Gaelic Medium) | 5 | 40 |

**Business Education (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3482 | Professional Skills: Curriculum and Pedagogy  Business Education 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3589 | Professional Skills: Curriculum and Pedagogy  Business Education 2 (Gaelic Medium) | 5 | 40 |

**Chemistry with Science (Gaelic Medium)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| X3489 | Professional Skills: Curriculum and Pedagogy  Chemistry with Science 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3590 | Professional Skills: Curriculum and Pedagogy  Chemistry with Science 2 (Gaelic Medium) | 5 | 40 |

**Computing (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3496 | Professional Skills: Curriculum and Pedagogy  Computing Science 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3591 | Professional Skills: Curriculum and Pedagogy  Computing Science 2 (Gaelic Medium) | 5 | 40 |

**Geography (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3498 | Professional Skills: Curriculum and Pedagogy  Geography 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3598 | Professional Skills: Curriculum and Pedagogy  Geography 2 (Gaelic Medium) | 5 | 40 |

**History (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3493 | Professional Skills: Curriculum and Pedagogy  History 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3703 | Professional Skills: Curriculum and Pedagogy  History 2 (Gaelic Medium) | 5 | 40 |

**Home Economics (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7498 | Professional Skills: Curriculum and Pedagogy Home Economics 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3704 | Professional Skills: Curriculum and Pedagogy  Home Economics 2 (Gaelic Medium) | 5 | 40 |

**Mathematics (Gaelic Medium)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| X3611 | Professional Skills: Curriculum and Pedagogy  Mathematics 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3710 | Professional Skills: Curriculum and Pedagogy  Mathematics 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (French) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3491 | Professional Skills: Curriculum and Pedagogy  French 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3593 | Professional Skills: Curriculum and Pedagogy  French 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (German) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3486 | Professional Skills: Curriculum and Pedagogy  German 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3599 | Professional Skills: Curriculum and Pedagogy  German 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (Italian) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3609 | Professional Skills: Curriculum and Pedagogy  Italian 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3705 | Professional Skills: Curriculum and Pedagogy  Italian 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (Mandarin) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3610 | Professional Skills: Curriculum and Pedagogy  Mandarin 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3709 | Professional Skills: Curriculum and Pedagogy  Mandarin 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (Spanish) (Gaelic Medium)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| X3607 | Professional Skills: Curriculum and Pedagogy  Spanish 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3717 | Professional Skills: Curriculum and Pedagogy  Spanish 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (French and German) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3490 | Professional Skills: Curriculum and Pedagogy  French and German 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3594 | Professional Skills: Curriculum and Pedagogy  French and German 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (French and Italian) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3497 | Professional Skills: Curriculum and Pedagogy  French and Italian 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3595 | Professional Skills: Curriculum and Pedagogy  French and Italian 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (French and Spanish) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3484 | Professional Skills: Curriculum and Pedagogy  French and Spanish 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3596 | Professional Skills: Curriculum and Pedagogy  French and Spanish 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (German and French) (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3485 | Professional Skills: Curriculum and Pedagogy  German and French 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3700 | Professional Skills: Curriculum and Pedagogy  German and French 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (Spanish and French) (Gaelic Medium)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| X3615 | Professional Skills: Curriculum and Pedagogy  Spanish and French 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3718 | Professional Skills: Curriculum and Pedagogy  Spanish and French 2 (Gaelic Medium) | 5 | 40 |

**Modern Languages (Spanish and Italian)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3606 | Professional Skills: Curriculum and Pedagogy  Spanish and Italian (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3720 | Professional Skills: Curriculum and Pedagogy  Spanish and Italian (Gaelic Medium) | 5 | 40 |

**Modern Languages (Italian and Spanish)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3481 | Professional Skills: Curriculum and Pedagogy  Italian and Spanish 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3708 | Professional Skills: Curriculum and Pedagogy  Italian and Spanish 2 (Gaelic Medium) | 5 | 40 |

**Modern Studies (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3612 | Professional Skills: Curriculum and Pedagogy  Modern Studies 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3711 | Professional Skills: Curriculum and Pedagogy  Modern Studies 2 (Gaelic Medium) | 5 | 40 |

**Physics with Science (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3601 | Professional Skills: Curriculum and Pedagogy  Physics with Science 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3714 | Professional Skills: Curriculum and Pedagogy  Physics with Science 2 (Gaelic Medium) | 5 | 40 |

**Physical Education (Gaelic Medium)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| X3614 | Professional Skills: Curriculum and Pedagogy  Physical Education 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3713 | Professional Skills: Curriculum and Pedagogy  Physical Education 2 (Gaelic Medium) | 5 | 40 |

**Psychology (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3602 | Professional Skills: Curriculum and Pedagogy  Psychology 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3715 | Professional Skills: Curriculum and Pedagogy  Psychology 2 (Gaelic Medium) | 5 | 40 |

**Religious Education (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3603 | Professional Skills: Curriculum and Pedagogy  RME 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3716 | Professional Skills: Curriculum and Pedagogy  RME 2 (Gaelic Medium) | 5 | 40 |

**Technological Education (Gaelic Medium)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X3608 | Professional Skills: Curriculum and Pedagogy  Technological Education 1 (Gaelic Medium) | 4 | 40 |
| Or | | | |
| X3721 | Professional Skills: Curriculum and Pedagogy  Technological Education 2 (Gaelic Medium) | 5 | 40 |

**Examination, Progress and Final Assessment**

1. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has failed to achieve a satisfactory standard in the assessments may be permitted by the Board of Examiners to have one further attempt to obtain a pass in the outstanding assessments no later than the October of the year following registration on the programme.
2. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has failed the relevant Professional Skills: Professional Practice module by the end of the session may be permitted one further attempt at the relevant Professional Skills: Professional Practice module, unless all attempts have already been exhausted in any other module by that point.
3. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has performed unsatisfactorily at the first two assessments for a class at Level 5, may be permitted one further attempt at the class at Level 4.
4. The final assessment for the award of the Professional Graduate Diploma in Education will be based on performance in Placement Experience and coursework.

**Award**

1. In order to qualify for the award of a Professional Graduate Diploma in Education, a panel of appropriately qualified GTCS registered School of Education staff must be satisfied that a candidate has demonstrated that they have met the Standard for Initial Teacher Education as specified by the General Teaching Council for Scotland and the Scottish Government.
2. **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 programme curriculum.
3. **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 programme curriculum including those from classes in the named subject and no fewer than 160 credits in two named subjects (with a maximum of 40 credits at Level 5 in Curriculum and Pedagogy).

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## FACULTY COURSES

**PRIMARY EDUCATION**

**BA with Honours in Primary Education**

**BA with Honours in Primary Education with International Study**

**BA in Humanities and Social Sciences**

**BA in Humanities and Social Sciences with International Study**

**Diploma of Higher Education in Humanities and Social Sciences**

**Certificate of Higher Education in Humanities and Social Sciences**

**Course Regulations**

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

### 15300.UG.304 Mode of Study

The course is available by full-time study only.

### 15300.UG.305 Place of Study

The course involves placements in schools for which a student must be a member of the PVG (Protecting Vulnerable Groups) Scheme. If they are already a member, they must apply for an update.

The degrees of students who spend all or part of an academic year at an overseas university as an accredited part of their undergraduate degree studies will be designated as BA Honours in Primary Education with International Study.

### 15300.UG.306 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X9 172 | Understanding Education in |  | |
|  | the 21st Century | 1 | 20 |
| X9 173 | Year 1 Placement and Curriculum | 1 | 20 |

Optional Classes

80 credits of paired classes from Regulation 15300.UG.49

### 15300.UG.307 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X9 278 | Children’s Language, Literature |  |  |
|  | and Literacy | 2 | 20 |
| X9 297 | Numeracy and Mathematics in the |  |  |
|  | Primary School | 2 | 20 |
| X9 280 | Learners and Learning | 2 | 20 |
| X9 281 | Yr 2 Pedagogy and Placement Learning | 2 | 20 |

40 credits of Level 2 classes from a subject studied at Level 1. This may include an interdisciplinary elective where appropriate, participation in a Vertically Integrated Project (VIP) elective, as approved by the Course Leader.

### 15300.UG.308 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X7 315 | Yr 3 Pedagogy and Placement Learning | 3 | 20 |
| X7 316 | Yr 3 Pedagogy and Placement Learning |  |  |
|  | Nursery | 3 | 20 |
| X7 330 | Language Learning and Teaching |  |  |
|  | in the Primary School | 3 | 10 |
| X7 331 | Teaching Social Studies Creatively | 3 | 20 |
| X7 332 | Science and Technology |  |  |
|  | in the Primary School | 3 | 20 |
| X7 333 | Religious and Moral Education |  |  |
|  | and Health & Wellbeing 1 | 3 | 20 |
| X7 334 | Social Research Methods | 3 | 10 |

**15300.UG.309 *Primary Education with International Study***

All students will be required to undertake a period of study abroad at an approved institution and shall follow an approved curriculum of at least 60 credits as follows

Either

EX106 External Study Semester 1 3 60

And 60 credits listed from Regulation 1530.UG.307

Or

EX116 External Study Semester 2 3 60 And 60 credits listed from Regulation 1530.UG.307

|  |  |  |  |
| --- | --- | --- | --- |
| Or |  | | |
| EX106 | External Study Semester 1 | 3 | 60 |
| EX116 | External Study Semester 2 | 3 | 60 |

### 15300.UG.310 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| X7 434 | Yr 4 Pedagogy and Placement Learning | 4 |  | 20 |
| X3 472 | Developing Understandings of Inclusive |  |  |  |
|  | Literacy and Numeracy | 4 |  | 20 |
| X7 450 | Professional Specialisation | 4 |  | 10 |
| X7 451 | Protecting and Safeguarding Children: |  |  |  |
|  | Role of the Primary Teacher |  | 4 | 10 |
| X7 452 | Expressive Arts & Physical |  |  |  |
|  | Education (HWb2) |  | 4 | 20 |
| X7 453 | Dissertation (Education) |  | 4 | 40 |

### Progress

**15300.UG.311** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 (see General Undergraduate Regulations) a student must also pass X9 173 Education IA: Yr 1 Placement and Curriculum.

**15300.UG.312** In order to progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.44 (see General Undergraduate Regulations) a student must also pass X9 281 Pedagogy and Placement Learning.

**15300.UG.313** In order to progress to the fourth year of the in addition to satisfying the requirements of Regulation 00001.UG.1.45 (see General Undergraduate Regulations) a student must also pass both X7 315 YR 3 Pedagogy and Placement Learning and X7 316 YR 3 Pedagogy and Placement Learning – Nursery.

**15300.UG.314** Notwithstanding Regulations 15300.UG.309**,** 15300.UG.310 and 15300.UG.311, for the modules named therein, where partnership assessment judgments are not in agreement, the final assessment decision will be taken by the University of Strathclyde.

### 15300.UG.315 Final Honours Classification

See Regulation 15300.UG.62

### Award

**15300.UG.316 BA with Honours:** In order to qualify for the award of the BA with Honours in Primary Education, in addition to satisfying the requirements of Regulation 00001.UG.1.75 (see General Undergraduate Regulations), a student must pass X7434 Yr 4 Pedagogy and Placement Learning and X7453 Dissertation (Education).

.

**15300.UG.317 BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in Primary Education with International Study, in addition to satisfying the requirements of Regulation 0000.1.UG.1.75 (see General Undergraduate Regulations), a student must pass X7434 Yr 4 Pedagogy and Placement Learning, X7 453 Dissertation (Education) and must include and must include at least one semester at a partner institution abroad

**15300.UG.318 BA**: In order to qualify for the award of BA in Humanities and Social Sciences Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15300.UG.319 BA with International Study**: In order to qualify for the award of the BA in Humanities and Social Sciences with International Study Regulation 0000.1.UG.1.76 shall apply (see General Undergraduate Regulations) and must include a pass in at least one of the external placement classes.

**15300.UG.320 Diploma of Higher Education**: In order to qualify for the award of Diploma of Higher Education in Humanities and Social Sciences Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15300.UG.321 Certificate of Higher Education**: In order to qualify for the award of Certificate of Higher Education in Humanities and Social Sciences Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## FACULTY COURSES

**HUMANITIES AND SOCIAL SCIENCES**

**BA with Honours in (Subject(s))**

**BA with Honours in (Subject(s)) with International Study BA in Humanities and Social Sciences**

**BA in Humanities and Social Sciences with International Study**

**Diploma of Higher Education in Humanities and Social Sciences**

**Certificate of Higher Education in Humanities and Social Sciences**

**Course Regulations**

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

### 15300.UG.43 Mode of Study

The courses are available by full-time and by part-time study if so indicated. Students may transfer, with the approval of the Vice Dean (Academic), from full-time study to part-time, and vice versa. Each year of part-time study shall normally comprise 60 credits from the classes required for full-time study.

### 15300.UG.44 Place of Study

Certain subjects may require study out with the University.

The BA Hons in (Subject(s)) with International Study requires accredited study at an approved institution abroad for a period of at least one semester.

### 15300.UG.45 Course Structure (Full-time Study)

All full-time first year students shall undertake a curriculum which shall normally amount to 120 credits, normally consisting of 3 combinable subjects.

All full time second year students shall undertake a 120-credit curriculum consisting of primarily of two combinable Subjects, in each of which they will have gained 40 credits at Level 1. In Level 2, they will take 60 credits in one Subject + 40 credits in the other Subject + 20 credits in an interdisciplinary class chosen from a list of classes approved by the Faculty.

All full time third year students shall undertake a 120-credit curriculum consisting of no more than 100 credits in one of their Level 2 Subjects and 20 credits in an interdisciplinary class chosen from a list of classes approved by the Faculty. Any remaining balance of credits will consist of classes taken from their other Level 2 Subject.

Specific criteria and prerequisites may apply to entry to Honours in certain subjects. Students wishing to be considered for

* 1. a Single Honours degree must normally have gained at least 60 credits in that Subject at Level 3.
  2. Joint Honours degree (including Major/Minor combinations) must normally have gained at least 120 credits by the end of Level 3 in each of their intended Honours Subjects.

The credits for each class shall count towards the credit requirements for one of the Subjects only. With the prior approval of the Board of Study or the Board’s nominee in a particular session, classes offered by another University may be taken in place of classes offered by the Faculty of Humanities and Social Sciences.

All full-time Honours year students shall undertake classes which amount to 120 credits which meet the specialisation requirements for their subject(s) and shall include a dissertation.

Students studying for Single Honours shall undertake 120 credits at Level 4 in one subject.

All other students shall undertake a curriculum consisting of Either

60 credits at Level 4 in each of two subjects, including a dissertation in only one of those subjects (Joint Honours);

OR

80 credits in one subject, including a 20 credit dissertation, and 40 credits in another subject (Major-Minor) all at Level 4.

Students studying a Joint Honours curriculum at Level 4 that includes a subject offered by another Faculty will complete their dissertation in the HaSS subject, except in the case of Human Resource Management, Hospitality and Tourism Management, Marketing and Economics, in which a 20 credit dissertation may be undertaken.

Only the following subjects may be studied as a Major component at Level 4: English, History, Politics and International Relations and Psychology.

### 15300.UG.46 Subject Requirements

**Education**

See Regulations 15300.UG.96 -15300.UG.98

### English

See Regulations 15300.UG.110 -15300.UG.114

### English and Creative Writing

See Regulations 15300.UG.115-15300.UG.118

### History

See Regulations 15300.UG.126 -15300.UG.130

### Journalism and Creative Writing

See Regulations 15300.UG.142 -15300.UG.144

### Journalism, Media and Communication

See Regulations 15300.UG.145-15300.UG.146

### Law

See Regulations 15300.UG.156 -15300.UG.158

### Modern Languages

**(French, Italian and Spanish)**

See Regulations 15300.UG.170 - 15300.UG.175

### Politics and International Relations

See Regulations 15300.UG.187 - 15300.UG.191

### Psychology

See Regulations 15300.UG.203 - 15300.UG.208

### Social Policy

See Regulations 15300.UG.220 – 15300.UG.222

### Economics

See Regulations 15300.UG.248 - 15300.UG.249

### Hospitality and Tourism Management

See Regulation 15300.UG.261 - 15300.UG.262

### Human Resource Management

See Regulation 15300.UG.274 - 15300.UG.275

### Marketing

See Regulation 15300.UG.287 - 15300.UG.288

### Mathematics

See Regulations 15300.UG.291 - 15300.UG.292

### 15300.UG.47 Permissible Combinations of Subjects for Pass and Honours Degrees

Subjects are normally available in the following combinations:



Single Honours degrees are available in the following Subjects:

English

English and Creative Writing History

Politics and International Relations Psychology

### Curriculum (Full-time Study)

**15300.UG.48 First Year**

All full-time students shall undertake 120 credits, normally consisting of three pairs (ie, 1A+1B) of classes taken from List A. Up to 40 credits of classes may be taken from List B within a single subject. Students taking subjects offering only 20 credits in List B are required to take an additional 20 credit class from List A.

### 15300.UG.49 List A: Level 1 Classes in the Faculty of Humanities and Social Sciences

|  |  |  |  |
| --- | --- | --- | --- |
| C8 105 | Psychology 1A | 1 | 20 |
| C8 106 | Psychology 1B | 1 | 20 |
| L2 107 | Politics 1A: Concepts and Processes | 1 | 20 |
| L2 108 | Politics 1B: Decision Making and |  |  |
|  | Outcomes | 1 | 20 |
| M9 114 | BA Law 1A Legal Methods | 1 | 20 |
| M9 116 | BA Law 1B Public Law 1 | 1 | 20 |
| P3 103 | Introduction to Journalism, |  |  |
|  | Media and Communication | 1 | 20 |
| P3 104 | Introduction to News and Features | 1 | 20 |
| QQ 115 | English 1A | 1 | 20 |
| QQ 119 | English 1B | 1 | 20 |
| R1 107 | French 1A | 1 | 20 |
| R1 108 | French 1B | 1 | 20 |
| R1 109 | Introduction to French 1A | 1 | 20 |
| R1 110 | Introduction to French 1B | 1 | 20 |
| R3 108 | Italian 1A | 1 | 20 |
| R3 109 | Italian 1B | 1 | 20 |
| R3 110 | Introduction to Italian 1A | 1 | 20 |
| R3 111 | Introduction to Italian 1B | 1 | 20 |
| R4 107 | Spanish 1A | 1 | 20 |
| R4 108 | Spanish 1B | 1 | 20 |
| R4 109 | Introduction to Spanish 1A | 1 | 20 |
| R4 110 | Introduction to Spanish 1B | 1 | 20 |
| V1 102 | History 1A | 1 | 20 |
| V1 103 | History 1B | 1 | 20 |
| X9 173 | Education 1A: Year 1 Placement |  |  |
|  | and Curriculum | 1 | 20 |
| X9 172 | Education 1B: Understanding Education |  |  |
|  | in the 21st Century | 1 | 20 |
| L5117 | Social Policy & Society in Contemporary |  |  |
|  | Scotland | 1 | 20 |
| L5118 | Private Issues & Public Problems | 1 | 20 |

**15300.UG.50 List B: Level 1 Classes in Other Faculties**

|  |  |  |  |
| --- | --- | --- | --- |
| EC 111 | Introduction to Economics | 1 | 20 |
| HR 112 | Managing People | 1 | 20 |
| MK 111 | Introduction to Marketing+ | 1 | 20 |
| MM 101 | Introduction to Calculus\* | 1 | 20 |
| MM 102 | Applications of Calculus\* | 1 | 20 |
| SH 111 | Introduction to Hospitality & |  |  |
|  | Tourism Management + | 1 | 20 |

* Compulsory for students intending to take Mathematics

+ Only available in combination with a Modern Language

### 15300.UG.51 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

All students shall take 1 x 20 credit class or 2 x 10 credit classes from a list of interdisciplinary elective classes approved by the Faculty, including where appropriate, participation in a Vertically Integrated Project (VIP) or any other class approved by the Adviser of Studies.

.

In addition, students shall undertake the following in two of the subjects passed at Level 1

|  |  |  |
| --- | --- | --- |
| First Subject | 2 | 60 |
| Second Subject | 2 | 40 |

If an interdisciplinary elective class is not taken, then students shall undertake the following in two of the subjects passed at Level 1

|  |  |  |  |
| --- | --- | --- | --- |
|  | First Subject | 2 | 60 |
| **15300.UG.52** | Second Subject  **Third Year** | 2 | 60 |

All full-time students shall undertake classes amounting to 120 credits.

All students shall take 1 x 20 credit class or 2 x 10 credit classes from a list of interdisciplinary elective classes approved by the Faculty, including where appropriate, participation in a Vertically Integrated Project (VIP) or any other class approved by the Adviser of Studies.

.

In addition, students shall undertake

100 credits in one of the subjects passed at Level 2\* OR

80 credits in one of the subjects passed at Level 2 and 20 credits in the other subject passed at Level 2+,

OR

60 credits in one subject passed at Level 2 and 40 credits in the other subject passed at Level 2++,

If an interdisciplinary elective class is not taken, then students shall undertake

120 credits in one of the subjects passed at Level 2\* OR

80 credits in one of the subjects passed at Level 2 and 40 credits in the other subject passed in Level 2+,

OR

60 credits in one subject passed at Level 2 and 60 credits in the other subject passed at Level 2++,

Students may undertake 1 semester (60 credits) or 2 semesters (120 credits) studying an agreed curriculum abroad. On successful completion of the degree, this would be awarded ‘with international study’.

* May qualify a student for Single Honours in that subject

+ May qualify a student for Single Honours in the first subject.

++ May qualify a student for Single Honours in the first subject or Joint Honours (including Major-Minor) in both subjects

### 15300.UG.53 Subjects at Levels 2 and 3

***Subjects offered by Humanities and Social Sciences Faculty***

### Education

See Regulations 15300.UG.93 -15300.UG.95

### English

See Regulations 15300.UG.107 -15300.UG.111

### English & Creative Writing

See Regulations 15300.UG.115 -15300.UG.118

### History

See Regulations 15300.UG.123 -15300.UG.127

### Journalism and Creative Writing

See Regulations 15300.UG.139 -15300.UG.141

### Journalism, Media and Communication

See Regulations 15300.UG.145 -15300.UG.146

### Law

See Regulations 15300.UG.153 -15300.UG.155

### Modern Languages

**(French, Italian and Spanish)**

See Regulations 15300.UG.167 - 15300.UG.172

### Politics and International Relations

See Regulations 15300.UG.187 - 15300.UG.188

### Psychology

See Regulations 15300.UG.200 - 15300.UG.205

### Social Policy

See Regulations 15300.UG.217

***Subjects offered by* other Faculties Economics**

See Regulations 15300.UG.245 - 15300.UG.247

### Hospitality and Tourism Management

See Regulation 15300.UG.258 - 15300.UG.259

### Human Resource Management

See Regulation 15300.UG.291 - 15300.UG.292

### Marketing

See Regulation 15300.UG.324 - 15300.UG.325

### Mathematics

See Regulations 15300.UG.337 - 15300.UG.338

### Progress

**15300.UG.54** A student who fails a class which is not a compulsory requirement for progression may be permitted to take an appropriate substitute class.

Notwithstanding Regulation 00001.UG.1.30 (see General Undergraduate Regulations), a student who has been excluded from the degree examinations in a class in any one year, but has otherwise satisfied the relevant progress regulations, shall normally be required to re-attend the class.

### Progress (Full-time Study)

**15300.UG.55** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 (see General Undergraduate Regulations) a student must also gain the credits for both of the Year 1 classes in the two subjects to be studied at Year 2.

**15300.UG.56** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15300.UG.57** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### 15300.UG.58 Progress (Part-time Study)

In any year of study, students must normally pass all classes taken.

The final Honours classification will normally be based on

(i) the first assessed attempt at compulsory and specified optional classes taken in the Honours year and, as appropriate, in the third year;

### Award

**15300.UG.59 BA with Honours**: In order to qualify for the award of the BA with Honours in a specified subject or subjects Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15300.UG.60 BA with Honours with International Study**: In order to qualify for the award of the BA with Honours in a specified subject or subjects Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include a pass in at least one of the external placement classes.

**15300.UG.61 Modern Language students only: Distinction in the Spoken Language*:*** *A candidate who qualifies for the award of the degree of BA with Honours in a Modern Language with another subject and who has met the criteria, published in the class handbook, in the oral examination may be awarded the Honours degree with Distinction in the Spoken Language.*

**15300.UG.62 BA:** In order to qualify for the award of the BA in Humanities and Social Sciences Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15300.UG.63 BA with International Study**: In order to qualify for the award of the BA in a specified subject or subjects Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15300.UG.64 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Humanities and Social Sciences Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15300.UG.65 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

**15300.UG.66 to**

**15300.UG.95 (numbers not used)**

**Subjects and Honours Requirements**

**Specialisation in Education 15300.UG.96 Place of Study**

The course involves placements in schools and community organisations for which a student must be a member of the PVG (Protecting Vulnerable Groups) Scheme. If they are already a member they must apply for an update.

Students taking Education as a Subject shall undertake a curriculum in Education as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| X7 210 | Culture Society Formation | 2 | 20 |
| X7 211 | Education and Learning | 2 | 20 |
| X7 353 | Adult Education with Placement | 3 | 20 |
| X7 352 | Designing Educational Research | 3 | 20 |

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X7 201 | Exploring Moral and Ethical |  | |
|  | Issues in Contemporary Society | 2 | 20 |
| X7 324 | Protecting Scotland’s Children | 3 | 20 |
| X9 268 | Exploring Creativities in Practice | 2 | 20 |
| X9 284 | Living and Learning Outdoors: |  |  |
|  | Learning for Sustainability | 2 | 20 |
| X9 295 | Folk and Fairy Tales: Reuse, |  |  |
|  | Retelling and Resilience | 2 | 20 |
| X9 296 | Memory, Belief and Misconception | 2 | 20 |
| X7 310 | Children and Childhood | 3 | 20 |
| X7351 | Educational Encounters Past and |  |  |
|  | Present | 3 | 20 |

**15300.UG.97 Joint Honours Curriculum in Education and another Subject** All students shall undertake a curriculum in Education as follows Compulsory Classes

X7 494 Critical Issues in Education 4 20

Optional Classes

40 credits chosen from

X7 426 Independent Study Joint Honours

|  |  |  |  |
| --- | --- | --- | --- |
|  | Education | 4 | 10 |
| X7 312 | Living in a Digital Age | 4 | 10 |
| X3 475 | Exploring Belief and Culture | 4 | 10 |
| X7 404 | Children’s Literature | 4 | 10 |
| X7 406 | Primary Physical Education | 4 | 10 |
| X7 424 | Science in the Primary School | 4 | 10 |
| X7 444 | Modern Languages in the Primary School4 | | 10 |
| X7 449 | Educational Representations in Film and Literature 4 | | 20 |

Or

20 credits chosen from the list of optional classes above and

X7 432 Dissertation in Education 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.98 Minor Honours Curriculum in Education with another Subject

All students shall undertake a curriculum in Education as follows Optional Classes

40 credits chosen from the list of optional classes in Regulation 15300.UG.97

### 15300.UG.99 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.109 (numbers not used) 15300.UG.110 Specialisation in English

Students taking English shall undertake a curriculum in English as follows

|  |  |  |
| --- | --- | --- |
| Compulsory Classes |  | |
| QQ227 Writing Through Time 1 | 2 | 20 |
| QQ228 Writing Through Time 2 | 2 | 20 |
| QQ 607 Victorian Literature | 3 | 20 |

QQ 608 Twentieth Century Literature 3 20

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 203 | Construction of Scotland | 2 | 20 |
| QQ 211 | Making the Modern Human | 2 | 20 |
| QQ 267  QQ 302 | Textlab 2  Order and Nature in Renaissance Writing | 2  3 | 20  20 |
| QQ 304 | Sex, Revenge and Corruption in Renaissance Drama | 3 | 20 |
| QQ 307  QQ 308 | Nineteenth Century American Literature Language in Business and Organisations | 3  3 | 20  20 |
| QQ 309 | Language in Business and Organisations | 3 | 20 |
| QQ 310 | International Influences: World Literature and Literature in English | 3 | 20 |
| QQ 324 | Text Lab (3) | 3 | 20 |
| QQ 327 | Theories of Literature and Wellbeing | 3 | 20 |
| QQ 333 | The Body: Theories and Representations 3 | | 20 |
| QQ 607 | Victorian Literature 3 | | 20 |
| QQ 608 | Twentieth Century Literature 3 | | 20 |
| QQ 609 | America in the 1920s 3 | | 20 |
| QQ 610  QQ 612 | Style 3  The Sexed Self: Gender, Sexuality, Autobiography 3 | | 20  20 |
| QQ 613 | Scottish Literature: 1770-1914 3 | | 20 |
| QQ 616 | The Glasgow Novel 3 | | 20 |
| QQ 617 | Literature in the First World War 3 | | 20 |
| QQ 618 | Detective Fiction 3 | | 20 |
| QQ 622 | Children’s Literature 3 | | 20 |
| QQ 623 | Reading Poetry 3 | | 20 |
| QQ 624 | Journalism and Popular Culture 3 | | 20 |
| QQ 626  QQ 627 | Directing in the Theatre 3  From Greek Theatre to the National Theatre of Scotland 3 | | 20  20 |
| QQ 631 | Adaptations: Literature and Cinema 3 | | 20 |
| QQ 666 | Shakespeare Studies 3 | | 20 |
| HS 809 | Contemporary Gender Issues 3 | | 20 |
| QQ 311 | Writing War 3 | | 20 |

### 15300.UG.111 Single Honours Curriculum in English

All students shall undertake a curriculum in English as follows Compulsory Class

Either

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 701 | Dissertation in English | 4 | 20 |
| Or |  |  |  |
| QQ 705 | Dissertation in English | 4 | 20 |

100 credits chosen from the following list of optional classes: Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| P3 728 | Ethical Issues in Journalism | 4 | 20 |
| QQ 402 | Atrocity and Modernism | 4 | 20 |
| QQ 403 | Animals and the Writing of Fiction | 4 | 20 |
| QQ 404 | Women Writing Revolution | 4 | 20 |
| QQ 405 | Introduction to Digital Humanities | 4 | 20 |
| QQ 406 | Global Modernisms | 4 | 20 |
| QQ 407 | Text Lab 4 | 4 | 20 |
| QQ 408 | Classical Literature in Translation | 4 | 20 |
| QQ 410 | Contemporary Travel Writing | 4 | 20 |
| QQ 412 | Versions of Tragedy | 4 | 20 |
| QQ 413 | The American West in Fiction and Film | 4 | 20 |
| QQ 414 | Literature, Mind and Brain | 4 | 20 |
| QQ 417 | The Dramatic Work in Performance | 4 | 20 |
| QQ 418 | Wild in the Renaissance | 4 | 20 |
| QQ 419 | Modern Periodicals | 4 | 20 |
| QQ 420 | The 20th and 21st Century Novel | 4 | 20 |
| QQ 422 | Songs: Music and Literature | 4 | 20 |
| QQ 425 | Sixties Britain: Literature, Culture, | 4 | 20 |
|  | Counterculture |  |  |
| QQ 428 | Soviet Literature in Translation |  |  |
|  | 1917-1967 | 4 | 20 |
| QQ 430 | Forms of Feminism in Contemporary | 4 | 20 |
|  | Literature |  |  |
| QQ 702 | Journeys and Travel Writing | 4 | 20 |
| QQ 703 | Time Represented and Experienced | 4 | 20 |
| QQ 704 | The Sound of Poetry | 4 | 20 |
| QQ 707 | Shakespeare: From Tragedy to |  |  |
|  | Tragicomedy | 4 | 20 |
| QQ 708 | Shakespeare and Language | 4 | 20 |
| QQ 709 | Screen Adaptation | 4 | 20 |
| QQ 710 | Scottish Literary Modernism | 4 | 20 |
| QQ 711 | Oral Narratives and Fairy tales | 4 | 20 |
| QQ 712 | The Nineteen Thirties: Literature |  |  |
|  | and Culture | 4 | 20 |
| QQ 713 | Language and Media | 4 | 20 |
| QQ 714 | Victorian Gothic | 4 | 20 |
| QQ 715 | An Introduction to Gay and Lesbian |  |  |
|  | Literature | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 716 | Experimental Literatures | 4 | 20 |
| QQ 717 | La Belle Epoque: Edwardian Literature |  |  |
|  | and Culture, 1900-1914 | 4 | 20 |
| QQ 718 | Transatlantic Comic Writing 1900-1950 | 4 | 20 |
| QQ 720 | Philosophy and Science in the |  |  |
|  | Enlightenment | 4 | 20 |
| QQ 721 | Vladimir Nabokov – Two Great Novels | 4 | 20 |
| QQ 722 | Cultures of Transgression | 4 | 20 |
| QQ 723 | Media and Literary Publics | 4 | 20 |
| QQ 725 | The Dramatic Work in Performance | 4 | 20 |
| QQ 726 | Literary Snobbery | 4 | 20 |
| QQ 727 | Present-day Victorians | 4 | 20 |
| QQ 729 | Studio Theatre Performance | 4 | 20 |
| QQ 732 | Superfluous Man in the 19th Century | 4 | 20 |
| QQ 425 | The Sixties in Britain | 4 | 20 |

**15300.UG.112 Major Honours Curriculum in English with another Subject** All students shall undertake a curriculum in English as follows Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 701 | Dissertation in English | 4 | 20 |
| Or |  |  |  |
| QQ 705 | Dissertation in English | 4 | 20 |

Optional Classes

60 credits chosen from the list of optional classes in Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.113 Joint Honours Curriculum in English and another Subject

All students shall undertake a curriculum in English as follows Optional Classes

Either

60 credits chosen from the list of optional classes in Regulation 15300.UG.111

Or

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 701 | Dissertation in English | 4 | 20 |
| Or |  |  |  |
| QQ 705 | Dissertation in English | 4 | 20 |

and 40 credits chosen from Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.114 Minor Honours Curriculum in English with another Subject** All students shall undertake a curriculum in English as follows Optional Classes

40 credits chosen from the list of optional classes in Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.115 Specialisation in English & Creative Writing

Students taking English & Creative Writing shall undertake a curriculum in English & Creative Writing as follows

Compulsory Classes

|  |  |  |
| --- | --- | --- |
| QQ 227 Writing through Time 1 | 2 | 20 |
| QQ 228 Writing through Time 2 | 2 | 20 |
| QQ 331 Writing Short Fiction and Poetry | 3 | 20 |
| QQ 332 Dramatic Writing | 3 | 20 |

Year 2

Optional Classes

20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 203 | Construction of Scotland | 2 | 20 |
| QQ 211 | Making the Modern Human | 2 | 20 |
| QQ 267 | Textlab 2 | 2 | 20 |

Year 3

Optional Classes

Up to 120 credits chosen from the following list.

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 302 | Order and Nature in Renaissance  Writing | 3 | 20 |
| QQ 304 | Sex, Revenge and Corruption in Renaissance Drama | 3 | 20 |
| QQ 307 | Nineteenth Century American Literature | 3 | 20 |
| QQ 309  QQ 310 | Language in Business and Organisations International Influences: World Literature and Literature in English | 3  3 | 20  20 |
| QQ 311 | Writing War | 3 | 20 |
| QQ 324 | Textlab 3 | 3 | 20 |
| QQ 327 | Theories of Literature and Wellbeing | 3 | 20 |
| QQ 333 | The Body: Theories and Representations | 3 | 20 |
| QQ 607 | Victorian Literature | 3 | 20 |
| QQ 608  QQ 612 | Twentieth Century Literature  The Sexed Self: Gender, Sexuality, Autobiography | 3  3 | 20  20 |
| QQ 613 | Scottish Literature 1770-1914 | 3 | 20 |
| QQ 616 | The Glasgow Novel | 3 | 20 |
| QQ 617 | Literature of the First World War | 3 | 20 |
| QQ 618 | Detective Fiction | 3 | 20 |
| QQ 622 | Children’s Literature | 3 | 20 |
| QQ 623 | Reading Poetry | 3 | 20 |
| QQ 624 | Journalism and Popular Culture | 3 | 20 |
| QQ 626  QQ 627 | Directing in the Theatre  From Greek Theatre to the National Theatre of Scotland | 3  3 | 20  20 |
| QQ 631 | Adaptations: Literature and Cinema | 3 20 | |
| QQ 666 | Shaespeare Studies | 3 20 | |
| QQ 427 | The American Novel 1925-Present | 3 20 | |

### 15300.UG.116 Single Honours Curriculum in English and Creative Writing

All students shall undertake a curriculum in English and Creative Writing as follows

Compulsory Class

Either

QQ701 Dissertation in English 4 20

or

QQ 705 Dissertation in English 4 20

Optional Classes

100 credits chosen from the following:

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 403 | Animals in the Writing of Fiction | 4 | 20 |
| QQ 404 | Women Writing Revolution | 4 | 20 |
| QQ 405 | Introduction to Digital Humanities | 4 | 20 |
| QQ 406 | Global Modernisms | 4 | 20 |
| QQ 407 | Textlab 4 | 4 | 20 |
| QQ 408 | Classical Literature in Translation | 4 | 20 |
| QQ 412 | Versions of Tragedy | 4 | 20 |
| QQ 414 | Literature, Mind and Brain | 4 | 20 |
| QQ 417 | The Dramatic Work in Performance | 4 | 20 |
| QQ 418 | Wild in the Renaissance | 4 | 20 |
| QQ 422  QQ 423 | Songs: Music and Literature Creative Economies and the Culture Industry | 4  4 | 20  20 |
| QQ 424 | Contemporary Scottish Literature | 4 | 20 |
| QQ 425 | Sixties Britain: Literature, Culture, | 4 | 20 |
| QQ 428 | Counterculture  Soviet Literature in Translation | 4 | 20 |
|  | 1917-1967 |  |  |
| QQ 430  QQ 707 | Forms of Feminism in Contemporary4 Literature  Shakespeare: From Tragedy to 4 | | 20  20 |
| QQ 709 | Tragicomedy  Screen Adaptation 4 | | 20 |
| QQ 710 | Scottish Literary Modernism 4 | | 20 |
| QQ 711  QQ 712 | Oral Narratives and Fairy Tales 4 The Nineteen Thirties: Literature  and Culture 4 | | 20  20 |
| QQ 713 | Language and Media 4 | | 20 |
| QQ 714  QQ 715 | Victorian Gothic 4  An Introduction to Gay and  Lesbian Literature 4 | | 20  20 |
| QQ 716  QQ 717 | Experimental Literatures 4  La Belle Epoque: Edwardian Literature and Culture, 1900-1914 4 | | 20  20 |
| QQ 723 | Media and Literary Publics 4 | | 20 |
| QQ 725 | The Dramatic Work in Performance 4 | | 20 |
| QQ 727 | Present-day Victorians 4 | | 20 |
| QQ 729  QQ 426 | Studio Theatre Performance 4  Travel/Exile/Refuge: Writing | | 20 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | in Transit | 4 | 20 |
| P3 412 | Writing Fiction | 4 | 20 |
| P3 410 | New Narratives | 4 | 20 |
| **15300.UG.116** | P3 408 | Creating Writing Portfolio | 4 | 20 |

### Major Honours Curriculum in English and Creative Writing with another Subject

All students shall undertake a curriculum in English and Creative Writing as follows

Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| QQ 701 | Dissertation in English | 4 | 20 |
| Or |  |  |  |
| QQ 705 | Dissertation in English | 4 | 20 |

Optional Classes

60 credits chosen from the list of optional classes in Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.117

### Joint Honours Curriculum in English and Creative Writing and another Subject

All students shall undertake a curriculum in English and Creative Writing as follows:

Either

Optional Classes

60 credits chosen from the list of optional classes in Regulation 15300.UG.111

Or

Compulsory Class

QQ 701 Dissertation in English 4 20

Or

QQ 705 Dissertation in English 4 20

and 40 credits chosen from Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.118 Minor Honours Curriculum in English and Creative Writing with another Subject

All students shall undertake a curriculum in English and Creative Writing as follows

Optional Classes

40 credits chosen from the list of optional classes in Regulation 15300.UG.111

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.119 to**

**15300.UG.125 (numbers not used)**

**15300.UG.126 Specialisation in History**

Students taking History shall undertake a curriculum as follows Compulsory Class

V1 326 Historiography and Research Methods 3 20

Optional Classes

100 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| V1 201 | Scotland 1542-1707: Reformation,  Revolutions and Union | 2 | 20 |
| V1 202 | Scotland 1603-1707: From Union Of The Crowns to Union Of The Parliaments | 2 | 20 |
| V1 213 | Disease and Society: An Introduction to the History of Medicine | 2 | 20 |
| V1 214 | History of Scotland, 1700-1832 | 2 | 20 |
| V1 215  V1 216 | History of Scotland, 1832-1914  History of the United States of America since 1877 | 2  2 | 20  20 |
| V1 217  V1 218 | Modern Europe  Science, Technology and the | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| V1 220 | Making of the Modern World  Scotland 1469-1603: Renaissance and Reformation | 2  2 | 20  20 |
| V1 235 | The British Empires: Conquest, Commerce  and Cooperation, 1556-2013 2 | | 20 |
| V1 236 | Glasgow: History, Culture, Identity 2 | | 20 |
| V1 303 | France at War 1870-1962 3 | | 20 |
| V1 304  V1 311 | The American West 3  Living under a Dictator: Politics and Society in Fascist Italy 3 | | 20  20 |
| V1 314  V1 318 | Genocide in the 20th Century 3  The 'westward enterprise': Scotland, Ulster and America, c.900-1783 3 | | 20  20 |
| V1 324  V1 325 | Dangerous Drugs and Magic Bullets: Social History of Medicines, 1800 – 2000 3  From Samurai to Entrepreneurs: The Birth of Modern Japan 3 | | 20  20 |
| V1 327  V1 330 | History of Irish Society 1660-1850 3  Propaganda and War in the Twentieth Century 3 | | 20  20 |
| V1 334 | Scottish Society since 1914 3 | | 20 |
| V1 335  V1 337 | Slavery in World History 3  The Covenanters and the British Civil Wars, c1637-51 3 | | 20  20 |
| V1 339  V1 341 | Islands in the Sea: The Maritime World 3 Of the Atlantic Archipelago  Disability in Modern Britain 3 | | 20  20 |
| V1 342  V1 346 | Living Under the Raj: Colonial South  Asia 1857 – 1947 3  Sex, Medicine and Society In Britain  And Ireland, 1880s - 1980s 3 | | 20  20 |
| V1 378 | Oral History Theory and Practice 3 | | 20 |
| V1 389  V1 391 | Cold War Europe 1945-1991 3  Empires and India: South Asia  1526-1857 3 3 | | 20  20 |
| V1 392 | Medicine and Warfare 3 | | 20 |
| V1 393 | Conflict in the Middle East 1900-1973 3 | | 20 |
| V1 394  V1 395 | Madness & Society: Ancient to Present 3 Work and Community Placement  in Oral History 3 | | 20  20 |
| V1 396  V1 397 | Bringing out the Bodies in History 3  Cities, States and Culture in Renaissance Italy 3 | | 20  20 |
| V1 398 V1 3XX | US Foreign Policy 1945 – 1989 3  Employability and Work Placement  in History 3 | | 20  20 |

### 15300.UG.127 Single Honours Curriculum in History

All students shall undertake a curriculum in History as follows Compulsory Class

V1 475 Dissertation in History 4 40 Optional Classes

80 credits chosen from the lists below including at least 40 credits from List A and 40 credits from List B

### List A: Special Subjects (classes must be taken in pairs as indicated)

|  |  |  |
| --- | --- | --- |
| V1 409 | The Scramble for the Middle East 1, Arab  Nationalism, Zionism and European |  |
|  | Colonial Powers, 1914-1939 4 | 20 |
| and |  |  |
| V1 410 | The Scramble for the Middle East 2, Arab |  |
|  | Nationalism, Zionism and European |  |
|  | Colonial Powers, 1914-1939 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| V1 425 | Scandals and Ethics 1: The History of  Pharmacy | 4 | 20 |
| and V1 426 | Scandals and Ethics 2: The History of |  |  |
|  | Pharmaceuticals | 4 | 20 |
| V1 427 | Britain, France and European Unity 1, 1945-1956 | 4 | 20 |
| and V1 428 | Britain, France and European Unity 2, |  |  |
|  | 1957-1973 | 4 | 20 |
| V1 429 | The 1707 Act of Union in a British and European Context 1 | 4 | 20 |
| and V1 430 | The 1707 Act of Union in a British |  |  |
|  | and European Context 2 | 4 | 20 |
| V1 435 | The United States between the Wars: 1 World War One and the Prosperity Decade | 4 | 20 |
| and V1 436 | The United States Between the Wars: |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | 2 The Great Depression and the New Deal | 4 | 20 |
| V1 444 | The Price of Health Care: The UK, Canada and USA, since 1800: 1 | 4 | 20 |
| and V1 445 | The Price of Health Care: The UK, |  |  |
|  | Canada and USA, since 1800: 2 | 4 | 20 |
| V1 446 | Scotland and Britain 1:  The Development of Scottish and British National Identities in Scotland from c1707 to c1850 | 4 | 20 |
| and V1 447 | Scotland and Britain 2: |  |  |
|  | The Development of Scottish and British National Identities in Scotland since c1850 | 4 | 20 |
| V1473 | Histories of Terrorism: Case-Studies and Comparisons in the Modern Age 1 | 4 | 20 |
| and V1476 | Histories of Terrorism: Case-Studies |  |  |
| V1 480 | and Comparisons in the Modern Age 2 The Power of Persuasion: Media, Propaganda and the State in the 20C I | 4  4 | 20  20 |
| and V1 481 | The Power of Persuasion: Media, |  |  |
|  | Propaganda and the State in the 20C II | 4 | 20 |
| V1 483 | Men at War, 1914-1945 (Part 1) | 4 | 20 |
| and V1 484 | Men at War, 1914-1945 (Part 2) | 4 | 20 |
| V1485 | From Ancient Passions to Modern Feelings; The History of Emotions 1 | 4 | 20 |
| and V1486 | From Ancient Passions to Modern |  |  |
|  | Feelings; The History of Emotions 2 | 4 | 20 |
| V1 488 | Science, Technology and Industrial Innovation I | 4 | 20 |
| and V1 489 | Science, Technology and Industrial |  |  |
| V1 701 | Innovation II  The Scottish Revolution of 1688-90 in a British And European Context I | 4  4 | 20  20 |

|  |  |  |  |
| --- | --- | --- | --- |
| and  V1 702 | The Scottish Revolution of 1688-90 |  |  |
|  | in a British And European Context II | 4 | 20 |
| V1 703 | For the Benefit of Mankind? Human Experiments in History (Part 1) | 4 | 20 |
| and V1 704 | For the Benefit of Mankind? Human |  |  |
|  | Experiments in History (Part 2) | 4 | 20 |
| V1 7XX  and | Enemies of All Mankind: The Rise, Fall and Enduring Impact of Atlantic Piracy, 1660-1730 (Part 1) | 4 | 20 |
| V1 7XX | Enemies of All Mankind: The Rise, Fall and Enduring Impact of Atlantic Piracy, 1660-1730 (Part 2) | 4 | 20 |
| V1 941 | Imperialism, Politics and Society in Britain 1,1870–1914 | 4 | 20 |
| and V1 942 | Imperialism, Politics and Society |  |  |
|  | in Britain 2, 1870–1914 | 4 | 20 |
| V1 944 | Social History of Work, 1880–1951: 1 Perspectives | 4 | 20 |
| and V1 945 | Social History of Work, 1880–1951: 2 |  |  |
|  | Primary Sources | 4 | 20 |
| V1 951 | Madness in the Modern World 1 | 4 | 20 |
| and V1 952 | Madness in the Modern World 2 | 4 | 20 |

**List B: Honours Classes\***

|  |  |  |  |
| --- | --- | --- | --- |
| V1 404 | France at War, 1870-1962 | 4 | 20 |
| V1 405 | Scottish Society since 1914 | 4 | 20 |
| V1 406 | Cold War Europe 1945-1991 | 4 | 20 |
| V1 407 | Bombers and Mash: Britain and |  |  |
|  | the Home Front 1939-1945 | 4 | 20 |
| V1 419 | Scotland’s ‘Highland Problem?’: |  |  |
|  | Crown-Clan Relations in the Sixteenth |  |  |
|  | Century | 4 | 20 |
| V1 420 | Living under a Dictator: Politics and |  |  |
|  | Society in Fascist Italy | 4 | 20 |
| V1 424 | The Covenanters and the British |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Civil Wars, c1637-51 | 4 | 20 |
| V1 432 | Meiji Japan: Samurai to Entrepreneurs | 4 | 20 |
| V1 449 | The American West | 4 | 20 |
| V1 456 | Oral History: Theory and Practice | 4 | 20 |
| V1 457 | Madness & Society: Ancient to Present | 4 | 20 |
| V1 462 | Disability in Modern Britain | 4 | 20 |
| V1 468 | Sex, Medicine and Society in Britain |  |  |
|  | and Ireland1880’s – 1980’s | 4 | 20 |
| V1 471 | Living Under the Raj: Colonial South |  |  |
|  | Asia 1857-1947 | 4 | 20 |
| V1 472 | Bringing out the Bodies in History | 4 | 20 |
| V1 474 | The 'westward enterprise': Scotland, |  |  |
|  | Ulster and America, c.900-1783 | 4 | 20 |
| V1 479 | Slavery in World History | 4 | 20 |
| V1 482 | Irish Society, c1700-1860 | 4 | 20 |
| V1 487 | Islands in the Sea: The Maritime World | 3 | 20 |
|  | Of the Atlantic Archipelago |  |  |
| V1 493 | Medicine and Warfare in the |  |  |
|  | Twentieth Century | 4 | 20 |
| V1 498 | Empires and India: South Asia |  |  |
|  | 1526-1857 | 4 | 20 |
| V1 499 | Work and Community Placement in |  |  |
|  | Oral History | 4 | 20 |
| V1 705 | US Foreign Policy 1945-1989 | 4 | 20 |
| V1 946 | Dangerous Drugs and Magic Bullets: |  |  |
|  | Social History of Medicines, |  |  |
|  | 1800 – 2000 | 4 | 20 |
| V1 958 | Propaganda and War in the Twentieth |  |  |
|  | Century | 4 | 20 |

\* Some restrictions apply on combinations of classes in this list with those in List A - Special Subjects.

**15300.UG.128 Major Honours Curriculum in History with another Subject** All students shall undertake a curriculum in History as follows Compulsory Class

V1 940 History Dissertation 4 20

Optional Classes

40 credits chosen from List A in Regulation 15300.UG.127 and 20 credits chosen from List B in Regulation 15300.UG.127

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.129 Joint Honours Curriculum in History and another Subject

All students shall undertake a curriculum in History as follows Optional Classes

40 credits chosen from List A in Regulation 15300.UG.127 and either

20 credits chosen from List B in Regulation 15300.UG.127 Or

V1 940 History Dissertation 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.130 Minor Honours Curriculum in History with another Subject** All students shall undertake a curriculum in History as follows Optional Classes

40 credits chosen from List B in Regulation 15300.UG.127

### 15300.UG.131 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.141 (numbers not used)

**15300.UG.142 Specialisation in Journalism and Creative Writing**

Students taking Journalism and Creative Writing as a Principal Subject shall undertake a curriculum in Journalism and Creative Writing as follows:

*Journalism and Creative Writing as a First or Second Principal Subject*

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| P3 200 | Creative Writing 2 | 2 | 20 |
| P3 201 | Journalism 2 | 2 | 20 |
| P3 301 | Journalism 3 | 3 | 20 |
| P3 305 | Creative Writing 3 | 3 | 20 |

Optional classes

P3 205 Journalism and Creative Writing: Developing

|  |  |  |  |
| --- | --- | --- | --- |
|  | Readers and Publics | 2 | 20 |
| P3 306 | Writing Real Life | 3 | 20 |
| P3 624 | Journalism and Popular Culture | 3 | 20 |

### 15300.UG.143 Joint Honours Curriculum in Journalism and Creative Writing and another Subject

All students shall undertake a curriculum in Journalism and Creative Writing as follows

Optional Classes

Either 60 credits chosen from

P3 402 Journalism and Popular Culture 4 20

P3 403 Journalism Portfolio 4 20

P3 408 Creative Writing Portfolio 4 20

P3 410 New Narratives 4 20

P3 414 Digital Tools and Skills for Journalism 4 20

P3 415 Media and Health 4 20

P3 728 Ethical Issues in Journalism 4 20

QQ 723 Media and Literary Publics 4 20

P3 412 Writing Fiction 4 20

P3 413 Digital Communication and Society 4 20

HS 809 Contemporary Gender Issues 3 20

Or

40 credits chosen from the list of optional classes above and

P3 404 Dissertation in Journalism 4 20

Or

40 credits chosen from the list of optional classes above And

P3 409 Dissertation in Creative Writing 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.144 Minor Honours Curriculum in Journalism and Creative Writing with another Subject

All students shall undertake a curriculum in Journalism and Creative Writing as follows

Optional Classes

40 credits chosen from List of optional classes in Regulation 15300.UG.143

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.145 Specialisation in Journalism, Media and Communication

Students taking Journalism, Media and Communication as a Principal Subject shall undertake a curriculum in Journalism, Media and Communication as follows:

*Journalism, Media and Communication as a First or Second Principal Subject*

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| P3210 | News Reporting and Writing | 2 | 20 |
| P3209 | Journalism, Media and Communication: |  |  |
|  | Theories and Methods | 2 | 20 |

Optional classes

|  |  |  |  |
| --- | --- | --- | --- |
| P3 208 | Digital Media: History, Theory,  and Practice | 2 | 20 |
| P3 310 | Feature Writing | 3 | 20 |
| P3 311 | Law for Journalists | 3 | 20 |
| P3 624 | Journalism and Popular Culture | 3 | 20 |
| P3 308 | Communicating Politics: Truth, Legitimacy,  Participation 3 | | 20 |
| P3 309 | Working for and with the Scottish media 3 | | 20 |

### 15300.UG.146 Joint Honours Curriculum in Journalism, Media and Communication and another Subject

All students shall undertake a curriculum in Journalism, Media and Communication as follows

Optional Classes

Either 60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| P3 402 | Journalism and Popular Culture | 4 | 20 |
| P3 415 | Media and Health | 4 | 20 |
| P3 417 | Ethical Issues for Journalists: Controversy, Responsibility, Care | 4 | 20 |
| P3 466 | Gender Issues in the Media | 4 | 20 |
| P3 414 | Digital Tools and Skills for Journalism | 4 | 20 |
| P3 411 | Digital Communication and Culture | 4 | 20 |
| P3 416 | Work-based Learning | 4 | 20 |
| Or |  |  |  |

40 credits chosen from the list of optional classes above and

P3 404 Dissertation in Journalism, Media and Communication 4 20

Or

40 credits chosen from the list of optional classes above And

P3 406 Dissertation in Journalism, Media and Communication 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.147 to

**15300.UG.155 (numbers not used) 15300.UG.156 Specialisation in Law**

Students taking Law as a Subject shall undertake a curriculum in Law as follows

Optional Classes Year 2

At least40 credits chosen from the list below

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law \* | 1 | 20 |
| M9 112 | Voluntary Obligations: Contract |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | and Promise\* | 1 | 20 |
| M9 113 | Law and Society \* | 1 | 20 |
| M9 115 | Legal Process \* | 1 | 20 |
| M9 207 | Public Law 2 | 2 | 20 |
| M9 208 | Domestic Relations | 2 | 20 |
| M9 209 | Commercial Law | 2 | 20 |
| M9 210 | Involuntary Obligations: Delict and Unjustified Enrichment | 2 | 20 |
| M9 211 | Property, Trusts and Succession | 2 | 20 |
| M9 212 | European Union Law | 2 | 20 |

\* Students may select a maximum of 20 credits of Level 1 classes.

Year 3

At least 40 credits chosen from the list below

|  |  |  |  |
| --- | --- | --- | --- |
| M9 305 | Law, Film and Popular Culture | 3 | 20 |
| M9 307 | Crime and Punishment | 3 | 20 |
| M9 308 | Human Rights Law | 3 | 20 |
| M9 309 | Employment Law | 3 | 20 |
| M9 311 | Banking Law and Finance | 3 | 20 |
| M9 312 | Legal Theory \*\* | 3 | 20 |
| M9 317 | Public International Law | 3 | 20 |
| M9 318 | Competition Law | 3 | 20 |
| M9 352 | Internet Law | 3 | 20 |
| M9 3XX | Roman Law | 3 | 20 |
| M9 3XX | Sports Law | 3 | 20 |
| M9 3XX | Education Law | 3 | 20 |
| M9 3XX | Law Work Placement 1 | 3 | 20 |
| M9 3XX | Law Work Placement 2 | 3 | 20 |

\*\* Students must have passed M9113 Law and Society

**15300.UG.157 Joint Honours Curriculum in Law and another Subject** All students shall undertake a curriculum in Law as follows Optional Classes

60 credits chosen from

M9 407 Law, Persons and Property 4 20

M9 408 European Union Law 4 20

|  |  |  |  |
| --- | --- | --- | --- |
| M9 409 | Criminology | 4 | 20 |
| M9 410 | Public International Law\*\*\* | 4 | 20 |
| M9 411 | Labour Law | 4 | 20 |
| M9 412 | Law of Business Associations | 4 | 20 |
| M9 414 | Mediation | 4 | 20 |
| M9 416 | Issues in Healthcare Law and Ethics | 4 | 20 |
| M9 417 | Legal Aspects of International Trade | 4 | 20 |
| M9 418 | Law of Competition | 4 | 20 |
| M9 419 | Criminal Law | 4 | 20 |
| M9 424  M9 427  M9 429 | Human Rights Law in Theory and Practice4 Legal Theory\*\* 4 20  Administrative Law 4 | | 20  20 |
| M9 433 | Constitutional Law 4 | | 20 |
| M9 437 | Internet Law 4 | | 20 |
| M9.439 | Global Health Rights and Development 4 | | 20 |
| M9 446 | Environmental Law 4 | | 20 |
| M9 456 | Law, Justice and Society 4 | | 20 |
| M9 463 | Regulating Work in a Global Economy 4 | | 20 |
| M9 464 | Global Environmental Justice 4 | | 20 |
| M9 465 | Miscarriages of Justice 4 | | 20 |
| M9 466 | Transitional Justice 4 | | 20 |
| M9 467 M9 4XX | Competition Law and the Digital Economy 4  Gender and Armed Conflict: Women in War and  Peace-Building 4 20 | | 20 |

\*Students must have passed M9207 Public Law 2 and M9116 Public Law 1

\*\*Students must have passed M9113 Law and Society

\*\*\*Students must have passed M9317 Public International Law Or

M9 436 Dissertation in Law 4 20

and 40 credits chosen from the list of optional classes in Regulation 15300.UG.157

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.158 Minor Honours Curriculum in Law with another Subject** All students shall undertake a curriculum in Law as follows Optional Classes

40 credits chosen from the list of optional classes in Regulation 15300.UG.157

### 15300.UG.159 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.169 (numbers not used)

**15300.UG.170 Specialisation in Modern Languages**

Students taking a Modern Language as a Subject must normally have obtained the credits from the corresponding Level 1 class in Regulation 15300.UG.49. Before entering a Level 3 language class, students must normally have obtained the credits from the corresponding Level 2 language class.

#### French

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R1 203 | French Language 2A | 2 | 20 |
| R1 204 | French Language 2B | 2 | 20 |
| R1 305 | French Language 3A | 3 | 20 |
| R1 306 | French Language 3B | 3 | 20 |

Optional Classes

At least 20 credits related to French chosen from list A below

#### Italian

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R3 203 | Italian Language 2A | 2 | 20 |
| R3 204 | Italian Language 2B | 2 | 20 |
| R3 305 | Italian Language 3A | 3 | 20 |
| R3 306 | Italian Language 3B | 3 | 20 |

Optional Classes

At least 20 credits related to Italian chosen from list A below

#### Spanish

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R4 206 | Spanish Language 2A | 2 | 20 |
| R4 207 | Spanish Language 2B | 2 | 20 |
| R4 308 | Spanish Language 3A | 3 | 20 |
| R4 309 | Spanish Language 3B | 3 | 20 |

Optional Classes

At least 20 credits related to Spanish chosen from list A below:

List A - Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| ***French*** |  | | |
| R1 215 | French Culture and History 2 | 2 | 20 |
| R1 315 | French Culture and History 3 | 3 | 20 |
| ***Italian*** |  |  |  |
| R3 200 | Modern Italy – State, Culture and Society | 2 | 20 |
| R3 374 | Italian Stage and Screen | 3 | 20 |
| ***Spanish*** |  |  |  |
| R4 200 | Independence and Isolation in Spain and Latin America | 2 | 20 |
| R4 373 | The Struggle for Modernity in Spain and Latin America | 3 | 20 |

### 15300.UG.171 Admission to Joint Honours in a Modern Language and another subject

All students must have met the requirements of Regulation 15300.UG.9 For admission to Joint Honours, students must have satisfied the Subject requirement in the language taken.

Before admission to Honours, students are normally required to spend an academic year in residence in a country where the language is spoken, subject to the approval of the Head of School.

### 15300.UG.172 Admission to Minor Honours in a Modern Language

All students must meet the requirements of Regulation 15300.UG.9 For admission to Honours with a Modern Language as the Minor subject, students must have passed 40 Level 2 Language credits and 40 Level 3 Language credits in the Modern Language.

Before admission to Honours, students are normally required to spend an academic year in residence in a country where the language is spoken, subject to the approval of the Head of School.

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.173 Joint Honours Curriculum in a Modern Language and another Subject

All students shall undertake a curriculum in a Modern Language as follows

#### French

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R1 509 | French Honours Spoken Language | 4 | 20 |
| R1 510 | French Honours Written Language | 4 | 20 |

Optional Classes Either

R1 498 Dissertation in French 4 20

Or

20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| R1 401 | Images of Woman | 4 | 10 |
| R1 403 | Black France | 4 | 10 |
| R1 408 | France since 1945 | 4 | 10 |
| R1 411 | Writing the Body in French and |  |  |
| ***Italian*** | Francophone Contemporary Literature | 4 | 10 |

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R3 432 | Italian Honours Spoken Language | 4 | 20 |
| R3 433 | Italian Honours Written Language | 4 | 20 |

Optional Classes Either

R3 498 Dissertation in Italian 4 20

Or

20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| R3 535 | Italian Resistance Culture | 4 | 10 |
| R3 534 | Nineteenth and Twentieth Century |  |  |
|  | Literature | 4 | 10 |

#### Spanish

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R4 501 | Spanish Honours Written Language | 4 | 20 |
| R4 502 | Spanish Honours Spoken Language | 4 | 20 |

Optional Classes Either

R4 498 Dissertation in Spanish 4 20

Or

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| R4 402  R4 406 | Hispanic Studies 4  Translation Studies: Key Debates and Theories | 4  4 | 10  10 |
| R4 449 | Shaping Spain: Ideas, Beliefs and Identity | 4 | 10 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.174 Minor Honours Curriculum in a Modern Language with another Subject

All students shall undertake a curriculum in the Modern Language as follows

#### French Minor

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R1 509 | French Honours Spoken Language | 4 | 20 |
| R1 510 | French Honours Written Language | 4 | 20 |
| ***Italian Minor*** |  |  |  |
| Compulsory Classes | | | |
| R3 432 | Italian Honours Spoken Language | 4 | 20 |
| R3 433 | Italian Honours Written Language | 4 | 20 |

#### Spanish Minor

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| R4 501 | Spanish Honours Written Language | 4 | 20 |
| R4 502 | Spanish Honours Spoken Language | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.175 Honours Curriculum in Modern Languages with a Business Subject

|  |  |  |  |
| --- | --- | --- | --- |
| All students shall undertake a curriculum in Languages as follows | | both | Modern |
| ***French*** | |  |  |
| Compulsory Classes | |  |  |
| R1 509 French Honours Spoken Language | | 4 | 20 |
| R1 510 French Honours Written Language | | 4 | 20 |
| ***Italian*** | |  |  |
| Compulsory Classes | |  |  |
| R3 432 | Italian Honours Spoken Language | 4 | 20 |
| R3 433 | Italian Honours Written Language | 4 | 20 |
| ***Spanish*** |  |  |  |
| Compulsory Classes | | | |
| R4 501 | Spanish Honours Written Language | 4 | 20 |
| R4 502 | Spanish Honours Spoken Language | 4 | 20 |

**15300.UG.176 to**

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.186 (numbers not used)

**15300.UG.187 Specialisation in Politics and International Relations**

All students shall undertake a 2nd Year curriculum in Politics and International Relations as follows

At least 40 credits chosen from the following optional classes Compulsory

L2 2XX Research Methods for Political Science 2 20

Optional Classes

At least 20 credits from the list below

|  |  |  |
| --- | --- | --- |
| L2 201 | International Relations and Global Politics 2 | 20 |
| L2 235 | Political Philosophy 2 | 20 |

All students shall undertake a 3rd Year curriculum in Politics and International Relations as follows

Single Honours

40 credits chosen from the following compulsory classes and a minimum of 60 credits from the optional classes

Joint Honours

20 credits from the following compulsory classes and a minimum of 40 credits from the optional classes

Compulsory Class

L2 3XX Elections, Parties and Public Opinion 1: Essential Readings 3 20

L2 3XX International Relations and Security 1: 3 20

Essential Readings

L2 3XX Public Policy 1: Essential Readings 3

20

Optional classes

|  |  |  |  |
| --- | --- | --- | --- |
| L2 304\* | Quantitative Methods for Social Research | 3 | 20 |
| L2 307 | Chinese Politics | 3 | 20 |
| L2 308 | European Politics | 3 | 20 |
| L2 309 | American Politics | 3 | 20 |
| L2 310 | Scottish Politics | 3 | 20 |
| L2 312 | War, Terrorism and Conflict | 3 | 20 |
| L2 313 | Parliamentary Studies | 3 | 20 |
| L2 340 | Contemporary British Governance | 3 | 20 |
| L2 343 | Philosophy of Economic Policy | 3 | 20 |
| HS 809 | Contemporary Gender Issues |  | 3 20 |

L2 3XX\*\* Elections, Parties and Public Opinion 2: Field Seminar L2 3XX\*\* Public Policy 2: Field Seminar

L2 3XX\*\* International Relations and Security 2: Field Seminar

L2 3XX Advanced Methods 3 20

\* Compulsory if taking L2404 Politics and International Relations Dissertation or L2432 Single Honours Politics and International Relations Dissertation

\*\* One is compulsory if doing L2432 Single Honours Politics and International Relations Dissertation

### 15300.UG.188 Single Honours Curriculum in Politics and International Relations

All students shall undertake a curriculum in Politics and International Relations as follows

Compulsory Class

L2 432 Single Honours Politics and International Relations Dissertation 4 40

Optional Classes

100 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| L2 402 | Governance and Development | 4 | 20 |
| L2 406 | Democratization | 4 | 20 |
| L2 410 | Political Parties: Background to Policy Making | 4 | 20 |
| L2 412 | Green Politics | 4 | 20 |
| L2 413 | Political Behaviour | 4 | 20 |
| L2 421  L2 422 | Feminism and Politics International Relations Theory in a Global Age: Rethinking the  Key Concepts | 4  4 | 20  20 |
| L2 423  L2 426 | Difference and Democracy International Security: Concepts and Issues | 4  4 | 20  20 |
| L2 430 | Analysing Religion and Politics | 4 | 20 |
| L2 4XX | Internship/Work Placement | 4 | 20 |

L2 4XX Advanced Quantitative Methods: Honours Pro-Seminar 4 20

### 15300.UG.189 Major Honours Curriculum in Politics and International Relations with another Subject

All students shall undertake a curriculum in Politics and International Relations as follows

Compulsory Class

L2 404 Politics and International Relations

Dissertation 4 20

and 60 credits chosen from the list of optional classes in Regulation 15300.UG.188

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.190 Joint Honours Curriculum in Politics and International Relations and another Subject

All students shall undertake a curriculum in Politics and International Relations as follows

Optional Classes Either

60 credits chosen from the list of optional classes in Regulation 15300.UG.188

or

L2 404 Politics and International Relations

Dissertation 4 20

and 40 credits chosen from the list of optional classes in Regulation 15300.UG.188

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.191 Minor Honours Curriculum in Politics and International Relations with another Subject

All students shall undertake a curriculum in Politics as follows Optional Classes

40 credits chosen from the list of classes in Regulation 15300.UG.188

### 15300.UG.192 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.202 (numbers not used) 15300.UG.203 Specialisation in Psychology

Students taking any class in Psychology are normally required to attend and perform satisfactorily in the practical and/or statistical work appropriate to their year of study.

Students taking Psychology as a Subject shall undertake a curriculum in Psychology as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| C8 201 | Cognition and Neuropsychology | 2 | 20 |
| C8 202 | Social and Health Psychology | 2 | 20 |
| C8 203 | Introduction to Research Design |  |  |
|  | and Analysis | 2 | 20 |
| C8 321 | Research Methods and Data Analysis | 3 | 20 |
|  |  |  |  |

Optional Classes

40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| C8 303 | Individual Differences | 3 | 20 |
| C8 304 | Cognition | 3 | 20 |
| C8 305 | Development | 3 | 20 |
| C8 306 | Psychobiology | 3 | 20 |
| C8 307 | Social Psychology | 3 | 20 |

### 15300.UG.204 Single Honours Curriculum in Psychology

All students shall undertake a curriculum in Psychology as follows Compulsory Classes

C8 426 Dissertation in Psychology 4 40

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| C8 419 | Advanced Psychological Theory |  | |
|  | and Practice I | 4 | 20 |
| C8 421 | Advanced Psychological Theory |  |  |
|  | and Practice II | 4 | 20 |
| C8 422 | Advanced Psychological Theory |  |  |
|  | and Practice III | 4 | 20 |
| C8 424 | Advanced Psychological Theory |  |  |
|  | and Practice IV | 4 | 20 |
| HR 411 | Advanced Organisational |  |  |
|  | Behaviour | 4 | 20 |
| C8 425 | ERASMUS International Work |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Placement\* | 4 | 20 |
| C8 437 | Psychology Work Placement \* | 4 | 20 |

\*Only one of these classes can be taken

### 15300.UG.205 Major Honours Curriculum in Psychology with another Subject (except Mathematics)

All students shall undertake a curriculum in Psychology as follows Compulsory Classes

C8 427 Dissertation in Psychology 4 20

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| C8 419 | Advanced Psychological Theory |  | |
|  | and Practice I | 4 | 20 |
| C8 421 | Advanced Psychological Theory |  |  |
|  | and Practice II | 4 | 20 |
| C8 422 | Advanced Psychological Theory |  |  |
|  | and Practice III | 4 | 20 |
| C8 424 | Advanced Psychological Theory |  |  |
|  | and Practice IV | 4 | 20 |
| C8 437 | Psychology Work Placement | 4 | 20 |
| HR 411 | Advanced Organisational |  |  |
|  | Behaviour | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.206 Joint Honours Curriculum in Psychology and another Subject (except Mathematics)

All students shall undertake a curriculum in Psychology as follows Optional Classes

60 credits chosen from the list of optional classes in Regulation 15300.UG.205

or

C8 427 Dissertation in Psychology 4 20

and 40 credits chosen from the list of optional classes in Regulation 15300.UG.205

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.207 Joint Honours Curriculum in Psychology and Mathematics

All students shall undertake a curriculum in Psychology and Mathematics as follows

Compulsory Classes

C8 427 Dissertation in Psychology 4 20

Optional Classes

40 credits in Psychology chosen from the list of optional classes in Regulation 15300.UG.205 and 60 credits in Mathematics chosen from the list of optional classes in Regulation 15300.UG.284

### 15300.UG.208 Minor Honours Curriculum in Psychology with another Subject (except Mathematics)

All students shall undertake a curriculum in Psychology as follows Optional Classes

40 credits chosen from the list of optional classes in Regulation 15300.UG.205

### 15300.UG.209 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.219 (numbers not used)

**15300.UG.220 Specialisation in Social Policy**

All students taking Social Policy as a Subject shall undertake a 2nd Year curriculum in Social Policy as follows

At least 40 credits chosen from the following optional classes Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 216 | The Making of Social Policy | 2 | 20 |
| L5 217 | Scottish Social Policy since 1845 | 2 | 20 |
| L5 218 | Key Concepts in Social Welfare | 2 | 20 |

All students shall undertake a 3rd Year curriculum in Social Policy as follows

Compulsory Classes

|  |  |  |
| --- | --- | --- |
| L5 327 | Understanding Comparative Social Policy: |  |
|  | Theories, Methods and Analysis 3 | 20 |
| L5 335\* | Research Methods for Social Policy 3 | 20 |

\* This is not compulsory if taking L2 305 Research Methods for Political Scientists as a Politics and International Relations student

Optional classes

At least 20 credits from the following list:

|  |  |  |  |
| --- | --- | --- | --- |
| L5 328 | Emotions, Criminology and Criminal |  | |
|  | Justice |  |  |
| L5 332 | Understanding Welfare Reform | 3 | 20 |

### 15300.UG.221 Joint Honours Curriculum in Social Policy and another Subject

All students shall undertake a curriculum in Social Policy as follows

|  |  |  |  |
| --- | --- | --- | --- |
| Either |  | | |
| L5 417 | Dissertation in Social Policy | 4 | 20 |
| L5 418 | Global Challenges | 4 | 20 |
| Plus an optional class (20 credits) from the following list: | | | |
| L5 405 | Gender Based Violence: Issues and Concepts | 4 | 20 |
| L5 416 | Understanding Disability and Disability Policy | 4 | 20 |
| Or |  |  |  |
| L5 418 | Global Challenges | 4 | 20 |

Plus, two optional classes (40 credits) from the following list L5 405 Gender Based Violence: Issues

and Concepts 4 20

L5 416 Understanding Disability and

Disability Policy 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

Students may not repeat a class taken in year 3 as part of their year 4 programme.

### 15300.UG.222 Minor Honours Curriculum in Social Policy with another Subject

All students shall undertake a curriculum in Social Policy as follows

No more than 40 credits from the following classes:

|  |  |  |  |
| --- | --- | --- | --- |
| L5418 | Global Challenges | 4 | 20 |
| And Either L5405 | Gender Based Violence: Issues and |  |  |
|  | Concepts | 4 | 20 |
| L5416 | Understanding Disability and Disability Policy | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.223 to

Students may not repeat a class taken in year 3 as part of their year 4 programme.

### 15300.UG.247 (numbers not used)

**15300.UG.248 Specialisation in Economics**

Students taking Economics as a Subject shall undertake a curriculum in Economics as follows

Compulsory Classes

EC 215 Intermediate Microeconomics 2 20

EC 216 Intermediate Macroeconomics and

Data Analysis 2 20

EC 315 Topics in Microeconomics with

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cross Section Econometrics | 3 | 20 |
| EC 316 | Topics in Macroeconomics |  |  |
|  | with Time Series |  |  |
|  | Econometrics | 3 | 20 |

### 15300.UG.249 Joint Honours Curriculum in a Humanities and Social Sciences Subject and Economics

All students shall undertake a curriculum as follows Compulsory Classes

Either

EC 421 Advanced Microeconomics 4 20

Or

EC 422 Advanced Macroeconomics 4 20

Optional Classes

40 credits chosen from the following list of optional classes

### 15300.UG.250 to

|  |  |  |  |
| --- | --- | --- | --- |
| EC 412 | Industrial Economics | 4 | 20 |
| EC 413 | Applied Econometrics | 4 | 20 |
| EC 415 | Behavioural Economics | 4 | 20 |
| EC 416 | Natural Resource, Environmental & |  |  |
|  | Energy Economics | 4 | 20 |
| EC 419 | Economics Dissertation | 4 | 20 |
| EC 420 | Labour Economics | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.260 (numbers not used)

**15300.UG.261 Specialisation in Hospitality and Tourism Management**

Students taking Hospitality and Tourism Management as a Subject shall undertake a curriculum in Hospitality and Tourism Management as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MG 211 | Managing the Service Encounter | 2 | 20 |
| MG 212 | Destination Marketing Management | 2 | 20 |
| MG 314 | Event Management and Working in the |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| MG 316 | Third Sector  Internationalisation of Tourism Products | 3 | 20 |
|  | And Services | 3 | 20 |

### 15300.UG.262 Joint Honours Curriculum in a Modern Language and Hospitality and Tourism Management

All students shall undertake a curriculum in Hospitality and Tourism Management as follows

Compulsory Class

MG 423 Hospitality and Tourism Management

Analysis: Case Studies and Case Histories 4 20 Optional Classes

40 credits chosen from

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SH 408 | HTM Dissertation |  | 4 | 20 |
| SH 424 | Being an Ethical Manager | 4 | 20 |  |
| MG 402 Management, Enterprise and the Rise of the | | | | |
|  | Global Economy | 4 | 20 | |
| MG 418 | Strategy and Leadership | 4 | 20 | |

### 15300.UG.263 to

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.273 (numbers not used)

**15300.UG.274 Specialisation in Human Resource Management**

Students taking Human Resource Management as a Subject shall undertake a curriculum in Human Resource Management as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| HR 207 | Work Psychology | 2 | 20 |
| HR 208 | Work Psychology for Human Resource |  |  |
|  | Management | 2 | 20 |
| HR 303 | Employment Relations | 3 | 20 |
| HR 302 | Work, Employment and Society | 3 | 20 |

### 15300.UG.275 Joint Honours Curriculum in a Humanities and Social Sciences Subject and Human Resource Management

All students shall undertake a curriculum in Human Resource Management as follows

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| HR 411 | Advanced Organisational Behaviour | 4 | 20 |
| HR 402 | Perspectives on Work and Employment | 4 | 20 |
| HR 408 | HRM and Employment Relations in |  |  |
|  | Public Services | 4 | 20 |
| HR 409 | HRM Dissertation (HaSS) | 4 | 20 |
| HR 410 | People, Work and the Global Economy | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.276 to**

**15300.UG.286 (numbers not used)**

|  |  |  |
| --- | --- | --- |
| **15300.UG.287** | **Specialisation in Marketing** |  |
|  | Students taking Marketing as a Subject shall undertake a curriculum as follows |
|  | Compulsory Classes |
|  | MK 209 Understanding Consumers  and Markets 2 | 20 |
|  | MK 212 Services and Retail Marketing 2  MK 328 Strategic Marketing in an International Context 3 | 20  20 |
|  | MK 329 Marketing Communications in a  Digital Age 3 | 20 |
|  |  |  |

**15300.UG.288 Joint Honours Curriculum in a Modern Language and Marketing**

All students shall undertake a curriculum in Marketing as follows Compulsory Classes

MK 412 Brand Management 4 20

Optional Classes

40 credits chosen from

### 15300.UG.289 to

|  |  |  |  |
| --- | --- | --- | --- |
| MK 410 | Advances in Consumer Behaviour | 4 | 20 |
| MK 415 | International Business Management | 4 | 20 |
| MK 416 | Managing Customer Relations | 4 | 20 |
| MK 418 | Social Marketing | 4 | 20 |
| MK 419 | Sports Marketing | 4 | 20 |
| MK 421 | Managing Integrated Marketing |  |  |
|  | Comms: Theory & Practice | 4 | 20 |
| MK 424 | Tourism Marketing | 4 | 20 |
| MK 425 | Small Business Marketing | 4 | 20 |
| MK 429 | Dissertation | 4 | 20 |

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

### 15300.UG.290 (numbers not used)

**15300.UG.291 Specialisation in Mathematics**

Compulsory Classes

MM 201 Linear Algebra and Differential Equations 2 20

MM 204 Probability and Statistical Interference 2 20

MM 302 Differential Equations 3 20

MM 304 Inference and Regression Modelling 3 20

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 202 | Advanced Calculus | 2 | 20 |
| MM 206 | Mathematical and Statistical Computing | 2 | 20 |
| MM 300 | Complex Variables and Integral |  |  |
|  | Transforms | 3 | 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| MM 307 | Stochastics and Financial Econometrics | 3 | 20 |

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

### 15300.UG.292 Joint Honours Curriculum in Psychology and Mathematics

All students shall undertake a curriculum in Mathematics as

follows

Optional Classes

60 credits chosen from

|  |  |  |
| --- | --- | --- |
| MM 402 | Modelling and Simulation with Applications |  |
|  | to Financial Derivatives 4 | 20 |
| MM 403 | Applicable Analysis 4 | 20 |
| MM 404 | Statistical Modelling and Analysis 4 | 20 |
| MM 405 | Fluids and Waves 4 | 20 |
| MM 406 | Finite Element Methods for Boundary |  |
|  | Value Problems and Approximation 4 | 20 |
| MM 407 | Applied Statistics in Society 4 | 20 |
| MM 408 | Mathematical Biology and Marine Population |  |
|  | Modelling 4 | 20 |
| MM 409 | Mathematical Introduction to Networks 4 | 20 |
| MM 412 | Optimization: Theory and Practice 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology 4 | 20 |

\*\*Please note that not all of these classes will be available every year

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## FACULTY COURSES

**HUMANITIES AND SOCIAL SCIENCES**

**BA in the Faculty of Humanities and Social Sciences Diploma of Higher Education**

**Certificate of Higher Education**

**Course Regulations**

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

### 15300.UG.1 Status of the Degree

All students will normally have been admitted in the first instance to another Honours course in the Faculty of Humanities and Social Sciences.

### 15300.UG.2 Mode of Study

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

### Curriculum (Full-time study)

**15300.UG.3 First Year**

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences.

### 15300.UG.4 Second Year

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences, including at least 100 credits at Level 2.

### 15300.UG.5 Third Year

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences, including at least 60 credits at Level 3.

### 15300.UG.6 Curriculum (Part-time study)

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

### Progress

**15300.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15300.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

### Award

**15300.UG.9 BA**: In order to qualify for the award of the degree of BA in the Faculty of Humanities and Social Sciences, a candidate must have accumulated no fewer than 360 credits from the course curriculum. Students who elect to graduate after completing three Levels of an Honours programme, or who gain 360 credits but do not meet the Honours entry requirements of their Subject(s), or who fail to gain 120 credits in their Honours year, may graduate with the degree of BA in the Faculty of Humanities and Social Sciences.

**15300.UG.10 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in the Faculty of Humanities and Social Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15300.UG.11 Certificate of Higher Education** In order to qualify for the award of a Certificate of Higher Education in the Faculty of Humanities and Social Sciences Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

**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 General Undergraduate Regulations]

### 15402.GD.39 Admission

Regulation 0000.1.GD.1 shall apply (see General Undergraduate Regulations).

### 15402.GD.40 Duration of Study

Regulations 00001.GD.5 and 00001.GD.6 shall apply (see General Undergraduate Regulations)

### 15402.GD.41 Mode of Study

The course is available by full-time study only.

### 15402.GD.42 Curriculum

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

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| **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  AF 413 | Study Skills for Postgraduate Study Speaking and Listening in  Specific Academic Contexts | 4  4 | 10  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 |

### 15402.GD.43 Examination, Progress and Final Assessment

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

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

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

### 15402.GD.44 Award

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

# SCHOOL OF GOVERNMENT AND PUBLIC POLICY

## PHILOSOPHY, POLITICS AND ECONOMICS

**BA with Honours in Philosophy, Politics and Economics BA with Honours in Philosophy, Politics and Economics with International Study**

**BA in Philosophy, Politics and Economics**

**BA in Philosophy, Politics and Economics with International Study**

**Diploma of Higher Education in Philosophy, Politics and Economics**

**Certificate of Higher Education in Philosophy, Politics and Economics**

**Course Regulations**

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

### 15446.UG.1 Status of the Courses

All students are normally admitted in the first instance as potential Honours students.

Students may be admitted directly to Year 2 with advanced standing of 120 credits.

### 15446.UG.2 Mode of Study

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

### Place of Study

**15446.UG.3** The BA Hons in Philosophy, Politics and Economics with International Study requires accredited study at an approved institution abroad for a period of at least one semester.

### Curriculum First Year

**15446.UG.4** All students shall undertake classes amounting to 120 credits as

follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L2 104 | Philosophy: Logic and Argumentation | 1 | 20 |
| L2 107 | Politics and International Relations |  |  |
|  | 1a: Concepts and Processes | 1 | 20 |
| L2 108 | Politics and International |  |  |
|  | Relations 1b: Decision Making and |  |  |
|  | Outcomes | 1 | 20 |

EC 111 Introduction to Economics 1 20

Optional Classes

40 credits chosen from the list of classes in Regulation 15300.UG.49

### Second Year

**15446.UG.5** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

L2 201 International Relations and Global Politics 2 20

|  |  |  |  |
| --- | --- | --- | --- |
| L2 204 | Comparative Politics | 2 | 20 |
| L2 234 | Logic and Ethical Reasoning | 2 | 20 |
| L2 235 | Political Philosophy | 2 | 20 |
| EC215 | Intermediate Microeconomics | 2 | 20 |
| EC216 | Intermediate Macroeconomics & |  |  |
|  | Data Analysis | 2 | 20 |

### Third Year

**15446.UG.6** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

L2 305 Research Methods for Political Scientists3 20

|  |  |  |  |
| --- | --- | --- | --- |
| L2 342 | Logic of Scientific Inquiry | 3 | 20 |
| L2 343 | Philosophy of Economic Policy | 3 | 20 |
| EC 315 | Topics in Microeconomics with Cross | Section |  |
|  | Econometrics | 3 | 20 |
| EC316 | Topics in Macroeconomics with Time | Series |  |
|  | Econometrics | 3 | 20 |

Students will take an additional 20 units from optional classes in Politics (Regulation 15300.UG.187), OR Economics (Regulation 12800.UG.76) OR from the list of Interdisciplinary elective classes approved by the Faculty.

### Fourth Year

**15446.UG.7** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L2 499 | Dissertation in Politics | 4 | 20 |
| Or |  |  |  |
| EC 419 | Dissertation in Economics | 4 | 20 |
| L2 431 | Seminar in Philosophy, Politics and Economics | 4 | 20 |

Optional Classes

Classes amounting to 80 credits chosen from the optional Politics classes in Regulation 15300.UG.188 and optional Economics classes in Economics in Regulation 12800.UG.76

### Curriculum (Part-time study)

**15446.UG.8** Part-time students will normally take classes amounting to 60 credits in each year of study.

### Progress (Full-time Study)

**15446.UG.9** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations

**15446.UG.10** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15446.UG.11** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Progress (Part-time Study)

**15446.UG.12** In any year of study, students must normally pass all classes taken.

### Final Honours Classification

**15446.UG.13** The final Honours classification will normally be based on:

1. the first assessed attempt at compulsory and specified optional classes taken in the Honours year and, as appropriate, in the third year;
2. the current conventions governing the award of BA Honours degrees.

### Award

**15446.UG.14 BA with Honours**: In order to qualify for the award of the degree of BA with Honours in Philosophy, Politics and Economics Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15446.UG.15 BA with Honours with International Study:** In order to qualify for the award of the degree of BA with Honours in Philosophy,

Politics and Economics Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15446.UG.16 BA:** In order to qualify for the award of the degree of BA in Philosophy, Politics and Economics Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15446.UG.17 BA with International Study:** In order to qualify for the award of the degree of BA in Philosophy, Politics and Economics Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

And must include at least one semester at a partner institution abroad.

**15446.UG.18 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Philosophy, Politics and Economics Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15446.UG.19 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Philosophy, Politics and Economics Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF HUMANITIES

**CONTINUING EDUCATION**

**Certificate of Continuing Education in French**

*These regulations are to be read in conjunction with Regulation 22.1.*

**Admission**

1. Applicants for admission to the programme 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 programme of study.

**Duration**

1. The programme is offered on a part-time basis only, normally over a period of four years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

**Nature of Study**

1. The programme will consist of approximately 200 lecture/tutorial hours comprising four modules 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**

1. All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| R1109 | Introduction to French 1A | 1 | 20 |
| R1110 | Introduction to French 1B | 1 | 20 |
| R1203 | French Language 2A | 1 | 20 |
| R1204 | French Language 2B | 1 | 20 |
| R1210 | Dealing with Difference in France and Francophone World | 1 | 20 |
| R1305 | French Language 3A | 1 | 20 |

**Progress**

1. 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 modules taken

in that year. Candidates who in the opinion of the Head of the Department offering a module do not satisfy the requirements as to attendance and performance shall not be entitled to take the examination in the subject of that module and shall be so informed. The names of such candidates shall be reported immediately to the Board of Study concerned.

1. In order to proceed to the next year of the programme, students must pass all modules for which they are registered by September.

**Award**

1. In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF HUMANITIES

**CONTINUING EDUCATION**

**Certificate of Continuing Education in Italian**

*These regulations are to be read in conjunction with Regulation 22.1.*

**Admission**

1. Applicants for admission to the programme 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 programme of study.

**Duration**

1. The programme is offered on a part-time basis only, normally over a period of three years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

**Nature of Study**

1. The programme will consist of approximately 200 lecture/tutorial hours comprising six modules 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**

1. All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| R3114 | Introduction to Italian 1A | 1 | 20 |
| R3115 | Introduction to Italian 1B | 1 | 20 |
| R3208 | Modern Italy – State, Culture and Society | 1 | 20 |
| R3209 | Italian Language 2A | 1 | 20 |
| R3210 | Italian Language 2B | 1 | 20 |
| R3394 | Italian Language 3A | 1 | 20 |

**Progress**

1. 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 modules taken in that year. Candidates who in the opinion of the Head of the Department offering a module do not satisfy the requirements as to attendance and performance shall not be

entitled to take the examination in the subject of that module and shall be so informed. The names of such candidates shall be reported immediately to the Board of Study concerned. The modules Introduction to Italian 1A, 2B and 3A are continuous assessment modules only.

1. In order to proceed to the next year of the programme, students must pass all modules for which they are registered by September.

**Award**

1. In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF HUMANITIES

**CONTINUING EDUCATION**

**Certificate of Continuing Education in Spanish**

*These regulations are to be read in conjunction with Regulation 22.1.*

**Admission**

1. Applicants for admission to the programme 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 programme of study.

**Duration**

1. The programme is offered on a part-time basis only, normally over a period of four years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

**Nature of Study**

1. The programme will consist of approximately 200 lecture/tutorial hours comprising four modules 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**

1. All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| R4109 | Introduction to Spanish 1A | 1 | 20 |
| R4110 | Introduction to Spanish 1B | 1 | 20 |
| R4200 | Independence and Isolation in Spain and Latin America | 1 | 20 |
| R4206 | Spanish Language 2A | 1 | 20 |
| R4207 | Spanish Language 2B | 1 | 20 |
| R4308 | Spanish Language 3A | 1 | 20 |

**Progress**

1. 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 modules taken in that year. Candidates who in the opinion of the Head of the Department offering a

module do not satisfy the requirements as to attendance and performance shall not be entitled to take the examination in the subject of that module and shall be so informed. The names of such candidates shall be reported immediately to the Board of Study concerned.

1. In order to proceed to the next year of the programme, students must pass all modules for which they are registered by September.

**Award**

1. In order to qualify for the award of the Certificate a candidate must have accumulated no fewer than 120 credits.

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES SCHOOL OF HUMANITIES

**CONTINUING EDUCATION**

**Certificate of Applied Language Study in French Certificate of Applied Language Study in Italian Certificate of Applied Language Study in Spanish**

*These regulations are to be read in conjunction with Regulation 22.1.*

**Admission**

1. 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**

1. The programme is offered on a part-time basis only, normally over a period of four years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

**Nature of Study**

1. The programmes consist of approximately 200 lecture/tutorial hours comprising four modules 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**

1. All students shall undertake a curriculum based on the accumulation of no fewer than 114 credits as follows:

**French First Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| FR101 | French A | 1 | 12 |
| FR102 | French B | 1 | 12 |

**Second Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| FR201 | French C | 2 | 15 |
| FR202 | French D | 2 | 15 |

**Third Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| FR301 | French E | 3 | 15 |
| FR302 | French F | 3 | 15 |

**Fourth Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| FR303 | French G | 3 | 15 |
| FR304 | French H | 3 | 15 |

**Italian First Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| IT102 | Italian A | 1 | 12 |
| IT103 | Italian B | 1 | 12 |

**Second Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| IT201 | Italian C | 2 | 15 |
| IT201 | Italian D | 2 | 15 |

**Third Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| IT301 | Italian E | 3 | 15 |
| IT302 | Italian F | 3 | 15 |

**Fourth Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| IT303 | Italian G | 3 | 15 |
| IT304 | Italian H | 3 | 15 |

**Spanish First Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| SP101 | Spanish A | 1 | 12 |
| SP102 | Spanish B | 1 | 12 |

**Second Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| SP201 | Spanish C | 2 | 15 |
| SP202 | Spanish D | 2 | 15 |

**Third Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| SP302 | Spanish E | 3 | 15 |
| SP303 | Spanish F | 3 | 15 |

**Fourth Year**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| SP304 | Spanish G | 3 | 15 |
| SP305 | Spanish H | 3 | 15 |

**Progress**

1. 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 modules taken in that year
2. In order to proceed to the next year of the programme, students must pass all modules for which they are registered by September.

**Award**

1. 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.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF HUMANITIES**

## INTERCULTURAL COMMUNICATION AND GLOBAL BUSINESS

**BA with Honours in Intercultural Communication and Global Business**

**BA in Intercultural Communication and Global Business**

**Course Regulations**

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

### 15441.UG.1 Admission

Notwithstanding Regulation 00001.UG.1 (see General Undergraduate Regulations), applicants on approved articulation agreements will be admitted directly to Year 3 and will be given advanced standing to reflect their previous study. RPL will be awarded amounting to 240 credits.

### 15441.UG.2 Mode of Study

The courses are available by full-time study only.

### 15441.UG.3 Curriculum First Year

Not offered

### Second Year

Not offered

### Third Year

**15441.UG.4** All students shall undertake classes amounting 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 304  MK 328 | International Leadership Development  Strategic Marketing in an International | 3 | 20 |
|  | Context | 3 | 20 |
| QQ 308  MS 211 | Language in Business and Organisations 3  Managing Business Processes and | | 20 |

Information Systems 3 20

Optional classes

Students must choose 20 credits from List A and 60 credits from List B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| List A |  | | | |
| P3 306 | Writing Real Life | 3 | 20 | |
| M9 352 | Internet law | 3 | 20 | |
| M9 318 | Competition Law | 3 | 20 | |
| L2 312 | War, Terrorism and Conflict | 3 | 20 | |
| L2 340 | Contemporary British Governance | 3 | 20 | |
| QQ 212 | Literature, Language and the International Heritage Industry 3 | |  | 20 |
| List B |  | |  |  |
| L2304 QQ 310 | Quantitative Methods in Social Research International Influences: World Literature And English Literature | | 3  3 | 20  20 |

### Fourth Year

**15441.UG.5** All students shall undertake classes amounting 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| P3 411 | Digital Communication and Culture | 4 | 20 |
| BF 404 | Issues and Trends | 4 | 20 |
| R5 400 | Dissertation | 4 | 20 |

Optional Classes

Students must choose 40 credits from List A and 20 credits from List B such that the curriculum comprises at least 100 credits at Level 4.

|  |  |  |  |
| --- | --- | --- | --- |
| List A |  | | |
| QQ 410 | Contemporary Travel Writing | 4 | 20 |
| QQ 408 | Classical Literature in Translation | 4 | 20 |
| QQ 422 | Songs: Music and Literature | 4 | 20 |
| QQ 414 | Literature, Mind and Brain | 4 | 20 |
| List B |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| M9 209 | Commercial Law | 3 | 20 |
| P3 624 | Journalism and Popular Culture | 3 | 20 |
| L2 309 | American Politics | 3 | 20 |

Any such other Level 3 and Level 4 classes chosen from other courses offered by the University as may be approved by the Course Director

### Progress

**15441.UG.6** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations

### Final Honours Classification

**15441.UG.7** The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes which are taken in the fourth year.

### Award

**15441.UG.8 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Intercultural Communication and Global Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations

**15441.UG.9 BA in Intercultural Communication and Global Business:** In order to qualify for the award of BA in Intercultural Communication and Global Business Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) including 240 credits from RPL.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## LLB LAW

**Bachelor of Laws (LLB) with Honours Bachelor of Laws LLB**

**Diploma of Higher Education in Law Certificate of Higher Education in Law**

**Course Regulations**

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

### 15443.UG.1 Mode of Study

The courses are available by full-time and part-time study to Ordinary degree level and by full-time study only at Honours degree level.

### 15443.UG.2 Credit Transfer and Exemption

Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified (see Regulations 15443.UG.25 -15443.UG.27 and 15443.UG.28 - 15443.UG.31).

### Curriculum (Full-time Study)

**15443.UG.3 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

|  |  |  |  |
| --- | --- | --- | --- |
| Compulsory | Classes |  |  |
| M9 111 | Criminal Law | 1 | 20 |
| M9 112 | Voluntary Obligations: Contract and Promise | 1 | 20 |
| M9 113 | Law and Society | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law | 1 | 20 |

### 15443.UG.4 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

|  |  |  |
| --- | --- | --- |
| Compulsory | Classes |  |
| M9 207 | Public Law 2 | 2 20 |
| M9 208 | Domestic Relations | 2 20 |
| M9 209 | Commercial Law | 2 20 |
| M9 210 | Involuntary Obligations: Delict and Unjustified |  |
|  | Enrichment | 2 20 |
| M9 211 | Property, Trusts and Succession | 2 20 |
| M9 212 | European Union Law | 2 20 |
|  |  |  |

### 15443.UG.5 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

M9 306 Evidence 3 20

Elective Class(es) 20

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| M9 3XX | Roman Law | 3 | 20 |
| M9 305 | Law, Film and Popular Culture | 3 | 20 |
| M9 307 | Crime and Punishment | 3 | 20 |
| M9 308 | Human Rights Law | 3 | 20 |
| M9 309 | Employment Law | 3 | 20 |
| M9 3XX | Environmental Regulation | 3 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| M9 311 | Banking Law and Finance | 3 | 20 |
| M9 312 | Legal Theory | 3 | 20 |
| M9 313 | Housing Law | 3 | 20 |
| M9 314 | Intellectual Property Law | 3 | 20 |
| M9 316 | International Private Law | 3 | 20 |
| M9 317 | Public International Law | 3 | 20 |
| M9 318 | Competition Law | 3 | 20 |
| M9 319 | Discrimination and the Law | 3 | 20 |
| M9 345 | Ethics and Justice\* | 3 | 20 |
| M9 352 | Internet Law | 3 | 20 |
| M9 3XX | Sports Law | 3 | 20 |
| M9 3XX | Education Law | 3 | 20 |
| M9 3XX | Law Work Placement 1 | 3 | 20 |
| M9 3XX | Law Work Placement 2 | 3 | 20 |
| M9 3XX | Commercial Law (Advanced) | 3 | 20 |

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

There is no guarantee that all classes will run in each academic

year.

\*Can only be taken by students working in the Law Clinic or approved work placement/experience.

### 15443.UG.6 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

M9 498 Dissertation 4 40

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| M9 404 | Issues in Intellectual Property | 4 | 20 |
| M9 407 | Law, Persons and Property | 4 | 20 |
| M9 408 | European Union Law | 4 | 20 |
| M9 409 | Criminology | 4 | 20 |
| M9 410 | Public International Law | 4 | 20 |
| M9 411 | Labour Law | 4 | 20 |
| M9 412 | Law of Business Associations | 4 | 20 |
| M9 414 | Mediation | 4 | 20 |
| M9 416 | Issues in Healthcare Law and Ethics | 4 | 20 |
| M9 417 | Legal Aspects of International Trade | 4 | 20 |
| M9 418 | Law of Competition | 4 | 20 |
| M9 419 | Criminal Law | 4 | 20 |
| M9 424 | Human Rights Law in Theory and Practice | 4 | 20 |
| M9 427 | Legal Theory | 4 | 20 |
| M9 428 | Legislation | 4 | 20 |
| M9 429 | Administrative Law | 4 | 20 |
| M9 433 | Constitutional Law | 4 | 20 |
| M9 437 | Internet Law | 4 | 20 |
| M9 438 | English Law of Evidence | 4 | 20 |
| M9 439 | Global Health, Rights and Development | 4 | 20 |
| M9 446 | Environmental Law | 4 | 20 |
| M9 452 | Family Law | 4 | 20 |
| M9 456 | Law, Justice and Society | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| 2M9 461 | Cybercrime | 4 | 20 |
| M9 462 | International Private Law | 4 | 20 |
| M9 463 | Regulating Work in a Global Economy | 4 | 20 |
| M9 464 | Global Environmental Justice | 4 | 20 |
| M9 499 | Ethics and Justice\* | 4 | 20 |
| M9 467 | Competition Law and the Digital Economy | 4 | 20 |
| M9 465 | Miscarriages of Justice | 4 | 20 |
| M9 466 | Transitional Justice | 4 | 20 |
| M9 468 | Ethics, Professionalism and Justice | 4 | 20 |
| M9 4XX | Gender and Armed Conflict: Women in War |  |  |
|  | And Peace-building | 4 | 20 |
| M9 4XX | Environmental Democracy | 4 | 20 |

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

There is no guarantee that all classes will run in each academic

year.

\*Can only be taken by students working in the Law Clinic or approved work placement/experience.

### Curriculum (Part-time study)

**15443.UG.7 First Year**

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |

### 15443.UG.8 Second Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

M9 112 Voluntary Obligations: Contract and Promise 1 20

M9 113 Law and Society 1 20

M9 207 Public Law 2 2 20

M9 210 Involuntary Obligations: Delict and Unjustified Enrichment 2 20

### 15443.UG.9 Third Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| M9 208 | Domestic Relations | 2 | 20 |
| M9 209 | Commercial Law | 2 | 20 |
| M9 211 | Property, Trusts and Succession | 2 | 20 |
| M9 212 | European Community Law | 2 | 20 |

### 15443.UG.10 Fourth Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Class

M9 306 Evidence 3 20

Optional Classes

60 credits chosen from the classes listed in Regulation 15443.UG.5.

### 15443.UG.11 Fifth Year

All part-time students shall normally undertake classes amounting to 40 credits as follows

Optional Classes

40 credits chosen from the classes listed in Regulation 5443.UG.5

### Progress (Full-time Study)

**15443.UG.12** In order to progress to the second year Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15443.UG.13** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15443.UG.14** In order to progress to the Honours year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Progress (Part-time study)

**15443.UG.15** In order to progress to the second year of the course, a student must normally have accumulated at least 60 credits from the course curriculum.

**15443.UG.16** In order to progress to the third year of the course, a student must normally have accumulated at least 140 credits from the course curriculum including those for all the first year compulsory classes.

**15443.UG.17** In order to progress to the fourth year of the course, a student must normally have accumulated at least 220 credits from the course curriculum

**15443.UG.18** In order to progress to the fifth year of the course, a student must normally have accumulated at least 300 credits from the course curriculum.

### Transfer

**15443.UG.19** A student who has qualified for the part-time LLB and who meets the requirements of Regulation 00001.UG.1.45 (see General Undergraduate Regulations may apply to transfer to the full-time LLB Honours degree programme.

### Final Honours Classification

**15443.UG.20** The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes taken in the fourth year.

### Award

**15443.UG.21 LLB with Honours:** In order to qualify for the award of the degree of LLB with Honours Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15443.UG.22 LLB:** In order to qualify for the award of the degree of LLB Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15443.UG.23 Diploma of Higher Education:** In order to qualify for the award of the Diploma of Higher Education in Law Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15443.UG.24 Certificate of Higher Education:** In order to qualify for the award of the Certificate of Higher Education in Law Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

### Students Admitted to the Course with Advanced Standing 15443.UG.25 Credit Transfer and RPL

Students holding appropriate qualifications may be admitted with advanced standing to the course to reflect their previous degree or degree equivalent. Such students may be awarded credit transfer or RPL amounting to a maximum of 80 credits and shall undertake, in the case of full-time students, the special curriculum in Regulations 15443.UG.26 and 15443.UG.27 and in the case of part-time students, the curriculum in Regulations 15443.UG.28 and15443.UG.29.

### Curriculum (Full-time Study, Graduate Entry)

**15443.UG.26 Second Year**

Students are admitted with advanced standing and are admitted direct to second year. All full-time students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 112 | Voluntary Obligations: Contract and Promise | 1 | 20 |
| M9 113 | Law and Society | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |
| M9 208 | Domestic Relations | 2 | 20 |

### 15443.UG.27 Third Year

All full-time students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes

M9 207 Public Law 2 2 20

M9 209 Commercial Law 2 20

M9 210 Involuntary Obligations: Delict and Unjustified Enrichment 2 20

M9 211 Property, Trusts and Succession 2 20

M9 212 European Union Law 2 20

M9 306 Evidence 3 20

Optional Classes

20 credits chosen from the classes listed in Regulation 15443.UG.5

### Fourth Year Transfer

A student who has qualified for the LLB and who meets the requirements of Regulation 00001.UG.1.45 may apply (see General Undergraduate Regulations) to transfer to the full-time LLB Honours degree programme.

See Regulation 15443.UG.6

### Curriculum (Part-time study, Graduate Entry)

**15443.UG.28 Second Year**

Students are admitted with advanced standing and are admitted direct to second year. All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |

### 15443.UG.29 Third Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

M9 112 Voluntary Obligations: Contract

and Promise 1 20

M9 113 Law and Society 1 20

M9 207 Public Law 2 2 20

M9 210 Involuntary Obligations: Delict and Unjustified Enrichment 2 20

### 15443.UG.30 Fourth Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 208 | Domestic Relations | 2 | 20 |
| M9 209 | Commercial Law | 2 | 20 |
| M9 211 | Property, Trusts and Succession | 2 | 20 |
| M9 212 | European Union Law | 2 | 20 |

### 15443.UG.31 Fifth Year

All part-time students shall normally undertake classes amounting to 40 credits as follows

Compulsory Class

M9 306 Evidence 3 20

Optional Classes

20 credits chosen from the classes listed in Regulation 15443.UG.5

### 15443UG.32 Progress (Full-time Study, Graduate Entry)

Students must have accumulated no fewer than 120 from the course curriculum.

### Progress (Part-time study, Graduate Entry)

**15443.UG.33** In order to progress to the third year of the course, a student must normally have accumulated at least 60 credits from the course curriculum.

**15443.UG.34** In order to progress to the fourth year of the course, a student must normally have accumulated at least 140 credits from the course curriculum.

**15443.UG.35** In order to progress to the fifth year of the course, a student must normally have accumulated at least 220 credits from the course curriculum including those for any compulsory classes.

### Transfer

**15443.UG.36** A student who has qualified for the LLB and who meets the requirements of Regulation 00001.UG.1.45 may apply (see General Undergraduate Regulations) to transfer to the full-time LLB Honours degree programme.

### Award

**15443.UG.37** LLB: Regulation 15443.UG.22 shall apply.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## LAW WITH A MODERN LANGUAGE

**LLB with Honours in Law with a Modern Language LLB in Law with a Modern Language**

**Diploma of Higher Education in Law with a Modern Language Certificate of Higher Education in Law with a Modern Language**

**Certificate of Higher Education in Law**

**Course Regulations**

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

### 15443.UG.107 Mode of Study

The courses are available by full-time study only.

### 15443.UG.108 Place of Study

The LLB with Honours in Law with a Modern Language includes a year of study at an approved European University.

### Curriculum 15443.UG.109 First Year

All students shall undertake classes amounting to 140 credits as follows

Compulsory Classes Level Credit

|  |  |  |  |
| --- | --- | --- | --- |
| M9 112 | Voluntary Obligations: Contract |  | |
|  | and Promise | 1 | 20 |
| M9 113 | Law and Society | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |

together with 40 credits in the chosen Modern Language (ie a pair comprising 1A+ 1B) from

|  |  |  |  |
| --- | --- | --- | --- |
| R1 107 | French 1A | 1 | 20 |
| R1 108 | French 1B | 1 | 20 |
| R4 107 | Spanish 1A | 1 | 20 |
| R4 108 | Spanish 1B | 1 | 20 |

### 15443.UG.110 Second Year

All students shall undertake classes amounting to 140 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 207 | Public Law 2 | 2 | 20 |
| M9 208  M9 210 | Domestic Relations Involuntary Obligations: Delict and Unjustified Enrichment | 2  2 | 20  20 |
| M9 211 | Property, Trusts and Succession | 2 | 20 |

together with 40 credits in the chosen Modern Language (ie a pair comprising 2A+ 2B) from

|  |  |  |  |
| --- | --- | --- | --- |
| R1 203 | French Language 2A | 2 | 20 |
| R1 204 | French Language 2B | 2 | 20 |
| R4 206 | Spanish Language 2A | 2 | 20 |
| R4 207 | Spanish Language 2B | 2 | 20 |

### 15443.UG.111 Third Year

All students shall undertake classes amounting to 140 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 209 | Commercial Law | 2 | 20 |
| M9 212 | European Union Law | 2 | 20 |
| M9 306 | Evidence | 3 | 20 |

together with 60 credits in the chosen Modern Language from

|  |  |  |  |
| --- | --- | --- | --- |
| R1 305 | French Language 3A | 3 | 20 |
| R1 306 | French Language 3B | 3 | 20 |
| R1 315 | French Culture and History 3 | 3 | 20 |
| OR |  |  |  |
| R4 308 | Spanish Language 3A | 3 | 20 |
| R4 309  R4 373 | Spanish Language 3B  The Struggle for Modernity in Spain and Latin America | 3  3 | 20  20 |

plus 20 credits of optional Law classes chosen from the list in Regulation 15443.UG.5

### 15443.UG.112 Fourth Year

All students shall undertake an approved curriculum of study at a European University

### 15443.UG.113 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

M9 498 Dissertation 4 40

together with 40 credits in the chosen Modern Language from

|  |  |  |  |
| --- | --- | --- | --- |
| **French** |  |  |  |
| R1 509 | French Honours Spoken Language | 4 | 20 |
| R1 510 | French Honours Written Language | 4 | 20 |
| **Spanish** |  |  |  |
| R4 501 | Spanish Honours Written Language | 4 | 20 |
| R4 502 | Spanish Honours Spoken language | 4 | 20 |

40 credits of optional Law classes chosen from the list in Regulation 15443.UG.6

OR Such other classes as may be approved by the Course Leader.

### 15443.UG.114 Final Assessment and Honours Classification

On successful completion of the fifth year, a candidate will be awarded 120 Level 4 credits.

The final Honours classification will normally be based on:

1. the first assessed attempt at compulsory and specified optional classes taken in the fifth year;
2. if appropriate, an oral examination.

### Progress

**15443.UG.115** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15443.UG.116** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15443.UG.117** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

**15443.UG.118** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### Award

**15443.UG.119 LLB with Honours:** Notwithstanding Regulation 00001.UG.1.75 (see General Undergraduate Regulations), in order to qualify for the award of the degree of Bachelor of Laws with Honours in Law with a Modern Language, a candidate must have accumulated no fewer than 540 credits from the course curriculum including those for all fifth year classes

**15443.UG.120 Distinction in the Spoken Language:** A candidate who qualifies for the award of the degree of Bachelor of Laws with Honours in Law with a Modern Language and who has, according to prescribed criteria and in the opinion of the BA Honours Board of Examiners, attained a high level of performance in the oral examination may be awarded the Honours degree with Distinction in the Spoken Language.

**15443.UG.121 LLB:** Notwithstanding Regulation 00001.UG.1.76 (see General Undergraduate Regulations), in order to qualify for the award of the degree of Bachelor of Laws in Law with a Modern Language, a candidate must have accumulated no fewer than 420 credits from the course curriculum including those for all the compulsory classes.

**15443.UG.122 Diploma of Higher Education:** Notwithstanding Regulation 00001.UG.1.77 (see General Undergraduate Regulations), in order to qualify for the award of the Diploma in Higher Education in Law with a Modern Language, a candidate must have accumulated no fewer than 280 credits from the course curriculum

**15443.UG.123 Certificate of Higher Education:** Notwithstanding Regulation 00001.UG.1.78 (see General Undergraduate Regulations), in order to qualify for the award of the Certificate in Higher Education in Law with a Modern Language, a candidate must have accumulated no fewer than 140 credits from the course curriculum including credits in both Law and Language classes.

**15443.UG.124** In order to qualify for a Certificate in Higher Education in Law, a candidate must have accumulated 120 credits with at least 100 credits at Level 1.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## LLB (Clinical)

### Bachelor of Laws LLB (Clinical) with Honours Bachelor of Laws LLB (Clinical)

**Course Regulations**

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

### 15443.UG.154 Status of the Courses

All students are normally admitted in the first instance to the LLB with Honours degree. On being accepted as a Law Clinic Student Adviser, a student may, subject to satisfactory performance (criteria for which will be determined in advance by the Course Director and set out in the Clinical LLB programme Handbook for the relevant year), transfer to the LLB (Clinical) or LLB (Clinical) with Honours at the start of semester one of their first year.

### 15443.UG.155 Mode of Study

The undergraduate CLLB courses are available by full-time study only.

### 15443.UG.156 Credit Transfer and Exemption

Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified (see Regulations15443.UG.169 -15443.UG.176).

### Curriculum 15443.UG.157 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

M9 111 Criminal Law 1 20

M9 116 Public Law 1 1 20

M9 118 Legal Methods (Clinical) 1 20

M9 113 Law and Society 1 20

M9 120 Voluntary Obligations: Contract

and Promise (Clinical) 1 20

M9 119 Legal Process (Clinical) 1 20

### 15443.UG.158 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 212 | European Union Law | 2 | 20 |
| M9 208 | Domestic Relations | 2 | 20 |
| Either |  |  |  |
| M9 207 | Public Law 2 | 2 | 20 |
| or  M9 214 | Public Law 2 (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 209 | Commercial Law | 2 | 20 |
| or  M9 215 | Commercial Law (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 210 | Involuntary Obligations: Delict and Unjustified Enrichment | 2 | 20 |
| or  M9 216 | Involuntary Obligations: Delict |  |  |
|  | and Unjustified Enrichment (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 211  or  M9 218 | Property, Trusts and Succession  Property Trusts and | 2 | 20 |
|  | Succession (Clinical) | 2 | 20 |

### 15443.UG.159 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 306 | Evidence | 3 | 20 |
| M9 320 | Clinical Legal Practice | 3 | 20 |
| M9 345 | Ethics and Justice | 3 | 20 |

Optional Classes

60 credits chosen from the optional classes listed in Regulation 15443.UG.5 and the classes listed below

|  |  |  |  |
| --- | --- | --- | --- |
| M9 339 | Employment Law (Clinical) | 3 | 20 |
| M9 340 | Discrimination Law (Clinical) | 3 | 20 |
| M9 341 | Human Rights Law (Clinical) | 3 | 20 |
| M9 342 | Housing Law (Clinical) | 3 | 20 |

or from such other classes as may be approved by the Course Director.

### 15443.UG.160 Fourth Year

All students shall undertake classes amounting to 120 credits as follows and at least 40 credits must be taken clinically.

|  |  |  |
| --- | --- | --- |
| Compulsory Class |  | |
| Either |
| M9 498 Dissertation | 4 | 40 |
| Or  M9 415 Dissertation (Clinical) | 4 | 40 |
| Optional Classes |  |  |

80 credits chosen the optional classes listed in Regulation 15443.UG.6 or

|  |  |  |  |
| --- | --- | --- | --- |
| M9 430 | Law, Justice and Discretion (Clinical) | 4 | 20 |
| M9 499 | Ethics and Justice | 4 | 20 |
| M9 4XX | Legal Theory (Clinical) | 4 | 20 |

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

### Progress

**15443.UG.161** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations

**15443.UG.162** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15443.UG.163** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations including at least 120 credits from Clinical classes, unless they have been given permission to take Ethics and

Justice in their fourth year; in which case they will only need a minimum of 100 credits from Clinical classes.

### Award

**15443.UG.164 LLB (Clinical) with Honours:** In order to qualify for the award of the degree of LLB (Clinical) with Honours Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include at least 160 credits in Clinical classes.

**15443.UG.165 LLB (Clinical):** In order to qualify for the award of the degree of LLB (Clinical), Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) and must include at least 120 credits in Clinical classes.

**15443.UG.166 Diploma of Higher Education**: In order to qualify for the award of the Diploma of Higher Education in Law (Clinical) Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations) and must include at least 80 credits in Clinical classes.

**15443.UG.167 Certificate of Higher Education**: In order to qualify for the award of the Certificate of Higher Education in Law (Clinical) Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations) and must include at least 40 credits in Clinical classes.

### 15443.UG.168 Transfer to LLB or LLB with Honours

A candidate who fails to satisfy the progress or award requirements for the degree of LLB (Clinical) or LLB (Clinical) with Honours may be transferred to the degree of LLB or LLB with Honours. Transfer from the LLB (Clinical) to the LLB or from the LLB (Clinical) with Honours to the LLB with Honours is possible at any time subject to satisfying the appropriate progress requirements. In cases of transfer a pass in M9 217 *Legal Theory (Clinical)* will be accepted in lieu of *M9 103 Law and Society* and all clinical variants of classes shall be deemed to be the equivalent of non-clinical versions.

### 15443.UG.169 Students Admitted to the Course with Advanced Standing Credit Transfer and RPL

Students holding appropriate qualifications may be admitted with advanced standing to the second year of the course to reflect their previous degree or degree equivalent. Such students may be awarded credit transfer or RPL amounting to a maximum of 80 credits.

### 15443.UG.170 Curriculum (Graduate Entry)

*(Note: to qualify for the award of the LLB (Clinical) or the LLB (Clinical) with Honours, graduate entry students are required accumulate 100 and 140 credits respectively from Clinical classes)*

### 15443.UG.171 First Year

The first year curriculum is not taught as part of this degree course.

### 15443.UG.172 Second Year

All students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | M9 111 | Criminal Law | 1 | 20 |
|  | M9 113 | Law and Society | 1 | 20 |
|  | M9 116 | Public Law 1 | 1 | 20 |
|  | M9 118 | Legal Methods (Clinical) | 1 | 20 |
|  | M9 119  M9 120 | Legal Process (Clinical) Voluntary Obligations: Contract and Promise (Clinical) | 1  1 | 20  20 |
|  | Either M9 210 | Involuntary Obligations: Delict |  |  |
|  | or | and Unjustified Enrichment | 2 | 20 |
|  | M9 216 | Involuntary Obligations: Delict  and Unjustified Enrichment (Clinical) | 2 | 20 |

### 15443.UG.173 Third Year

All students shall normally undertake classes amounting to 160 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 306 | Evidence | 3 | 20 |
| M9 344 | Clinical Legal Practice | 3 | 20 |
| M9 212 | European Union Law | 2 | 20 |
| M9 345 | Ethics and Justice | 3 | 20 |
| M9 208 | Domestic Relations | 2 | 20 |
| Either |  |  |  |
| M9 207 | Public Law 2 | 2 | 20 |
| or  M9 214 | Public Law 2 (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 209  or | Commercial Law | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| M9 215 | Commercial Law (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 211 | Property, Trusts and Succession | 2 | 20 |
| or |  |  |  |
| M9 218 | Property, Trusts and Succession |  |  |
|  | (Clinical) | 2 | 20 |

### 15443.UG.174 Fourth Year

See Regulation 15443.UG.160

### Progress

**15443.UG.175** In order to progress to the third year of the course Regulation 00001UG.1.44 shall apply.

**15443.UG.176** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply including at least 100 credits in Clinical classes.

### Award

**15443.UG.177 LLB (Clinical) with Honours:** Notwithstanding Regulation 00001.UG.1.75 (see General Undergraduate Regulations), in order to qualify for the award of the degree of LLB (Clinical) with Honours a candidate must have accumulated no fewer than 500 credits from the course curriculum including at least 140 credits in Clinical classes. Notwithstanding Regulation 00001.UG.1.10 (see General Undergraduate Regulations) these must include 120 credits at Level 4 (40 of which must be credits in Clinical classes).

**15443.UG.178 LLB (Clinical):** Notwithstanding Regulation 00001.UG.1.76 (see General Undergraduate Regulations) , in order to qualify for the award of the degree of LLB (Clinical), a candidate must have accumulated no fewer than 380 credits from the course curriculum including those for all the compulsory classes and at least 100 credits in Clinical classes.

### 15443.UG.179 Transfer to LLB or LLB with Honours

A candidate who fails to satisfy the progress or award requirements for the degree of LLB (Clinical) or LLB (Clinical) with Honours may be transferred to the degree of LLB or LLB with Honours. Transfer from the LLB (Clinical) to the LLB or from the LLB (Clinical) with Honours to the LLB with Honours is possible at any time subject to satisfying the appropriate progress requirements. In cases of transfer a pass in M9 217 *Legal Theory (Clinical)* will be accepted in lieu of *M9 103 Law and Society* and all clinical variants of classes shall be deemed to be the equivalent of non-clinical versions.

### Curriculum (Part-time study, Graduate Entry, LLB Clinical) 15443.UG.180 Second Year

Students holding appropriate qualifications may be admitted with advanced standing to the second year of the course to reflect their previous degree or degree equivalent. Such students may be awarded credit transfer or RPL amounting to a maximum of 80 credits. All part-time students shall normally undertake classes amounting to 80 credits as follows.

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 118 | Legal Methods (Clinical) | 1 | 20 |
| M9 119 | Legal Process (Clinical) | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |

### 15443.UG.181 Third Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 113 | Law and Society | 1 | 20 |
| M9 207 | Public Law 2 | 2 | 20 |
| Or |  |  |  |
| M9 214 | Public Law 2 (Clinical) | 2 | 20 |
| M9 120 | Voluntary Obligations: Contract |  |  |
|  | and Promise (Clinical) | 1 | 20 |
| M9 210 Involuntary Obligations: Delict and Unjustified | | | |
|  | Enrichment | 2 | 20 |
| Or |  |  |  |
| M9 216 | Involuntary Obligations (Clinical) | 2 | 20 |

### 15443.UG.182 Fourth Year

All part-time students shall normally undertake classes amounting to 80 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 208 | Domestic Relations | 2 | 20 |
| M9 209 | Commercial Law | 2 | 20 |
| Or  M9 215 | Commercial Law (Clinical) | 2 | 20 |
| M9 211  Or  M9 218 | Property, Trusts and Succession  Property, Trusts and Succession | 2 | 20 |
|  | (Clinical) | 2 | 20 |

M9 212 European Union Law 2 20

|  |  |  |  |
| --- | --- | --- | --- |
| **15443.UG.183** | **Fifth Year**  All part-time students shall normally undertake classes amounting to 60 credits as follows |  | |
|  | Compulsory Class |
|  | M9 306 Evidence | 3 | 20 |
|  | M9 344 Clinical Legal Practice | 3 | 20 |
|  | M9 345 Ethics and Justice | 3 | 20 |

### Progress (Part-time study, Graduate Entry)

**15443.UG.184** In order to progress to the third year of the course, a student must normally have accumulated at least 60 credits from the course curriculum.

**15443.UG.185** In order to progress to the fourth year of the course, a student must normally have accumulated at least 140 credits from the course curriculum.

**15443.UG.186** In order to progress to the fifth year of the course, a student must normally have accumulated at least 220 credits from the course curriculum including those for any compulsory classes.

### Transfer to LLB (Clinical) with Honours

**15443.UG.187** A student who has qualified for the CLLB and who meets the requirements of Regulation 15443.UG.14 may apply to transfer to the full-time CLLB Honours degree programme.

### Award

**15443.UG.189 LLB (Clinical)** In order to qualify for the award of the degree of LLB (Clinical), Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) and must include at least 100 credits in Clinical classes.

**15443.UG.190** In order to qualify for the award of a Diploma of Higher Education, Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations) and must include at least 80 credits in Clinical classes.

**15443.UG.191** In order to qualify for the award of a Certificate of Higher Education, Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations) and must include at least 40 credits in Clinical classes.

### 15443.UG.192 Transfer to LLB

A candidate who fails to satisfy the progress or award requirements for the degree of LLB (Clinical) may be transferred to the degree of LLB. Transfer from the LLB (Clinical) to the LLB is possible at any time subject to satisfying the appropriate progress requirements. In cases of transfer all clinical variants of classes shall be deemed to be the equivalent of non-clinical versions.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## SCOTS AND ENGLISH LAW

**Bachelor of Laws (LLB) in Scots and English Law with Honours**

**Bachelor of Laws LLB in Scots and English Law Diploma of Higher Education in Scots and English Law Certificate of Higher Education in Scots and English Law**

**Course Regulations**

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

### 15443.UG.211 Mode of Study

These programmes are available on the basis of full-time study only.

### 15443.UG.212 Credit Transfer

Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified (see Regulations 15443.UG.169 - 15443.UG.176).

### Curriculum 15443.UG.213 First Year

All students shall normally undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 112 | Voluntary Obligations: Contract |  |  |
|  | and Promise | 1 | 20 |
| M9 113 | Law and Society | 1 | 20 |
| M9 114 | Legal Methods | 1 | 20 |
| M9 115 | Legal Process | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |

### 15443.UG.214 Second Year

All students shall normally undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| M9 207 | | Public Law 2 | 2 | 20 |
| M9 208 | | Domestic Relations | 2 | 20 |
| M9 209  M9 210 | | Commercial Law  Involuntary Obligations: Delict and Unjust Enrichment | 2  2 | 20  20 |
| M9 211 | | Property, Trusts and Succession | 2 | 20 |
| M9 212 | | European Union Law | 2 | 20 |
| **15443.UG.215** | **Third Year**  All students shall normally undertake classes amounting to credits as follows | | | 120 |
|  | Compulsory Classes | | |  |
|  | M9 306 Evidence 3 | | | 20 |
|  | M9 353 English Law of Equity and Trusts 3 | | | 20 |
|  | M9 354 English Law of Tort 3 | | | 20 |
|  | M9 355 English Law of Contract and Restitution 3 | | | 20 |
|  | M9 356 English Criminal Law and Evidence 3 | | | 20 |
|  | M9 357 English Property and Land Law 3 | | | 20 |
| **15443.UG.216** | **Fourth Year**  All students shall normally undertake classes amounting to credits as follows | | | 120 |
|  | Compulsory Class | | |  |
|  | M9 498 Dissertation 4 | | | 40 |

Optional Classes

80 credits chosen from optional Law classes ~~chosen~~ from the list in Regulation 15443.UG.6

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

### 15443.UG.217 Progress

In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations

**15443.UG.218** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations

**15443.UG.219** In order to progress to the Fourth (Honours) year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations

### Award

**15443.UG.220 LLB with Honours in Scots and English Law:** In order to qualify for the award of the degree of LLB with Honours in Scots and English Law Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15443.UG.221 LLB:** In order to qualify for the award of the degree of LLB in Scots and English Law Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15443.UG.222 Diploma of Higher Education:** In order to qualify for the award of the Diploma of Higher Education in Scots and English Law Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations

**15443.UG.223 Certificate of Higher Education:** In order to qualify for the award of the Certificate of Higher Education in Scots and English Law Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations

### 15443.UG.224 Students Admitted to the Course with Advanced Standing Credit Transfer and RPL

Students holding appropriate qualifications are admitted with advanced standing to the course to reflect their previous degree or degree equivalent amounted to a maximum of 80 credits and shall undertake the special curriculum set out in Regulations 15443.UG.256 to 15443.262.

**15443.UG.225 to**

**15443.UG.255 (numbers not used)**

**15443.UG.256 LLB in Scots and English Law – Graduate Entry Curriculum (Graduate Entry)**

**15443.UG.257 Second Year**

Students are admitted with advanced standing and are admitted direct to second year.

All students shall normally undertake classes amounting to 200 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **List A** |  | | |
|  | M9 111 | Criminal Law | 1 | 20 |
|  | M9 112 | Voluntary Obligations: Contract |  |  |
|  |  | and Promise | 1 | 20 |
|  | M9 113 | Law and Society | 1 | 20 |
|  | M9 114 | Legal Methods | 1 | 20 |
|  | M9 115 | Legal Process | 1 | 20 |
|  | M9 116 | Public Law 1 | 1 | 20 |

M9 208 Domestic Relations 2 20

### List B

Compulsory classes taught during a summer school on Campus between the Second and Third Years

|  |  |  |  |
| --- | --- | --- | --- |
| M9 358 | English Law of Tort | 3 | 20 |
| M9 359 | English Property and Land Law | 3 | 20 |
| M9 360 | English Law of Contract and Restitution | 3 | 20 |

|  |  |  |
| --- | --- | --- |
| **15443.UG.258** | **Third Year**  All students shall normally undertake classes amounting to credits as follows | 160 |
|  | Compulsory Classes |  |
|  | M9 207 Public Law 2 2 | 20 |
|  | M9 209 Commercial Law 2  M9 210 Involuntary Obligations: Delict  and Unjust Enrichment 2 | 20  20 |
|  | M9 211 Property, Trusts and Succession 2 | 20 |
|  | M9 212 European Union Law 2 | 20 |
|  | M9 306 Evidence 3 | 20 |
|  | M9 353 English Law of Equity and Trusts 3 | 20 |
|  | M9 356 English Criminal Law and Evidence 3 | 20 |

### 15443.UG.259 Fourth/Honours Year

**Transfer**

A student who has qualified for the LLB and who meets the requirements of Regulation 00001.UG.1.45 may apply (see General Undergraduate Regulationsto transfer to the full-time LLB Honours degree programme.

See Regulation 15443.UG.6

### 15443.UG.260 Progress (Graduate Entry)

In order to progress from the second to the third year of the course, a student must normally have accumulated no fewer than 120 credits from the compulsory classes detailed in list A.

### 15443.UG.261 Transfer

A student who has qualified for the award of the LLB degree and who meets the requirements of Regulation 00001.UG.1.45 (see

General Undergraduate Regulations) may transfer to the Fourth Year of the full-time LLB with Honours.

### 15443.UG.262 Award

Regulation 15443.UG.221shall apply.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## SCOTS AND ENGLISH LAW (Clinical)

**Bachelor of Laws LLB (Hons) (Clinical) Scots and English Law**

**Bachelor of Laws LLB (Clinical) Scots and English Law Diploma of Higher Education in Scots and English Law (Clinical)**

**Certificate of Higher Education in Scots and English Law (Clinical)**

**Course Regulations**

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

### 15443.UG.294 Mode of Study

The courses are available by full-time study only.

### 15443.UG.295 Credit Transfer and Exemption

Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified (see Regulations 15443.UG.169 - 15443.UG.176).

### Curriculum 15443.UG.296 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 111 | Criminal Law | 1 | 20 |
| M9 113 | Law and Society | 1 | 20 |
| M9 116 | Public Law 1 | 1 | 20 |
| M9 118 | Legal Methods (Clinical) | 1 | 20 |
| M9 120 | Voluntary Obligations: Contract and |  |  |
|  | Promise (Clinical) | 1 | 20 |
| M9 119 | Legal Process (Clinical) | 1 | 20 |

### 15443.UG.297 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| M9 208 | Domestic Relations | 2 | 20 |
| M9 212 | European Union Law | 2 | 20 |
| Either |  |  |  |
| M9 207 | Public Law 2 | 2 | 20 |
| or  M9 214 | Public Law 2 (Clinical) | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| Either |  | | |
| M9 209 | Commercial Law | 2 | 20 |
| or  M9 215 | Commercial Law (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 210 | Involuntary Obligations: Delict and Unjustified Enrichment | 2 | 20 |
| or  M9 216 | Involuntary Obligations: Delict and |  |  |
|  | Unjustified Enrichment (Clinical) | 2 | 20 |
| Either |  |  |  |
| M9 211  or  M9 218 | Property, Trusts and Succession  Property Trusts and Succession | 2 | 20 |
|  | (Clinical) | 2 | 20 |

### 15443.UG.298 Third Year

All students shall undertake classes amounting to 160 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9 306 | Evidence | 3 | 20 |
| M9 344 | Clinical Legal Practice | 3 | 20 |
| M9 345 | Ethics and Justice | 3 | 20 |
| M9 353 | English Law of Equity and Trusts | 3 | 20 |
| M9 354 | English Law of Tort | 3 | 20 |
| M9 355 | English Law of Contract and Restitution | 3 | 20 |
| M9 356 | English Criminal Law and Evidence | 3 | 20 |
| M9 357 | English Law of Property and Land | 3 | 20 |

### 15443.UG.299 Fourth Year

All students shall undertake classes amounting to 120 credits as follows, and at least 40 of those credits must be clinical

|  |  |  |
| --- | --- | --- |
| Compulsory Class |  | |
| Either  M9 498 Dissertation | 4 | 40 |
| Or  M9 415 Dissertation (Clinical) | 4 | 40 |

Optional Classes

80 credits chosen from optional Law classes chosen from the list in Regulation 15443.UG.6 or from below

|  |  |  |  |
| --- | --- | --- | --- |
| M9 430 | Law, Justice and Discretion (Clinical) | 4 | 20 |
| M9 499 | Ethics and Justice | 4 | 20 |

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

### Progress

**15443.UG.300** In order to progress to the second year of the Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations

**15443.UG.301** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations

**15443.UG.302** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations

### Award

**15443.UG.303 LLB (Clinical) with Honours:** Notwithstanding Regulation 00001.UG.1.75 (see General Undergraduate Regulations) in order to qualify for the award of the degree of LLB (Clinical) with Honours a candidate must have accumulated no fewer than 520 credits from the course curriculum including at least 160 credits in Clinical classes. Notwithstanding Regulation 00001.UG.1.10 (see General Undergraduate Regulations), these must include 120 credits at Level 4 (40 of which must be credits in Clinical classes).

**15443.UG.304 LLB (Clinical):** Notwithstanding Regulation 00001.UG.1.76 (see General Undergraduate Regulations) in order to qualify for the award of the degree of LLB (Clinical), a candidate must have accumulated no fewer than 400 credits from the course curriculum including those for all the compulsory classes and including at least 120 credits in Clinical classes.

**15443.UG.305 Diploma of Higher Education**: In order to qualify for the award of the Diploma of Higher Education in Law (Clinical) Regulation

00001.UG.1.77 (see General Undergraduate Regulations) shall apply and must include at least 80 credits in Clinical classes.

**15443.UG.306 Certificate of Higher Education**: In order to qualify for the award of the Certificate of Higher Education in Law (Clinical) Regulation 00001.UG.1.78 (see General Undergraduate Regulations) shall apply and must include at least 40 credits in Clinical classes.

### 15443.UG.307 Transfer to LLB (Scots and English Law) or LLB (Scots and English Law) with Honours

A candidate who fails to satisfy the progress or award requirements for the degree of LLB (Clinical) (Scots and English Law) or LLB (Scots and English Law) (Clinical) with Honours may be transferred to the degree of LLB or LLB with Honours. Transfer from the LLB (Clinical) (Scots and English Law) to the LLB or from the LLB (Clinical) (Scots and English Law) with Honours to the LLB (Scots and English Law) with Honours is possible at any time subject to satisfying the appropriate progress requirements. In cases of transfer a pass in M9 217 *Legal Theory (Clinical)* will be accepted in lieu of *M9 103 Law and Society* and all clinical variants of classes shall be deemed to be the equivalent of non- clinical versions.

# FACULTY OF HUMANITIES & SOCIAL SCIENCES

**SCHOOL OF LAW**

## ENGLISH LAW

### Bachelor of Laws (LLB) English Law with Honours Bachelor of Laws (LLB) in English Law Studies Diploma of Higher Education in English Law Studies

**Course Regulations**

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

### 15443.UG.339 Mode of Study

These programmes are available on the basis of full-time study only.

### 15443.UG.340 Credit Transfer

All students are admitted to year two with advanced standing of 120 credits.

### Curriculum 15443.UG.341 Second Year

All students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| M9 113 | | Law and Society | 1 | 20 |
| M9 114 | | Legal Methods | 1 | 20 |
| M9 116 | | Public Law 1 | 1 | 20 |
| M9 354 | | English Law of Tort | 3 | 20 |
| M9 355 | | English Law of Contract and Restitution | 3 | 20 |
| M9 356 | | English Criminal Law and Evidence | 3 | 20 |
| M9 212 | | European Union Law | 2 | 20 |
| **15443.UG.342** | **Third Year**  All students shall normally undertake classes amounting to credits as follows | | | 120 |
|  | Compulsory Classes | | |  |
|  | M9 207 Public Law 2 2 | | | 20 |
|  | M9 353 English Law of Equity and Trusts 3 | | | 20 |
|  | M9 357 English Law of Property and Land 3 | | | 20 |

Optional Classes

60 credits from 15443.UG.5

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

### 15443.UG.343 Fourth Year

All students shall normally undertake classes amounting to 120 credits as follows

Compulsory Class

M9 498 Dissertation 4 40

Optional Classes

80 credits chosen from 15443.UG.6

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

### Progress

**15443.UG.344** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15443.UG.345** In order to progress to the Fourth (Honours) year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### 15443.UG.346 Final Honours Classification

The final Honours classification will normally be based on:

(i) the first assessed attempt at compulsory and specified optional classes taken in the fourth year;

### Award

**15443.UG.347 LLB with Honours in English Law:** Notwithstanding Regulation 00001.UG.1.75 (see General Undergraduate Regulations) in order to qualify for the award of the degree of LLB with Honours, a candidate must have accumulated no fewer than 500 credits including 380 from the course curriculum. Notwithstanding Regulation 00001.UG.1.10 (see General Undergraduate Regulations), these must include 120 credits at Level 4.

**15443.UG.348 BA:** Notwithstanding Regulation 00001.UG.1.76 (see General Undergraduate Regulations) in order to qualify for the award of the degree of BA in English Law Studies a candidate must have accumulated no fewer than 380 credits.

**15443.UG.349 Diploma of Higher Education:** In order to qualify for the award of the Diploma of Higher Education in English Law Regulation 00001.UG.1.77 (see General Undergraduate Regulations) shall apply.

**15443.UG.350 Transfer:** A candidate who has accumulated 380 credits and who then either opts to transfer, or who fails to satisfy the progress or award requirements for the degree of LLB with Honours in English Law may be transferred to the non-practising degree of BA in English Law Studies.

# SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

## BEHAVIOURAL ASPECTS OF COMMERCE

### BA with Honours in Behavioural Aspects of Commerce BA in Behavioural Aspects of Commerce

**Course Regulations**

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

### 14413.UG.76 Status of the Courses

All students are admitted in the first instance as potential Honours students via specific Articulation Agreements, directly into the third year of the course.

### 14413.UG.77 Mode of Study

The courses are available by full-time study only.

### Curriculum First Year

Not offered

**Second Year**

Not offered

### Third Year

All students shall undertake classes amounting 120 credits as follows

Compulsory Classes Level Credits

BF 304 International Leadership Development 3 20

C8 302 Research Methods in Psychology 3 20

C8 303 Individual Differences 3 20

C8 307 Social Psychology 3 20

MK 328 Strategic Marketing in an International

Context 3 20

MS 211 Managing Business Processes and

Information Systems 2 20

### 14413.UG.78 Fourth Year

All students shall undertake classes amounting 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 404 | Issues and Trends | 4 | 20 |
| C8 422 | Advanced Psychological Theory and |  |  |
|  | Practice III | 4 | 20 |
| C8 426 | Psychology Dissertation | 4 | 40 |
| C8 433 | Honours Cognition | 4 | 20 |
| L2 402 | Governance and Development | 4 | 20 |

### 14413.UG.79 Progress

In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Final Honours Classification

**14413.UG.80** The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes which are taken in the fourth year.

### Award

**14413.UG.81 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Behavioural Aspects of Commerce Regulation 00001. UG.1.75 shall apply (General Undergraduate Regulations).

**14413.UG.82 BA:** In order to qualify for the award of a BA in Behavioural Aspects of Commerce Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## FACULTY COURSES EDUCATION AND SPORT

**BA with Honours in Education and Sport**

**BA with Honours in Education and Sport with International Study**

**BA in Education and Sport**

**BA in Education and Sport with International Study**

**Diploma of Higher Education in Humanities and Social Sciences**

**Certificate of Higher Education in Humanities and Social Sciences**

**Course Regulations**

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

### 15300.UG.397 Mode of Study

The course is available by full-time study only.

### 15300.UG.398 Place of Study

This course may require study out with the University.

The BA Hons in (Subject(s)) with International Study requires approved study at an approved institution abroad for a period of at least one semester.

### Curriculum 15300.UG.399 First Year

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences.

Compulsory Classes

B1 110 Introduction to Human Physiology

and Nutrition 1 20

B1 128 Sports Practice 1 1 20

X9 173 Year 1 Placement and

Curriculum 1 20

X9 172 Understanding Education in the

21st Century 1 20

Optional Classes

40 credits chosen from the list of classes in Regulation 15300.UG.49

Or

20 credits chosen from the list of classes in Regulation 15300.UG.49 and 20 credits chosen from an interdisciplinary list of electives approved by the Faculty or any other class as approved by the Course Leader.

### 15300.UG.400 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 221 | Coaching and Sport Development | 2 | 20 |
| B1 225 | Physiology of Aerobic Exercise | 2 | 20 |
| B1 222 Key Concepts in Sport and Physical Activity | | | |
|  | Psychology | 2 | 20 |
| X9 279 | Informal Education | 2 | 20 |
| X9 280 | Learners and Learning | 2 | 20 |
| Optional |  |  |  |

20 credits chosen from an interdisciplinary list approved by the Faculty or any other class as approved by the Course Leader.

### 15300.UG.401 Third Year

**BA with Honours in Education and Sport**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 310 | Placement and Professional |  | |
|  | Development | 3 | 20 |
| B1 345 | Sports Practice 3 | 3 | 20 |
| B1 327 | Data Analytics in Sport, Physical |  |  |
|  | Activity and Health | 3 | 20 |
| X7 309 | Social Pedagogy with Adults | 3 | 20 |
| X9 308 | History and Philosophy of Education | 3 | 20 |
| X9 310 | Children and Childhood | 3 | 20 |

### BA with Honours in Education and Sport with International Study

All students shall undertake classes amounting to 120 credits as follows

|  |  |  |  |
| --- | --- | --- | --- |
| Either  EX 306 | External Study | 3 | 60 |
| EX 316 | External Study | 3 | 60 |
| Or  EX 306 | External Study | 3 | 60 |

And 60 credits from the compulsory classes above. Or

EX 316 External Study 3 60

And 60 credits from the compulsory classes above.

### 15300.UG.402 Fourth Year

All students shall undertake classes amounting to 120 credits as follows with 40 credits chosen from List A and 60 credits from List B with at Least 100 credits at Level 4.

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 455 | Dissertation Research Skills | 4 | 20 |
| List A Either B1 449 | Nutrition | 4 | 20 |
| B1 408 | Practical Project in Sport and Physical Activity Development | 4 | 20 |
| Or |  |  |  |
| B1 480 | Dissertation in Sport and Physical Activity\* | 4 | 20 |

And 20 credits chosen from

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| B1 449  B1 408 | Nutrition  Practical Project in Sport and Physical Activity  Development |  | 4  4 | 20  20 |
| List B |  |  |  |  |
| X7 426 | Independent Study Joint Honours Education | 4 |  | 10 |
| X7 431 | Policy and Politics in Education | 4 |  | 20 |
| X7 433 | Social Issues in Education | 4 |  | 20 |
| X7 435 | Social Research Methods | 4 |  | 10 |
| HS 809 | Contemporary Gender Issues | 3 |  | 20 |

and a minimum of 10 credits from any other classes that may be offered to Education students at Level 4.

Or

40 credits chosen from the List B above and

X7 432 Dissertation in Education\* 4 20

\*A Dissertation class must be taken.

### 15300.UG.403 Progress

In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15300.UG.404** In order to progress to the third year of the course, Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15300.UG.405** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Award

**15300.UG.406 BA with Honours:** In order to qualify for the award of the BA with Honours in Education and Sport, Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15300.UG.407 BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in Education and Sport with International Study Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15300.UG.408 BA:** In order to qualify for the award of the BA in Education and Sport, Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15300.UG.409 BA with International Study:** In order to qualify for the award of the BA in Education and Sport with International Study, Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15300.UG.410 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Humanities and Social Sciences, Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15300.UG.411 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences, Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

## PHYSICAL ACTIVITY AND HEALTH

**BSc with Honours in Sport and Physical Activity BSc in Sport and Physical Activity**

**Diploma of Higher Education in Sport and Physical Activity Certificate of Higher Education in Sport and Physical Activity**

**Course Regulations**

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

### 15418.UG.1 Place of Study

The courses involve placements out with the University campuses for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

### Curriculum

**15418.UG.2 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| B1 123 | Culture and Context of Sport |  | |
|  | and Physical Activity | 1 | 20 |
| B1 124 | Foundations of Physical Activity |  |  |
|  | for Health | 1 | 20 |
| B1 125 | Foundations of Sport and |  |  |
|  | Physical Activity Psychology | 1 | 20 |
| B1 110 | Introduction to Human Physiology |  |  |
|  | and Nutrition | 1 | 20 |
| B1 111 | Introduction to Research in Sport |  |  |
|  | and Physical Activity | 1 | 20 |
| B1 128 | Sports Practice 1 | 1 | 20 |

### 15418.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 221 | Coaching Practice and Sport |  | |
|  | Development | 2 | 20 |
| B1 222 | Key Concepts in Sport and |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| B1 224 | Physical Activity Psychology  Physical Activity for Health, Fitness and | 2 | 20 |
|  | Wellbeing | 2 | 20 |
| B1 225 | Physiology of Aerobic Exercise | 2 | 20 |
| B1 226 | Sports Practice 2 | 2 | 20 |
| C8 203 | Introduction to Data Analysis | 2 | 20 |

### 15418.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 310 | Placement and Professional |  | |
|  | Development | 3 | 20 |
| C8 302 | Research Methods in Psychology | 3 | 20 |
| B1 372 | Data Analytics in Sport, Physical |  |  |
|  | Activity and Health | 3 | 20 |

Optional Classes\*

At least 40 credits from the list below

|  |  |  |  |
| --- | --- | --- | --- |
| B1 311 | Advanced Topics in Physical Activity | 3 | 20 |
| B1 345 | Sports Practice 3 | 3 | 20 |
| B1 447 | Biomechanics of Human Movement | 4 | 20 |
| B1 449 | Nutrition for Health and Exercise | 4 | 20 |

\*Some of the classes offered will vary from year to year Elective Classes 20

### 15418.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 405 | Dissertation | 4 | 40 |
| B1 455 | Dissertation Research Skills | 4 | 20 |

Optional Classes\*

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| B1 311 | Advanced Topics in Physical Activity | 3 | 20 |
| B1 408 | Practical Project in Physical Activity | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| B1 446 | and Sport  Physical Education in Schools | 4 | 20 |
| B1 449 | Nutrition for Health and Exercise | 4 | 20 |
| B1 451 | Physical Activity with Special Populations | 4 | 20 |
| BE 405 | Sports Injury and Rehabilitation | 4 | 20 |

\*Some of the classes offered will vary from year to year Elective Classes 20

### 15418.UG.6 Curriculum (Part-time study)

Part-time students will normally take classes amounting to 60 credits in each year of study.

### Progress

**15418.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations) including all classes that are prerequisites for specific second year modules.

**15418.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 (see General Undergraduate Regulations) shall apply including all classes that are prerequisites for compulsory third year modules.

**15418.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.44 (see General Undergraduate Regulations) shall apply.

### Progress (Part-time study)

**15418.UG.10** Regulations 00001.UG.1.49 to 00001.UG.50 shall apply (see General Undergraduate Regulations).

### 15418.UG.11 Final Honours Classification

The final Honours classification will normally be based on:

1. the first assessed attempt at compulsory and specified optional classes taken in the third and fourth years.

(iii) if appropriate, an oral examination.

### Award

**15418.UG.12 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Sport and Physical Activity Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15418.UG.13 BSc:** In order to qualify for the award of the degree of BSc in Sport and Physical Activity Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15418.UG.14 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Sport and Physical Activity Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15418.UG.15 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Sport and Physical Activity Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

## PSYCHOLOGY

### BSc with Honours in Psychology BSc in Psychology

**Course Regulations**

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

*The degree of BSc with Honours in Psychology is offered in conjunction with International Medical University, Malaysia, and the award is made in the name of the University of Strathclyde. The regulations are drawn up consequent upon the Memorandum of Agreement between both Universities as approved by the Senate.*

### 14413.UG.1 Status of the Courses

Admission to the degree will normally be limited to those students who have passed the designated course offered by the International Medical University. Such students shall be awarded credit transfer or RPL amounting to 240 credits. All students are admitted in the first instance as potential Honours students. All third and fourth year classes are taught and examined at the University of Strathclyde.

### 14413.UG.2 Mode of Study

The course is available by full-time study only.

### Curriculum

**14413.UG.3 First and Second Years**

The first and second year curricula are not taught as part of the course.

### 14413.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| C8 302 | Research Methods in Psychology | 3 | 20 |
| C8 303 | Individual Differences | 3 | 20 |
| C8 304 | Cognition | 3 | 20 |
| C8 305 | Development | 3 | 20 |
| C8 306 | Psychobiology | 3 | 20 |
| C8 307 | Social Psychology | 3 | 20 |

### 14413.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

C8 426 Dissertation in Psychology 4 40

Optional Classes

80 credits chosen from the list of optional classes in Regulation 15300.UG.204

### 14413.UG.6 Progress

In order to progress to the final year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations). In addition, a student must have achieved a specified standard of performance having regard to level of study, academic attainment and any other criteria as specified in the Course Handbook.

### 14413.UG.7 Final Assessment and Honours Classification

In accordance with Regulation 00001.UG.1.28 (see General Undergraduate Regulations) a candidate who has not submitted the dissertation in the prescribed form by the due date as specified by the Department of Psychology may not be eligible to enter the Final Honours Examination.

The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes taken in the fourth year and, as appropriate, in the third year.

### Award

**14413.UG.8 BSc with Honours:** In order to qualify for the award of the BSc with Honours in Psychology Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**14413.UG.9 BSc:** In order to qualify for the award of the BSc in Psychology Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

# SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

## PSYCHOLOGY AND COUNSELLING

**BSc with Honours in Psychology and Counselling BSc in Psychology and Counselling**

**Diploma of Higher Education in Humanities and Social Sciences**

**Certificate of Higher Education in Humanities and Social Sciences**

**Course Regulations**

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

### 14413.UG.31 Status of the Courses

All students are normally admitted in the first instance as potential Honours students. Students may be admitted directly to Year 2 with advanced standing of 120 credits.

### 14413.UG.32 Mode of Study

The course is available by full-time study only.

### 14413.UG.33 Place of Study

This course may require study out with the University.

### Curriculum

**14413.UG.34 First Year**

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences.

Compulsory Classes

C8 105 Psychology 1A 1 20

C8 106 Psychology 1B 1 20

Electives 20

Optional Classes

2 x 40 credits paired (1A + 1B) classes from Regulation 15300.UG.49.

**14413.UG.35 Second Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B9 200 | Abnormal Psychology (Varieties of  Psychological Difficulty) | 2 | 20 |
| B9 201 | Positive and Humanistic Psychology | 2 | 20 |
| B9 202 | Theories of Counselling/Psychotherapy | 2 | 20 |
| C8 201 | Cognition and Neuropsychology | 2 | 20 |
| C8 202  C8 203 | Social and Health Psychology Introduction to Research Design and Analysis | 2  2 | 20  20 |

### 14413.UG.36 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B9 300 | Counselling Skills Laboratory | 3 | 20 |
| B9 301 | Personal Development | 3 | 20 |
| B9 302 | Person-Centred Theory | 3 | 20 |
| C8 302 | Research Methods in Psychology | 3 | 20 |
| C8 303 | Individual Differences | 3 | 20 |
| C8 307 | Social Psychology | 3 | 20 |

### 14413.UG.37 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B9 400 | Practical Experience: Counselling |  | |
|  | Skills/Research | 4 | 20 |
| C8 433 | Honours Cognition | 4 | 20 |
| C8 428 | Honours Development | 4 | 20 |
| C8 429 | Honours Psychobiology | 4 | 20 |
| C8 426 | Dissertation in Psychology | 4 | 40 |

### 14413.UG.38 Progress

In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**14413.UG.39** In order to progress to the third year of the course, a student must have accumulated at least 240 credits from the course curriculum.

In order to progress to the fourth year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

### 14413.UG.40 Final Assessment and Honours Classification

A candidate who has not submitted the dissertation in the prescribed form by the due date as specified by the School of Psychological Sciences and Health may not be eligible to enter the Final Honours Examination.

The final Honours classification will normally be based on the first assessed attempt at compulsory classes taken in the fourth year and, as appropriate, in the third year.

### Award

**14413.UG.41 BSc with Honours:** In order to qualify for the award of the BSc with Honours in Psychology and Counselling, a candidate must have accumulated no fewer than 480 credits from the course curriculum.

**14413.UG.42 BSc:** In order to qualify for the award of the BSc in Psychology and Counselling, a candidate must have accumulated no fewer than 360 credits from the course curriculum.

**14413.UG.43 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Humanities and Social Sciences, a candidate must have accumulated no fewer than 240 credits including at least 100 from Level 2.

**14413.UG.44 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences, a candidate must have accumulated no fewer than 120 credits.

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## FACULTY COURSES PSYCHOLOGY AND SPORT

**BA with Honours in Psychology and Sport BA with Honours in Psychology with Sport**

**BA with Honours in Psychology and Sport with International Study**

**BA with Honours in Psychology with Sport with International Study**

**BA in Psychology and Sport**

**BA in Psychology and Sport with International Study Diploma of Higher Education in Humanities and Social Sciences**

**Certificate of Higher Education in Humanities and Social Sciences**

**Course Regulations**

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

### 15300.UG.351 Mode of Study

The course is available by full-time study only.

### 15300.UG.352 Place of Study

This course may require study out with the University.

The BA Hons in (Subject(s)) with International Study requires approved study at an approved institution abroad for a period of at least one semester.

### Curriculum 15300.UG.353 First Year

All students shall undertake classes amounting to 120 credits chosen from the curriculum of a course delivered within the Faculty of Humanities and Social Sciences.

Compulsory Classes

B1 110 Introduction to Human Physiology

and Nutrition 1 20

B1 128 Sports Practice 1 1 20

C8 105 Psychology 1A 1 20

C8 106 Psychology 1B 1 20

Optional Classes

40 credits chosen from the list of classes in Regulation 15300.UG.49

Or

20 credits chosen from the list of classes in Regulation 15300.UG.49 and 20 credits chosen from an interdisciplinary list of electives approved by the Faculty or any other classes as approved by the Course Leader.

### 15300.UG.354 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 221 | Coaching and Sport Development | 2 | 20 |
| B1 225 | Physiology of Aerobic Exercise | 2 | 20 |
| B1 222 | Key Concepts in Sport and Physical |  |  |
|  | Activity Psychology | 2 | 20 |
| C8 201 | Cognition and Neuropsychology | 2 | 20 |
| C8 202 | Social and Health Psychology | 2 | 20 |
| C8 203 | Introduction to Research Design |  |  |
|  | and Analysis | 2 | 20 |

### 15300.UG.355 Third Year

**BA with Honours in Psychology and Sport**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 310 | Placement and Professional |  | |
|  | Development | 3 | 20 |
| B1 345 | Sports Practice 3 | 3 | 20 |
| B1 327 | Data Analytics in Sport, Physical |  |  |
|  | Activity and Health | 3 | 20 |
| C8 302 | Research Methods in Psychology | 3 | 20 |

Optional Classes

40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| C8 303 | Individual Differences | 3 | 20 |
| C8 304 | Cognition | 3 | 20 |
| C8 305 | Development | 3 | 20 |
| C8 306 | Psychobiology | 3 | 20 |
| C8 307 | Social Psychology | 3 | 20 |

### BA with Honours in Psychology and Sport with International Study

All students shall undertake classes amounting to 120 credits as follows

|  |  |  |  |
| --- | --- | --- | --- |
| Either |  |  |  |
| EX 306 | External Study | 3 | 60 |
| EX 316 | External Study | 3 | 60 |
| Or |  |  |  |
| EX 306 | External Study | 3 | 60 |

And 60 credits from the list above Or

EX 316 External Study 3 60

And 60 credits from the list above

### 15300.UG.356 Fourth Year

**BA with Honours in Psychology and Sport**

All students shall undertake classes amounting to 120 credits as follows with 40 credits chosen from List A and 60 credits from List B with at Least 100 credits at Level 4.

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| B1 455 | Dissertation Research Skills | 4 | 20 |
| List A |  |  |  |
| Either |  |  |  |
| B1 449 | Nutrition | 4 | 20 |
| B1 408 | Practical Project in Sport and Physical |  |  |
|  | Activity Development | 4 | 20 |
| Or |  |  |  |
| B1 480 | Dissertation in Sport and Physical Activity\* | 4 | 20 |
| And 20 credits chosen from | | | |
| B1 449 | Nutrition | 4 | 20 |
| B1 408 | Practical Project in Sport and Physical |  |  |
|  | Activity |  |  |
|  | Development | 4 | 20 |
| List B |  |  |  |

60 credits chosen from the list of optional classes in Regulation 15300.UG.205

or

C8 427 Dissertation in Psychology\* 4 20

and 40 credits chosen from the list of optional classes in Regulation 15300.UG.205

\* A Dissertation class must be taken.

### BA with Honours in Psychology with Sport

All students shall undertake classes amounting to 120 credits as follows:

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| C8 426 | Psychology Dissertation | 4 | 40 |
| C8 428 | Honours Development | 4 | 20 |
| C8 433 | Honours Cognition | 4 | 20 |
| C8 429 | Honours Psychobiology | 4 | 20 |
| B1 449 | Nutrition | 4 | 20 |

### 15300.UG.357 Progress

In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15300.UG.358** In order to progress to the third year of the course, Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**15300.UG.359** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Award

**15300.UG.360 BA with Honours:** In order to qualify for the award of the BA with Honours in Psychology and Sport or Psychology with Sport, Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15300.UG.361 BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in Psychology and Sport with International Study or Psychology with Sport with International Study, Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15300.UG.362 BA:** In order to qualify for the award of the BA in Psychology and Sport, Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15300.UG.363 BA with International Study:** In order to qualify for the award of the BA in Psychology and Sport with International Study, 00001.UG.1.76 shall apply (see General Undergraduate Regulations) and must include at least one semester at a partner institution abroad.

**15300.UG.364 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Humanities and Social Sciences, Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15300.UG.365 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences, Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## FACULTY OF HUMANANITIES AND SOCIAL SCIENCES SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

**SPEECH AND LANGUAGE PATHOLOGY**

**Bachelor of Science with Honours in Speech and Language Pathology Bachelor of Science in Human Communication Studies**

**Diploma of Higher Education in Human Communication Studies Certificate of Higher Education in Human Communication Studies**

*These regulations are to be read in conjunction with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.*

**Mode of Study**

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

**Place of Study**

1. The programme involves placements and lectures out with the University campus for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

**Curriculum First Year**

1. All students shall undertake modules amounting to 120 credits as follows

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B6116 | Clinical and Professional Capabilities 1 | 1 | 20 |
| B6118 | Clinical Phonetics and Phonology | 1 | 20 |
| B6117 | Linguistics 1: Introduction to Language and Communication | 1 | 20 |
| B6119 | Anatomy and Physiology for Speech and Language Pathology 2 | 1 | 10 |
| B6120 | Engaging with Higher Education | 1 | 20 |
| C8107 | Introduction to Psychology | 1 | 20 |
| BE106 | Anatomy and Physiology for Speech and Language Pathology 1 | 1 | 10 |

**Second Year**

1. All students shall undertake modules amounting to 120 credits as follows

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B6229 | Neurology and Pediatrics | 2 | 10 |
| B6230 | Audiology & ENT | 2 | 10 |

|  |  |  |  |
| --- | --- | --- | --- |
| B6231 | SLP1 Developmental Speech Disorders | 2 | 20 |
| B6232 | SLP2 Developmental and Acquired Language Disorders | 2 | 20 |
| B6233 | SLP3 Neurodevelopmental Disorders | 2 | 20 |
| B6234 | Clinical and Professional Capabilities 2 | 2 | 20 |
| B6235 | Linguistics 2: Clinical Phonetics and Linguistics | 2 | 20 |

**Third Year**

1. All students shall undertake modules amounting to 120 credits as follows

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B6340 | Linguistics 3: Sociolinguistics, Multilingualism and Speech Acoustics | 3 | 20 |
| C8203 | Introduction to Research Design and Analysis | 2 | 20 |
| B6345 | SLP4 Fluency, Voice and Oncology | 3 | 20 |
| B6346 | SLP5 Dementia and Dysphagia | 3 | 20 |
| B6347 | SLP6 Acquired Motor Speech Disorders and AAC | 3 | 20 |
| B6344 | Clinical and Professional Capabilities 3 | 3 | 20 |

1. A student who fails only B6344 Clinical and Professional Capabilities 3 at the first attempt can opt to take an alternative form of re-assessment at the second attempt, as per the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. These students will then not be permitted to progress to fourth year of BSc Speech and Language Pathology. The nature of this re-assessment can be found in the Programme Handbook.

**Fourth Year**

1. All students shall undertake modules amounting to 120 credits as follows

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| B6444 | Research Investigation 1 | 4 | 20 |
| B6445 | Research Investigation 2 | 4 | 20 |
| B6441 | Advanced Study Option 1 | 4 | 20 |
| B64XX | Clinical and Professional Capabilities 4 | 4 | 20 |
| B64XX | Clinical and Professional Capabilities 5\* | 4 | 20 |
| B64XX | Impact Project/Placement with a chosen client group\* | 4 | 20 |

\* Students who undertake study abroad will substitute these modules with an external study equivalent.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EX411 | External Study | 4 | 40 |

**Progress**

1. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including a pass for B6344 Clinical and Professional Capabilities 3 only where an alternative form of assessment has not been taken see Regulation 5.

**Final Honours Classification**

1. (i) The first assessed attempt at compulsory modules taken in fourth year, together with the first assessed attempt at CODE Clinical and Professional Capabilities 5 and CODE Impact Project/Placement with a chosen client group, if taken; and
2. The first assessed attempt at compulsory modules taken in third year, with the exception of C8203 Introduction to Research Design and Analysis.

**Award**

1. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. **BSc with Honours and Distinction in Clinical Theory**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, alongside grades >70 in B6344 Clinical and Professional Capabilities 3 and B64XX Clinical and Professional Capabilities 4.
3. **BSc with Honours and Merit in Clinical Theory**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, alongside grades >60 in in B6344 Clinical and Professional Capabilities 3 and B64XX Clinical and Professional Capabilities 4.
4. **BSc**: In order to qualify for the award of the degree of BSc in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
5. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
6. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

# SCHOOL OF SOCIAL WORK AND SOCIAL POLICY

## EDUCATION AND SOCIAL SERVICES

**BA (Hons) in Education and Social Services BA in Education and Social Services**

**Diploma of Higher Education in Education and Social Services**

**Course Regulations**

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

### 15414.UG.49 Admission

Notwithstanding Regulation 00001.UG.1.1 (see General Undergraduate Regulations), admission to the course shall normally be to applicants with a recognised HNC or equivalent. Applications will normally have achieved the equivalent of 120 credits at SHE Level 1.

Notwithstanding Regulation 00001.UG.1.3 (see General Undergraduate Regulations), entry to Years 3 may be offered subject to the applicant evidencing academic achievements equivalent to 240 credits, of which a minimum of 90 are at SHE Level 2 or higher.

### 15414.UG.50 Status of the Courses

All students are admitted in the first instance to the Diploma of Higher Education in Education and Social Services with one of our validated partner FE colleges.

**15414.UG.51 Credit Transfer and Recognition of Prior Learning (RPL)** Regulation 00001.UG.1.3 applies (see General Undergraduate Regulations).

### 15414.UG.52 Mode of Study

The courses are available by full-time study only.

### 15414.UG.53 Place of Study

The second year of the course is taught at either West College Scotland, New College Lanarkshire, or Glasgow Clyde College. Students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

### 15414.UG.54 First Year

The first year is not taught as part of the course.

### 15414.UG.55 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

***For students studying at West College Scotland***

|  |  |  |  |
| --- | --- | --- | --- |
| X9 283 | Academic Literacy | 2 | 20 |
| JW 253 | The Societal Context of Professional |  |  |
|  | Working | 2 | 20 |
| JW 254 | Introduction to Integrated Services | 2 | 20 |
| JW 255 | How People Develop and Learn | 2 | 20 |
| JW 257 | Workplace Learning and Practice 1 | 2 | 20 |
| JW 259 | Being Professional: Working |  |  |
|  | Collaboratively | 2 | 20 |

***For students studying at Glasgow Clyde College***

|  |  |  |  |
| --- | --- | --- | --- |
| X9 283 | Academic Literacy | 2 | 20 |
| LC 251 | Being Professional: Working |  |  |
|  | Collaboratively | 2 | 20 |
| LC 253 | The Societal Context of Professional |  |  |
|  | Working | 2 | 20 |
| LC 254 | Introduction to Integrated Services | 2 | 20 |
| LC 255 | How People Develop and Learn | 2 | 20 |
| LC 256 | Workplace Learning and Practice 1 | 2 | 20 |

***For students studying at New College Lanarkshire***

|  |  |  |  |
| --- | --- | --- | --- |
| X9 283 | Academic Literacy | 2 | 20 |
| MW 263 | The Societal Context of Professional |  |  |
|  | Working | 2 | 20 |
| MW 264 | Introduction to Integrated Services | 2 | 20 |
| MW 265 | How People Develop and Learn | 2 | 20 |
| MW 267 | Workplace Learning and Practice 1 | 2 | 20 |
| MW 269 | Being Professional: Working |  |  |
|  | Collaboratively | 2 | 20 |

### 15414.UG.56 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 317 | Context, Policy and Joint Working | 3 | 20 |
| L5 318 | Management and Leadership |  |  |
|  | in Integrated Services | 3 | 20 |
| L5 319 | Understanding How People Behave | 3 | 20 |
| L5 320 | Workplace Learning and Practice 2 | 3 | 20 |
| L5 322 | Research Methods\* | 3 | 20 |
| L5 323 | The Education of Looked After Children | 3 | 20 |

Such other level 3 classes as may be approved by the Course Director.

\*L5322 is required for those students wishing to enter Honours.

### 15414.UG.57 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 411 | Workplace Learning and Practice 3 | 4 | 40 |
| L5 412 | Personal and Professional |  |  |
|  | Development | 4 | 20 |
| L5 413 | Specialist Pathway | 4 | 20 |
| L5 414 | Professional Enquiry and Evidence |  |  |
|  | Informed Practice - Dissertation | 4 | 40 |

### 15414.UG.58 Progress

In order to progress to the third year of the course Regulation 00001. UG.1.44 shall apply (see General Undergraduate Regulations). Students must have 240 credits or equivalent

**15414.UG.59** In order to progress to fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations).

### Award

**15414.UG60 BA (Honours):** In order to qualify for the award of the BA (Honours) in Education and Social Services Regulation 000001.UG.1.75 shall apply (see General Undergraduate Regulations).

**15414.UG.61 BA:** In order to qualify for the award of the degree of BA in Education and Social Services Regulation 000001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15414.UG.62 Diploma of Higher Education**: in order to qualify for the award of a Diploma of Higher Education in Education and Social Services Regulation 00001. UG.1.77 shall apply (see General Undergraduate Regulations).

# SCHOOL OF SOCIAL WORK AND SOCIAL POLICY

## SOCIAL WORK

**BA with Honours in Social Work BA in Applied Social Studies**

**Diploma of Higher Education in Applied Social Studies Certificate of Higher Education in Applied Social Studies**

**15414.UG.1 Course Regulations**

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

### 15414.UG.2 Status of the Degree

Students may only be admitted in the first instance as potential Honours students once they have registered as social work students with the Scottish Social Services Council (SSSC). Students whose registration is revoked by the SSSC may not go on any further placement and will be transferred to the BA, Diploma or Certificate of Higher Education in Applied Social Studies subject to satisfying the progress and award requirements.

### 15414.UG.3 Mode of Study

The courses are available by full-time study only.

### 15414.UG.4 Place of Study

The courses involve placements in social work agencies for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

### Curriculum

**15414.UG.5 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

L5 107 Preparing for Lifelong Learning 1 20

L5 109 Psychology for Social Work 1 20

L5 110 Values Ethics and Justice 1 20

L5 115 Understanding Social Science and 1 20

Social Research

L5 116 Poverty, Disadvantage and

Discrimination 1 20

L5 119 Individuals, Communities and Society 1 20

### 15414.UG.6 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 201 | Social Work Organisation and |  | |
|  | Collaborative Practice | 2 | 20 |
| L5 206 | Social Work Processes and Practice | 2 | 20 |
| L5 207 | Social Work in Diverse Contexts | 2 | 20 |
| L5 209 | Law for Social Work Practice | 2 | 20 |
| L5 211 | Understanding Risk and Protection | 2 | 20 |

Elective Class(es) 20

### 15414.UG.7 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 334\* | Practice Learning 1: | 3 | 20 |
|  | Organisational Context |  |  |
| L5 333\* | Practice Learning 1: | 3 | 40 |
|  | Social Work Practice |  |  |
| L5 311 | Social Work in a Global Context | 3 | 20 |
| L5 312 | Social Work Approaches and Methods | 3 | 20 |
| L5 313 | Social Research and Social Work | 3 | 20 |

***\*Students who do not pass these classes and are unable to progress to Year 4, are able to select 60 credits from other classes as approved by Course Leader and graduate with a BA in Applied Social Studies***

### 15414.UG.8 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| L5 423 | Practice Learning 2: | 4 | 20 |
|  | Organisational Context |  |  |
| L5 422 | Practice Learning 2: | 4 | 40 |
|  | Social Work Practice |  |  |
| L5 410 | Honours Dissertation | 4 | 40 |
| L5 424 | Preparing for Professional Practice: | 4 | 20 |
|  | Ready and Radical |  |  |

### Progress

**15414.UG.9** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**15414.UG.10** Notwithstanding 00001.UG.1.44 (see General Undergraduate Regulations), a student must pass L5 206 and have accumulated 240 credits. Compensated pass is not permitted for L5 206.

**15414.UG.11** In order to progress to the fourth year of the course a student must gain passes in the following class: *L5 334 Practice Learning 1: Organisational Context and L5 333 Placement Learning 1: Social Work Practice*. Compensated pass is not permitted for L5 334 or L5 333.

**15414.UG.12** Progression at all stages on the Honours course for Social Work is dependent on students maintaining registration with the Scottish Social Services Council.

### 15414.UG.13 Final Honours Classification

The final Honours classification will normally be based on the first assessed attempt at compulsory classes in the third and fourth years.

### Award

**15414.UG.14 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Social Work Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include class *L5 423 Practice Learning 2: Organisational Context and L5 422 Practice Learning 2: Social Work Practice.*

**15414.UG.15 BA:** In order to qualify for the award of the BA in Applied Social Studies Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**15414.UG.16 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Applied Social Studies Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**15414.UG.17 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Social Studies Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

## STRATHCLYDE BUSINESS SCHOOL FACULTY PROGRAMMES

**APPLIED BUSINESS SKILLS**

**Certificate in Applied Business Skills**

*These regulations are to be read in conjunction with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.*

**Status of the Programme**

1. All students are admitted to the Certificate via a selection process in partnership with ENABLE Scotland.

**Mode of Study**

1. The programme is available on campus over an 8-week teaching block.

**Curriculum First Year**

1. All students shall undertake module(s) amounting to 20 credits as follows:

**Compulsory Module(s)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF100 | Business Skills with ENABLE Scotland | 1 | 20 |

**Award**

1. **Certificate**: In order to qualify for the award of the Certificate in Applied Business Skills, a candidate must have accumulated no fewer than 20 credits from the course curriculum.

# STRATHCLYDE BUSINESS SCHOOL

## FACULTY COURSES

**BA with Honours in (Principal Subject(s))**

**BA with Honours in (Principal Subject(s)) with International Study**

**BA in (Principal Subject(s))**

**BA in (Principal Subject(s)) with International Study Diploma of Higher Education in Business Certificate of Higher Education in Business**

**Course Regulations**

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

### 12800.UG.1 Credit Transfer and RPL

Students with appropriate qualifications may be admitted with advanced standing directly into the second or third year.

### 12800.UG.2 Mode of Study

The courses are available by full-time study only.

### 12800.UG.3 Place of Study

Certain subjects (such as Psychology) may require study out with the University.

The BA in Business (Principal Subjects) with International Study requires study at an approved institution abroad for a period of at least one semester.

### Course Structure

**12800.UG.4 Bachelor Degree**

In the first year of study, all students shall undertake a curriculum which includes the class *BF 101 Management Development Programme 1*. At the end of the first year of study, all students shall choose two non-elective subjects from this curriculum for further study. These shall be known as the Principal Subjects.

Over the second and third years of study, all students shall undertake a curriculum which centres on the two chosen Principal Subjects and includes the classes *BF 201 Management Development Programme 2* and *BF 303 Management Development Programme 3.* International students may take BF304 International Leadership Development in place of Management Development Programme.

A Principal Subject shall comprise classes amounting to no fewer than 100 credits (normally 20 at Level 1, 40 at Level 2 and 40 at Level 3). Subjects delivered from other Faculties may require students to take classes amounting to 40 credits at Level 1.

By the end of the third year, all students must have taken classes amounting to at least 60 credits at Level 3 and an additional 100 credits at Level 2.

The credits for a class may count towards the credit requirements for one of the Principal Subjects only.

### 12800.UG.5 Principal Subject and Honours Requirements

Accounting See Regulation 12800.UG.20 Business Analysis and

Technology See Regulation 12800.UG.34

Business Enterprise See Regulation 12800.UG.48

Business Law See Regulation 12800.UG.63

Economics See Regulation 12800.UG.75

Finance See Regulation 12800.UG.89 Hospitality and Tourism See Regulation12800.UG.103 Human Resource Management See Regulation12800.UG.117 Management See Regulation12800.UG.131 Management Science See Regulation12800.UG.145 Marketing See Regulation12800.UG.157 Mathematics and Statistics See Regulation12800.UG.171 Psychology See Regulation12800.UG.184

### 12800.UG.6 Permissible Combinations of Subjects for Bachelor and Honours Degrees

Subjects are normally available in the following combinations

**Accounting**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| H |  | | | | | | | | | | |
| H | H |  | | | | | | | | | |
| H | H | H |  | | | | | | | | |
| H | H | H | H |  | | | | | | | |
| H | H | H | H | H |  | | | | | | |
| H | H | H |  | H | H |  | | | | | |
| H | H | H | H | H | H | H |  | | | | |
| H | H | H | H | H | H | H | H |  | | | |
| H | H | H | H | H | H | H | H | H | **Marketing** | | |
| H | H | H | H | H | H | H | H | H | H | **Business Law** | ***Non-Business***  ***Subjects*** |
| H | H |  |  | H | H |  |  |  |  | **Mathematics and Statistics** | |
|  |  |  |  | H |  |  | H |  | H | **Psychology** |  |

**Business Analysis and Technology**

**Business Enterprise Economics**

**Finance**

**Hospitality and Tourism**

**Human Resource Management Management**

### Curriculum

**12800.UG.7 First Year**

All students shall undertake a curriculum amounting to 120 credits as follows

Compulsory Class Level Credits

BF 101 Management Development

Programme 1 1 20

Optional Classes

Students shall choose 60 credits from the classes in List A, together with

Either

40 credits from either List A or

40 credits from List B or

20 credits from List A and 20 credits from elective classes.

### List A: Level 1 Classes in Principal Subjects in Business

|  |  |  |  |
| --- | --- | --- | --- |
| AG 105 | Introduction to Finance and Financial |  | |
|  | Statistics \* | 1 | 20 |
| AG 111 | Accounting Technologies \* | 1 | 20 |
| AG 151 | Introduction to Finance and |  |  |
|  | Accounting\*\* | 1 | 20 |
| EC 111 | Introduction to Economics | 1 | 20 |
| HR 112 | Managing People | 1 | 20 |
| MG 112 | Managing in a Global Context | 1 | 20 |
| MK 111 | Introduction to Marketing | 1 | 20 |
| MS 112 | Business Analysis and Technology | 1 | 20 |
| SH 111 | Introduction Hospitality and Tourism |  |  |
|  | Management | 1 | 20 |
| Z1 151 | Entrepreneurship Theory and Practice | 1 | 20 |

\* *Only students admitted to study a degree which includes Accounting may take these classes. Students wishing to gain a degree in Accounting which is accredited by professional bodies should seek the advice of the Department of Accounting and Finance to ensure that the necessary classes are included in their curriculum.*

*\*\* Students taking AG 111 Accounting Technologies may not take this class*

|  |  |  |  |
| --- | --- | --- | --- |
| List B |  | | |
| M9 117 | Business Law | 1 | 20 |
| MM 101 | Introduction to Calculus (1A) | 1 | 20 |
| MM 102 | Applications of Calculus (1B) | 1 | 20 |
| C8 105 | Psychology 1A | 1 | 20 |
| C8 106 | Psychology 1B | 1 | 20 |

*Classes in Mathematics and Psychology must be taken in subject pairs. Students must pass MM101 (1A) and C8105 (1A) in order to MM201 (1B) and C8106 (1B) to qualify for admission to the Principal Subject. If they pass, they will be qualified for admission to the Principal Subject.*

Elective Class(es) 20

### 12800.UG.8 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 201 | Management |  |  |
|  | Development Programme 2 | 2 | 20\* |
|  | Principal Subject 1 | 2 | 40 |
|  | Principal Subject 2 | 2 | 40 |

Elective Class(es) 20

\*International students may replace BF201 with International Leadership Development BF304

### 12800.UG.9 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 303 | Management |  | |
|  | Development Programme 3 | 3 | 20 |
|  | Principal Subject 1 | 2/3 | 40 |
|  | Principal Subject 2 | 2/3 | 40 |

Elective Class(es) 20

Students who elect to undertake study abroad during their third year shall follow an approved curriculum of 120 credits which should include the equivalent of the following classes

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 303 | Management Development |  | |
|  | Programme 3 | 3 | 20\* |
|  | Principal Subject 1 | 3 | 40 |
|  | Principal Subject 2 | 3 | 40 |

and a further 20 credits

\*International students who took International Leadership Development BF304 in Year Two must take Leadership Development Programme 2 BF302 in place of BF 303

### 12800.UG.10 Single Honours

All students admitted to study a Single Honours degree shall undertake classes amounting to 120 credits at Level 4 in the Principal Subject specialisation including a dissertation (or equivalent).

### 12800.UG.11 Joint Honours

All students admitted to study a Joint Honours degree shall undertake classes amounting to 120 credits at Level 4 which meet the specialisation requirements for both Principal Subjects as follows

|  |  |  |
| --- | --- | --- |
| Compulsory Classes |  | |
| Dissertation (or equivalent) in Principal Subject 1 or 2\* | 4 | 40 |
| Principal Subject 1 | 4 | 40 |
| Principal Subject 2 | 4 | 40 |

\*Students taking Mathematics, Business Law or Psychology will be required to undertake a 20-credit Dissertation (Project) and must therefore take a further 20-credit class in their other Principal Subject.

Students taking Marketing and opting for the 20-credit Dissertation (Project) must therefore take a further 20-credit class in Marketing

### Progress

**12800.UG.12** In order to progress to the second year of the course Regulation 0000.1.UG.1.43 of the General Undergraduate Regulations shall apply.

**12800.UG.13** In order to progress to the third year of the course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply

**12800.UG.14** In order to progress to the fourth year of the course Regulation 0000.UG.1.45 of the General Undergraduate Regulations shall apply.

A student admitted with advanced standing to the third year as a potential Honours degree student must have accumulated at least 360 credits including at least 120 credits from the third year of study curriculum and have met any additional requirements specified at entry. These must include at least 100 credits at Level 3 of which at least 60 credits must be at Level 3, fulfil the appropriate honours year requirements for the principal subject(s)

and include appropriate class from the DP/LDP portfolio of classes. In addition, a student must have achieved a specified standard of performance with regard to level of study, academic attainment and any other specified criteria all as detailed in the Course Handbook.

### 12800.UG.15 Assessment and Final Honours Classification

On successful completion of the fourth year, a candidate will be awarded the Level 4 credits corresponding to the classes taken. The final Honours classification will normally be based on:

* 1. For students taking Honours subject(s) in the Strathclyde Business School only, the first assessed attempt at all classes in the Honours year;
  2. For students taking Joint Honours with a Principal Subject from the Strathclyde Business School and a Principal Subject offered by another Faculty, the first assessed attempt at specified classes in the third year (if appropriate) and all classes in the Honours year.

### Award

**12800.UG.16 BA with Honours**: In order to qualify for the award of the BA with Honours in *(Principal Subject(s))*, a candidate must have accumulated no fewer than 480 credits from the course curriculum.

### 12800.UG.17 BA with Honours with International Study:

In order to qualify for the award of the BA with Honours in (Principal Subject), a candidate must have accumulated no fewer than 480 credits from the course curriculum, including at least one semester at a partner institution in the third year of study.

**12800.UG.18 BA**: In order to qualify for the award of the BA in *(Principal Subject(s)),* a candidate must have accumulated no fewer than 360 credits from the course curriculum and must have passed all the compulsory classes and satisfied the requirements for two Principal Subjects.

For avoidance of doubt, the BA in Business is not used for the title of an award.

### 12800.UG.19 BA with International Study:

In order to qualify for the award of the BA in (Principal Subject) with International Study, a candidate must have accumulated no fewer than 360 credits from the course curriculum, including at least one semester at a partner institution in the third year of study.

**12800.UG.20 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Business, a candidate must have accumulated no fewer than 240 credits from the course curriculum including those for the class *BF 101 Management Development Programme 1.*

**12800.UG.21 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Business, a candidate must

have accumulated no fewer than 120 credits from the course curriculum.

### Principal Subject and Honours Requirements 12800.UG.22 Principal Subject Curriculum in Accounting

Students wishing to gain a degree in Accounting which is accredited by professional bodies should seek the advice of the Department of Accounting and Finance to ensure that the necessary classes are included in their curriculum.

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| AG111  AG105 | Accounting Technologies  Introduction to Finance and Financial | 1 | 20 |
|  | Statistics | 1 | 20 |
| AG218 | Intermediate Financial Reporting | 2 | 20 |
| AG219 | Cost and Management Accounting | 2 | 20 |
| AG309 | Governance and Accounting Ethics | 3 | 10 |
| AG308 | Auditing and Assurance | 3 | 10 |
| AG311 | Advanced Financial Reporting | 3 | 10 |
| AG310 | Contemporary Management Accounting | 3 | 10 |

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AG209 | Taxation | 2 | 20 |
| AG215 | Business Finance | 2 | 20 |

### 12800.UG.23 Single Honours Curriculum in Accounting

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

AG 435 Accounting Dissertation 4 40

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| AG 409 | Sustainability Accounting: |  | |
|  | Theory and Practice | 4 | 20 |
| AG 415 | Contemporary Issues in International |  |  |
|  | Financial Reporting | 4 | 20 |
| AG 416 | Management Accounting Theory |  |  |
|  | and Practice | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| AG 419 | Accounting and Risk | 4 | 20 |
| AG 420 | Auditing Theory and Practice Sustainable Accounting and Accountability | 4  4 | 20  20 |
| AG 424  AG 438 | Accounting Theories  Understanding 21st Century Accounting Technologies and Institutional Structures | 4  4 | 20  20 |

### 12800.UG.24 Joint Honours Curriculum in Accounting and Another Subject

All students shall undertake a curriculum in Accounting amounting to 40 credits chosen from the list of optional classes at Regulation 12800.UG.11 In addition, if the student elects to undertake the dissertation in Accounting

AG 435 Accounting Dissertation 4 40

### 12800.UG.25 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.35 (numbers not used)

|  |  |  |
| --- | --- | --- |
| **12800.UG.36** | **Principal Subject Curriculum in Business Analysis and Technology** |  |
|  | Compulsory Classes  MS 112 Business Analysis and Technology 1 | 20 |
|  | MS 211 Managing Business Processes and Information Systems 2 | 20 |
|  | MS 210 Analysing and Improving Operations 2 MS 311 Knowledge and Innovation  Management 3 | 20  20 |
|  | MS 361 Understanding and Optimizing  Business Systems 3 | 20 |
| **12800.UG.37** | **Single Honours Curriculum in Business Analysis Technology** | **and** |

All students shall undertake classes amounting to 120 credits as follows

|  |  |  |  |
| --- | --- | --- | --- |
|  | Technology | 4 | 40 |
| MS 420 | Management Science 4 | 4 | 20 |

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MS 415 | Business Process Integration with ERP | 4 | 20 |
| MS 416 | Business Analytics using Data Mining | 4 | 20 |
| MS 418 | Project Management | 4 | 20 |
| MS 422 | Risk Analysis and Management | 4 | 20 |
| MS 426 | Contemporary Business Technology | 4 | 20 |

### 12800.UG.38 Joint Honours Curriculum in Business Analysis and Technology

All students shall undertake classes amounting to 120 credits, this will include 40 credits in Business Analysis and Technology as follows

Compulsory Class

MS 420 Management Science 4 4 20

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MS 415 | Business Process Integration with ERP | 4 | 20 |
| MS 416 | Business Analytics using Data Mining | 4 | 20 |
| MS 418 | Project Management | 4 | 20 |
| MS 422 | Risk Analysis and Management | 4 | 20 |
| MS 426 | Contemporary Business Technology | 4 | 20 |

In addition, if the student elects to undertake the dissertation in Business Analysis and Technology

MS 424 Dissertation in Business Analysis and 4 20

Technology

### 12800.UG.39 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.49 (numbers not used)**

**12800.UG.50 Principal Subject Curriculum in Business Enterprise**

|  |  |  |  |
| --- | --- | --- | --- |
| Z1 218 | New Venture Planning | 2 | 20 |
| Z1 217 | Creativity and Innovation Management | 2 | 20 |
| Z1 314 | Entrepreneurial Capital | 3 | 20 |
| Z1 315 | Venture Management Strategy and Growth | 3 | 20 |

**12800.UG.51 Single Honours Curriculum in Business Enterprise**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |
| --- | --- |
| Z1 400 Family Business: Theory and Practice 4 | 20 |
| Z1 401 Venture Management in Practice 4 | 20 |
| Z1 403 Issues and Trends in Entrepreneurship 4 | 20 |
| Z1 404 Business Enterprise Dissertation and Special Research Methods 4 | 40 |
| Z1 405 International Entrepreneurship 4 | 20 |
| and either |  |
| Z1 400 Family Business: Theory and Practice 4 or  Z1408 Vertically Integrated Project  Enterprise (Sem 1) 4 | 20  10 |
| and  Z1409 Vertically Integrated Project  Enterprise (Sem 2) 4 | 10 |
| **Joint Honours Curriculum in Business Enterprise Another Subject** | **and** |

### 12800.UG.52

All students shall undertake classes amounting to 120 credits as follows, this will include 40 credits in Business Enterprise as follows

Compulsory Class

Z1 403 Issues and Trends in Entrepreneurship 4 20

Optional Classes

20 credits from the following

|  |  |  |  |
| --- | --- | --- | --- |
| Z1 400 | Family Business: Theory and Practice | 4 | 20 |
| Z1 405 | International Entrepreneurship | 4 | 20 |

In addition, if the student elects to undertake the dissertation in

Z1 404 Dissertation in Business Enterprise 4 40

### 12800.UG.53 to

The credit requirement for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.63 (numbers not used)

**12800.UG.64 Principal Subject Curriculum in Business Law**

Compulsory Class

M9117 Business Law 1 20

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| M9111 | Criminal Law | 1 | 20 |
| M9212 | EU Law | 2 | 20 |
| M9305 | Law, Film and Popular Culture | 3 | 20 |
| M9 307 | Crime and Punishment | 3 | 20 |
| M9308 | Human Rights Law | 3 | 20 |
| M9309 | Employment Law | 3 | 20 |
| M9313 | Housing Law | 3 | 20 |
| M9314 | Intellectual Property | 3 | 20 |
| M9318 | Competition Law | 3 | 20 |
| M9352 | Internet Law | 3 | 20 |

### 12800.UG.65 Joint Honours Curriculum in Business Law and Another Subject

All students shall undertake classes amounting to 120 credits as follows

In addition, if the student elects to undertake the dissertation in Business Law

LS 4XX Dissertation in Business Law 4 20

### 12800.UG.66 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.76 (numbers not used)

**12800.UG.77 Principal Subject Curriculum in Economics**

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EC 111 | Introduction to Economics | 1 | 20 |
| EC 215 | Intermediate Microeconomics | 2 | 20 |
| EC 216 | Intermediate Macroeconomics and |  |  |
|  | Data Analytics | 2 | 20 |
| EC 315 | Topics in Microeconomics with |  |  |
|  | Cross Section Econometrics | 3 | 20 |
| EC 316 | Topics in Macroeconomics with |  |  |
|  | Time Series Econometrics | 3 | 20 |

### 12800.UG.78 Single Honours Curriculum in Economics

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| EC 419 | Dissertation in Economics | 4 | 20 |
| EC 421 | Advanced Microeconomics | 4 | 20 |
| EC 422 | Advanced Macroeconomics | 4 | 20 |

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| EC 412 | Industrial Economics | 4 | 20 |
| EC 413 | Applied Economics | 4 | 20 |
| EC 415 | Behavioural Economics | 4 | 20 |
| EC 416 | Natural Resource, Environmental |  |  |
|  | and Energy Economics | 4 | 20 |
| EC 420 | Labour Economics | 4 | 20 |

### 12800.UG.79 Joint Honours Curriculum in Economics and Another Subject

All students shall undertake classes amounting to 120 credits as follows, this will include 40 credits in Economics as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| EC 421 | Advanced Microeconomics | 4 | 20 |
| EC 422 | Advanced Macroeconomics | 4 | 20 |

Optional classes

No more than 20 credits chosen from the optional classes listed in Regulation 12800.UG.75

In addition, if the student elects to undertake the dissertation in Economics they must take 20 credits of optional classes and

EC 419 Dissertation in Economics 4 20

### 12800.UG.80 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.90 (numbers not used)

|  |  |  |  |
| --- | --- | --- | --- |
| **12800.UG.91** | **Principal Subject Curriculum in Finance** |  | |
|  | Compulsory Classes |
|  | AG 151 Introduction to Finance and Accounting | 1 | 20 |
|  | AG 215 Business Finance  AG 217 Portfolio Management and  Security Analysis | 2  2 | 20  20 |
|  | AG 312 Advanced Corporate Finance and Financial Markets | 3 | 20 |
|  | AG 313 Treasury Management and Derivatives | 3 | 20 |

**12800.UG.92 Single Honours Curriculum in Finance**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

AG 436 Dissertation in Finance 4 40

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| AG 426 | Advanced Derivatives | 4 | 20 |
| AG 428 | Asset Pricing | 4 | 20 |
| AG 429 | Behavioural Finance | 4 | 20 |
| AG 430 | Corporate Financing | 4 | 20 |
| AG 431 | Corporate Investment Theory |  |  |
|  | and Policy | 4 | 20 |
| AG 432 | Financial Quantitative Methods | 4 | 20 |
| AG 434 | International Financial Management | 4 | 20 |

**12800.UG.93 Joint Honours Curriculum in Finance and Another Subject** All students shall undertake classes amounting to 120 credits as follows

All students shall undertake a curriculum in Finance amounting to 40 credits chosen from the list of optional classes at Regulation 12800.UG.11 In addition, if the student elects to undertake the dissertation in Finance

AG 436 Dissertation in Finance 4 40

### 12800.UG.94 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.104 (numbers not used)

**12800.UG.105 Principal Subject Curriculum in Hospitality and Tourism Management**

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| SH 111 | Introduction to Hospitality and Tourism |  |  |
|  | Management | 1 | 20 |
| MG 212 | Destination Marketing Management | 2 | 20 |
| MG 211 | Managing the Service Encounter | 2 | 20 |
| MG 314 | Event Management and Working in the |  |  |
|  | Third Sector | 3 | 20 |
| MG 316 | Internationalisation of Tourism |  |  |
|  | Products and Services | 3 | 20 |

### 12800.UG.106 Single Honours Curriculum in Hospitality and Tourism Management

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MG 412 | Dissertation in Hospitality and Tourism |  | |
|  | Management | 4 | 40 |
| 20MG 423 | Hospitality and Tourism Analysis: |  |  |
|  | Case Studies and Case Histories | 4 | 20 |

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MG 417 | Contemporary Issues in Management | 4 |  |
| SH 424 | Being and Ethical Manager | 4 | 20 |
| MG 402 | Management, Enterprise and the |  |  |
|  | Rise of the Global Economy | 4 | 20 |
| MG 418 | Strategy and Leadership | 4 | 20 |

### 12800.UG.107 Joint Honours Curriculum in Hospitality and Tourism Management and Another Subject

All students shall undertake classes amounting to 120 credits as follows

All students shall undertake a curriculum in Hospitality and Tourism amounting to 40 credits chosen from the list of optional classes at Regulation 12800.UG.11 In addition, if the student elects to undertake the dissertation in Hospitality and Tourism

MG 412 Dissertation in Hospitality and Tourism Management 4 40

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.119 Principal Subject Curriculum in Human Resource Management

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| HR 112 | Managing People | 1 | 20 |
| HR 207 | Work and Organisational Psychology | 2 | 20 |
| HR 208 | Work Psychology for Human Resource |  |  |
|  | Management | 2 | 20 |
| HR302 | Work, Employment and Society | 3 | 20 |
| HR303 | Employment Relations | 3 | 20 |

### 12800.UG.120 Single Honours Curriculum in Human Resource Management

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

HR 406 Human Resource Management

|  |  |  |  |
| --- | --- | --- | --- |
|  | Dissertation and Research Methods | 4 | 40 |
| HR 410 | Human Resources in the |  |  |
|  | Global Economy | 4 | 20 |
| HR 402 | Perspectives on Work and Employment | 4 | 20 |
| HR 408 | HRM and Employment Relations in |  |  |
|  | Public Services | 4 | 20 |
| HR 411 | Advanced Organisational Behaviour | 4 | 20 |

### 12800.UG.121 Joint Honours Curriculum in Human Resource Management and Another Subject

All students shall undertake classes amounting to 120 credits as follows

All students shall undertake a curriculum in Human Resource Management amounting to 40 credits chosen from the list of optional classes at Regulation 12800.UG.120 In addition, if the student elects to undertake the dissertation in Human Resource Management

HR 406 Human Resource Management

Dissertation and Research Methods 4 40

### 12800.UG.122 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.132 (number not used)

|  |  |  |  |
| --- | --- | --- | --- |
| **12800.UG.133** | **Principal Subject Curriculum in Management** |  | |
|  | Compulsory Classes |
|  | MG 210 Understanding Change |
|  | in Organisations | 2 | 20 |
|  | MG 209 Organisational Analysis and Strategy | 2 | 20 |
|  | MG 318 Contemporary Trends in Management |  |  |
|  | Practice | 3 | 20 |
|  | MG 317 The Reflective Practitioner | 3 | 20 |

**12800.UG.134 Single Honours Curriculum in Management**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MG 417 | Contemporary Issues in Management | 4 | 20 |
| MG 405 | Dissertation in Management | 4 | 40 |

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MG 418 | Strategy and Leadership | 4 | 20 |
| MG 402 | Management, Enterprise and |  |  |
|  | the Rise of the Global Corporation | 4 | 20 |
| MG 403 | The Dynamics of Organising | 4 | 20 |
| SH 424 | Being an Ethical Manager | 4 | 20 |

### 12800.UG.135 Joint Honours Curriculum in Management and Another Subject

All students shall undertake classes amounting to 120 credits as follows, this will include 40 credits in Management as follows

Compulsory Class

MG 417 Contemporary Issues in Management 4 20

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MG 418 | Strategy and Leadership | 4 | 20 |
| MG 402 | Management, Enterprise and the |  |  |
|  | Rise of the Global Corporation | 4 | 20 |
| MG 403 | The Dynamics of Organising | 4 | 20 |
| SH 424 | Being an Ethical Manager | 4 | 20 |

In addition, if the student elects to undertake the dissertation in Management

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MG 405 | | Dissertation in Management | 4 | 40 |
|  | The credit requirements for the other Principal Subject specified in that subject’s specialisation regulations. | | are |  |
| **12800.UG.159** | **Principal Subject Curriculum in Marketing** | |  |  |
|  | Compulsory Classes | |  |  |
|  | MK 111 Introduction to Marketing  MK 209 Understanding Consumers and  Markets | | 1  2 | 20  20 |
|  | MK 212 Services and Retail Marketing MK 329 Marketing Communication in the  Digital Age | | 2  3 | 20  20 |
|  | MK 328 Strategic Marketing in an International | |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Context | 3 | 20 |
| **12800.UG.160** | **Single Honours Curriculum in Marketing** |  |  |
|  | Compulsory Classes |  |  |
|  | MK 412 Brand Management | 4 | 20 |
|  | MK 414 Dissertation in Marketing OR  MK 429 Dissertation with Secondary Research | 4  4 | 40  20 |

Optional Classes

60 or 80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| MK 410 | Advances in Consumer  Behaviour Operations | 4 | 20 |
| MK 421 | Managing Integrated Marketing Communications: Theory and Practice | 4 | 20 |
| MK 415 | International Business Management | 4 | 20 |
| MK 416 | Managing Customer Relationships | 4 | 20 |
| MK 418 | Social Marketing | 4 | 20 |
| MK 419 | Sports Marketing | 4 | 20 |
| MK 425 | Small Business Marketing | 4 | 20 |
| MK 424 | Tourism Marketing | 4 | 20 |
| MK 428 | Business Relationship Marketing | 4 | 20 |

**12800.UG.161 Joint Honours Curriculum in Marketing and Another Subject** All students shall undertake classes amounting to 120 credits as follows, this shall include 40 credits in Marketing as follows

Compulsory Class

MK 412 Brand Management 4 20

together with 20 credits from the list of optional classes in Regulation 12800.UG.158

In addition, if the student elects to undertake the dissertation in Marketing

|  |  |  |  |
| --- | --- | --- | --- |
| MK 414  OR | Dissertation in Marketing | 4 | 40 |
| MK429 | Dissertation with Secondary Research | 4 | 20 |

together with a further 20 credits from the list of optional classes in Regulation 12800.UG.158

### 12800.UG.162 to

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

### 12800.UG.172 (numbers not used)

**12800.UG.173 Principal Subject Curriculum in Mathematics and Statistics**

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 201 | Linear Algebra and Differential |  |  |
|  | Equations | 2 | 20 |
| MM 204 | Probability and Statistical Interference | 2 | 20 |
| MM 302 | Differential Equations | 3 | 20 |
| MM 304 | Inference and Regression Modelling | 3 | 20 |

Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 103 | Geometry and Algebra with Applications | 1 | 20 |
| MM 104 | Statistics and Data Presentation | 1 | 20 |
| MM 206 | Mathematical and Statistical |  |  |
|  | Computing | 2 | 20 |
| MM 300 | Complex Variables and Integral |  |  |
|  | Transforms | 3 | 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| MM 307 | Stochastics and Financial |  |  |
|  | Econometrics | 3 | 20 |

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

### 12800.UG.174 Joint Honours Curriculum in Mathematics and Statistics and Another Subject

All students shall undertake classes amounting to 120 credits, this will include 40 credits in Mathematics and Statistics as follows

Optional Classes

MM 401 Communicating Mathematics

and Statistics 4 20

|  |  |  |  |
| --- | --- | --- | --- |
| List A |  |  |  |
| MM 402 | Modelling and Simulation with Applications to Financial Derivatives | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| List B\*\*\* MM 403 | Applicable Analysis 3 | 4 | 20 |
| MM 405  MM 406 | Fluids and Waves  Finite Element Methods for Boundary Value Problems and Approximation | 4  4 | 20  20 |
| MM 408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM 409 | Mathematical Introduction to Networks | 4 | 20 |
| MM 411 | Elasticity and Complex Materials | 4 | 20 |
| MM 412 | Optimization: Theory and Practice | 4 | 20 |
| MM 413 | Statistical Mechanics | 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology | 4 | 20 |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| XX 4XX | | Project in Mathematics and Statistics | 4 | 20 |
|  | The credit requirements for the other Principal Subject specified in that subject’s specialisation regulations. | | are |  |
| **12800.UG.186** | **Principal Subject Curriculum in Psychology** | |  |  |
|  | Compulsory Classes | |  |  |
|  | C8 105 Psychology 1A | | 1 | 20 |
|  | C8 106 Psychology 1B | | 1 | 20 |
|  | C8 201 Cognition and Neuropsychology | | 2 | 20 |
|  | C8 202 Social and Health Psychology C8 203 Introduction to Research Design  and Analysis | | 2  2 | 20  20 |
|  | C8 302 Research Methods in Psychology | | 3 | 20 |
| Optional Classes | | | | |
| C8 306 | | Psychobiology | 3 | 20 |
| C8 307 | | Social Psychology | 3 | 20 |
| C8 303 | | Individual Differences | 3 | 20 |
| C8 304 | | Cognition | 3 | 20 |
| C8 305 | | Development | 3 | 20 |

### 12800.UG.187 Joint Honours Curriculum in Psychology and Another Subject

All students shall undertake a curriculum in Psychology amounting to 60 credits as follows

Optional Classes

60 credits chosen from the list of optional classes in Regulation 15300.UG.202

Or, if the student elects to undertake the dissertation in Psychology

C8427 Dissertation in Psychology 4 20

And 40 credits chosen from the list of optional classes in Regulation 15300.UG.202

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

## STRATHCLYDE BUSINESS SCHOOL

**FACULTY PROGRAMMES**

**Bachelor of Arts with Honours in (Principal Subject(s))**

**Bachelor of Arts with Honours in (Principal Subject(s)) with International Study Bachelor of Arts in (Principal Subject(s))**

**Bachelor of Arts in (Principal Subject(s)) with International Study Diploma of Higher Education in Business**

**Certificate of Higher Education in Business**

*These regulations are to be read in conjunction with General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.* ***These regulations apply to entry on the above programmes in Academic Year 2020/21 only****.*

**Credit Transfer and RPL**

1. Students with appropriate qualifications may be admitted with advanced standing directly into the second or third year.

**Mode of Study**

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

**Place of Study**

1. Certain subjects (such as Psychology) may require study out with the University.
2. The BA in Business (Principal Subjects) with International Study requires study at an approved institution abroad for a period of at least one semester.

**Programme Structure Bachelor Degree**

1. In the first year of study, all students shall undertake a curriculum which includes the module BF101 Management Development Programme 1. At the end of the first year of study, all students shall choose two non-elective subjects from this curriculum for further study. These shall be known as the Principal Subjects.
2. Over the second and third years of study, all students shall undertake a curriculum which centres on the two chosen Principal Subjects and includes the modules BF201 Management Development Programme 2 and BF 303 Management Development Programme 3.
3. International students may take BF304 International Leadership Development in place of Management Development Programme.
4. A Principal Subject shall comprise modules amounting to no fewer than 100 credits (normally 20 at Level 1, 40 at Level 2 and 40 at Level 3). Subjects delivered from other Faculties may require students to take modules amounting to 40 credits at Level 1.
5. By the end of the third year, all students must have taken modules amounting to at least 60 credits at Level 3 and an additional 100 credits at Level 2.
6. The credits for a module may count towards the credit requirements for one of the Principal Subjects only. Principal Subject and Honours Requirements

Accounting See Section 30

Business Analysis and Technology See Section 31 Business Enterprise See Section 32

Business Law See Section 33

Economics See Section 34

Finance See Section 35

Hospitality and Tourism See Section 36 Human Resource Management See Section 37 Management See Section 38

Marketing See Section 39

Mathematics and Statistics See Section 40

Psychology See Section 41

1. Subjects are normally available in the following combinations:

**Accounting**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| H | **Business Analysis and Technology** | | | | | | | |
| H | H | **Business Enterprise** | | | | | | |
| H | H | H | **Economics** | | | | | |
| H | H | H | H | **Finance** | | | | |
| H | H | H | H | H | **Hospitality and Tourism Management** | | | |
| H | H | H | H | H | H | **Human Resources Management** | | |
| H | H | H | H | H | H | H | **Marketing** | |
|  | | | | | | | | ***Non-Business Subjects***  **Business Law Mathematics and Statistics**  **Psychology** |
| H | H | H | H | H | H | H | H |
|  | H |  | H | H |  |  |  |
|  |  |  | H |  |  | H | H |

**Curriculum**

1. **First Year**

All students shall undertake a curriculum amounting to 120 credits as follows:

**Compulsory Module**

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

|  |  |  |  |
| --- | --- | --- | --- |
| BF101 | Management Development Programme 1 | 1 | 20 |

**Optional Modules**

Students shall choose 60 credits from the modules in List A, together with either:

* 1. 40 credits from either List A or List B
  2. or 20 credits from List A and 20 credits from elective modules

**List A**: Level 1 Modules in Principal Subjects in Business

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG105 | Introduction to Finance and Financial Statistics \* | 1 | 20 |
| AG111 | Accounting Technologies \* | 1 | 20 |
| AG151 | Introduction to Finance and Accounting\*\* | 1 | 20 |
| EC111 | Introduction to Economics | 1 | 20 |
| HR112 | Managing People | 1 | 20 |
| MG112 | Managing in a Global Context | 1 | 20 |
| MK111 | Introduction to Marketing | 1 | 20 |
| MS112 | Business Analysis and Technology | 1 | 20 |
| SH111 | Introduction Hospitality and Tourism Management | 1 | 20 |
| Z1151 | Entrepreneurship Theory and Practice | 1 | 20 |

\* Only students admitted to study a degree which includes Accounting may take these modules. Students wishing to gain a degree in Accounting which is accredited by professional bodies should seek the advice of the Department of Accounting and Finance to ensure that the necessary modules are included in their curriculum.

\*\* Students taking AG111 Accounting Technologies may not take this module.

**List B**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9117 | Business Law | 1 | 20 |
| MM101 | Introduction to Calculus (1A) | 1 | 20 |
| MM102 | Applications of Calculus (1B) | 1 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| C8105 | Psychology 1A | 1 | 20 |
| C8106 | Psychology 1B | 1 | 20 |
|  | Elective Module(s) |  | 20 |

Modules in Mathematics and Psychology must be taken in subject pairs.

Students must pass MM101 (1A) and C8105 (1A) in order to take MM201 (1B) and C8106 (1B) and to qualify for admission to the Principal Subject. If they pass, they will be qualified for admission to the Principal Subject.

1. **Second Year**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF201 | Management Development Programme 2 | 2 | 20\* |
|  | Principal Subject 1 | 2 | 40 |
|  | Principal Subject 2 | 2 | 40 |
|  | Elective Module(s) |  | 20 |

\*International students may replace BF201 with International Leadership Development BF304.

1. **Third Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF303 | Management Development Programme 3 | 3 | 20 |
|  | Principal Subject 1 | 2/3 | 40 |
|  | Principal Subject 2 | 2/3 | 40 |
|  | Elective Module(s) |  | 20 |

Students who elect to undertake study abroad during their third year shall follow an approved curriculum of 120 credits which should include the equivalent of the following modules:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF303 | Management Development Programme 3 | 3 | 20 |
|  | Principal Subject 1 | 3 | 40 |
|  | Principal Subject 2 | 3 | 40 |
|  | Elective Module(s) |  | 20 |

\*International students who took International Leadership Development BF304 in Year Two must take Leadership Development Programme 2 BF302 in place of BF303.

**Single Honours**

All students admitted to study a Single Honours degree shall undertake modules amounting to 120 credits at Level 4 in the Principal Subject specialisation including a dissertation (or equivalent).

**Joint Honours**

All students admitted to study a Joint Honours degree shall undertake modules amounting to 120 credits at Level 4 which meet the specialisation requirements for both Principal Subjects as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
|  | Dissertation (or equivalent) in Principal Subject 1 or 2\* | 4 | 40 |
|  | Principal Subject 1 | 4 | 40 |
|  | Principal Subject 2 | 4 | 40 |

\*Students taking Mathematics, Business Law or Psychology will be required to undertake a 20-credit Dissertation (Project) and must therefore take a further 20-credit module in their other Principal Subject.

Students taking Marketing and opting for the 20-credit Dissertation (Project) must therefore take a further 20-credit module in Marketing.

**Progress**

1. In order to progress to the second year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
2. In order to progress to the third year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
3. In order to progress to the fourth year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
4. A student admitted with advanced standing to the third year as a potential Honours degree student must have accumulated at least 360 credits including at least 120 credits from the third year of study curriculum and have met any additional requirements specified at entry. These must include at least 100 credits of which at least 60 credits must be at Level 3, fulfil the appropriate honours year requirements for the principal subject(s) and include the appropriate module from the MDP/LDP portfolio of modules. In addition, a student must have achieved a specified standard of performance with regard to level of study, academic attainment and any other specified criteria all as detailed in the Programme Handbook.

**Assessment and Final Honours Classification**

1. On successful completion of the fourth year, a candidate will be awarded the Level 4 credits corresponding to the modules taken.
2. The final Honours classification will normally be based on:
   1. For students taking Honours subject(s) in the Strathclyde Business School only, the first assessed attempt at all modules in the Honours year;
   2. For students taking Joint Honours with a Principal Subject from the Strathclyde Business School and a Principal Subject offered by another Faculty, the first assessed attempt at specified modules in the third year (if appropriate) and all modules in the Honours year.

**Award**

1. **BA with Honours:** In order to qualify for the award of the BA with Honours in (Principal Subject(s)), a candidate must have accumulated no fewer than 480 credits from the programme curriculum.
2. **BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in (Principal Subject), a candidate must have accumulated no fewer than 480 credits from the programme curriculum, including at least one semester at a partner institution in the third year of study.
3. **BA:** In order to qualify for the award of the BA in (Principal Subject(s)), a candidate must have accumulated no fewer than 360 credits from the programme curriculum and must have passed all the compulsory modules and satisfied the requirements for two Principal Subjects.
4. For avoidance of doubt, the BA in Business is not used for the title of an award.
5. **BA with International Study:** In order to qualify for the award of the BA in (Principal Subject) with International Study, a candidate must have accumulated no fewer than 360 credits from the programme curriculum, including at least one semester at a partner institution in the third year of study.
6. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Business, a candidate must have accumulated no fewer than 240 credits from the programme curriculum including those for the module BF101 Management Development Programme 1.
7. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business, a candidate must have accumulated no fewer than 120 credits from the programme curriculum.

**Principal Subject and Honours Requirements**

1. **Principal Subject Curriculum in Accounting**

Students wishing to gain a degree in Accounting which is accredited by professional bodies should seek the advice of the Department of Accounting and Finance to ensure that the necessary modules are included in their curriculum.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG111 | Accounting Technologies | 1 | 20 |
| AG105 | Introduction to Finance and Financial Statistics | 1 | 20 |
| AG218 | Intermediate Financial Reporting | 2 | 20 |
| AG219 | Cost and Management Accounting | 2 | 20 |
| AG309 | Governance and Accounting Ethics | 3 | 10 |
| AG308 | Auditing and Assurance | 3 | 10 |
| AG311 | Advanced Financial Reporting | 3 | 10 |
| AG310 | Contemporary Management Accounting | 3 | 10 |

**Optional Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG209 | Taxation | 2 | 20 |
| AG215 | Business Finance | 2 | 20 |

**Single Honours Curriculum in Accounting**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG435 | Accounting Dissertation | 4 | 40 |

**Optional Modules**

80 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG409 | Sustainability Accounting: Theory and Practice | 4 | 20 |
| AG415 | Contemporary Issues in International Financial Reporting | 4 | 20 |
| AG416 | Management Accounting Theory and Practice | 4 | 20 |
| AG419 | Accounting and Risk | 4 | 20 |
| AG420 | Auditing Theory and Practice | 4 | 20 |
| AG409 | Sustainability Accounting: Theory and Practice | 4 | 20 |
| AG424 | Accounting Theories | 4 | 20 |
| AG438 | Understanding 21st Century Accounting Technologies and Institutional Structure | 4 | 20 |

**Joint Honours Curriculum in Accounting and Another Subject Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG435 | Accounting Dissertation | 4 | 40 |

All students shall undertake a curriculum in Accounting amounting to 40 credits chosen from the list of optional modules.

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Business Analysis and Technology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS112 | Business Analysis and Technology | 1 | 20 |
| MS211 | Managing Business Processes and Information Systems | 2 | 20 |
| MS210 | Analysing and Improving Operations | 2 | 20 |
| MS311 | Knowledge and Innovation Management | 3 | 20 |
| MS361 | Understanding and Optimizing Business Systems | 3 | 20 |

**Single Honours Curriculum in Business Analysis and Technology** All students shall undertake modules amounting to 120 credits as follows: **Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS424 | Dissertation in Business Analysis and Technology | 4 | 40 |
| MS420 | Management Science 4 | 4 | 20 |

**Optional Modules**

60 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS415 | Business Process Integration with ERP | 4 | 20 |
| MS416 | Business Analytics using Data Mining | 4 | 20 |
| MS418 | Project Management | 4 | 20 |
| MS422 | Risk Analysis and Management | 4 | 20 |
| MS426 | Contemporary Business Technology | 4 | 20 |

**Joint Honours Curriculum in Business Analysis and Technology**

All students shall undertake modules amounting to 120 credits, this will include 40 credits in Business Analysis and Technology as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS420 | Management Science 4 | 4 | 20 |

**Optional Modules**

20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS415 | Business Process Integration with ERP | 4 | 20 |
| MS416 | Business Analytics using Data Mining | 4 | 20 |
| MS418 | Project Management | 4 | 20 |
| MS422 | Risk Analysis and Management | 4 | 20 |
| MS426 | Contemporary Business Technology | 4 | 20 |

In addition, if the student elects to undertake the dissertation in Business Analysis and Technology the credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MS424 | Dissertation in Business Analysis and Technology | 4 | 20 |

1. **Principal Subject Curriculum in Business Enterprise Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| Z1151 | Entrepreneurship Theory and Practice | 1 | 20 |
| Z1218 | New Venture Planning | 2 | 20 |
| Z1217 | Creativity and Innovation Management | 2 | 20 |
| Z1314 | Entrepreneurial Capital | 3 | 20 |
| Z1315 | Venture Management Strategy and Growth | 3 | 20 |

**Single Honours Curriculum in Business Enterprise**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| Z1400 | Family Business: Theory and Practice | 4 | 20 |
| Z1401 | Venture Management in Practice | 4 | 20 |
| Z1403 | Issues and Trends in Entrepreneurship | 4 | 20 |
| Z1404 | Business Enterprise Dissertation and Special Research Methods | 4 | 40 |
| Z1405 | International Entrepreneurship | 4 | 20 |
| And either: | | | |
| Z1400 | Family Business: Theory and Practice | 4 | 20 |
| Or: | | | |
| Z1408 | Vertically Integrated Project Enterprise (Sem 1) | 4 | 10 |
| And: | | | |
| Z1409 | Vertically Integrated Project Enterprise (Sem 2) | 4 | 10 |

**Joint Honours Curriculum in Business Enterprise and Another Subject**

All students shall undertake modules amounting to 120 credits as follows, this will include 40 credits in Business Enterprise as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| Z1403 | Issues and Trends in Entrepreneurship | 4 | 20 |

**Optional Modules**

20 credits from the following:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| Z1400 | Family Business: Theory and Practice | 4 | 20 |
| Z1405 | International Entrepreneurship | 4 | 20 |

In addition, if the student elects to undertake the dissertation in Business Enterprise the credit requirement for the other Principal Subject are specified in that subject’s specialisation regulations.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| Z1404 | Dissertation in Business Enterprise | 4 | 40 |

1. **Principal Subject Curriculum in Business Law Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9117 | Business Law | 1 | 20 |

**Optional Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| M9111 | Criminal Law | 1 | 20 |
| M9212 | EU Law | 2 | 20 |
| M9305 | Law, Film and Popular Culture | 3 | 20 |
| M9307 | Crime and Punishment | 3 | 20 |
| M9308 | Human Rights Law | 3 | 20 |
| M9309 | Employment Law | 3 | 20 |
| M9313 | Housing Law | 3 | 20 |
| M9314 | Intellectual Property | 3 | 20 |
| M9318 | Competition Law | 3 | 20 |
| M9352 | Internet Law | 3 | 20 |

**Joint Honours Curriculum in Business Law and Another Subject**

All students shall undertake modules amounting to 120 credits. In addition, if the student elects to undertake the dissertation in Business Law the credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

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

|  |  |  |  |
| --- | --- | --- | --- |
| LS4XX | Dissertation in Business Law | 4 | 20 |

1. **Principal Subject Curriculum in Economics Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EC111 | Introduction to Economics | 1 | 20 |
| EC215 | Intermediate Microeconomics | 2 | 20 |
| EC216 | Intermediate Macroeconomics and Data Analytics | 2 | 20 |
| EC315 | Topics in Microeconomics with Cross Section Econometrics | 3 | 20 |
| EC316 | Topics in Macroeconomics with Time Series Econometrics | 3 | 20 |

**Single Honours Curriculum in Economics**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EC419 | Dissertation in Economics | 4 | 20 |
| EC421 | Advanced Microeconomics | 4 | 20 |
| EC422 | Advanced Macroeconomics | 4 | 20 |

**Optional Modules**

60 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EC412 | Industrial Economics | 4 | 20 |
| EC413 | Applied Economics | 4 | 20 |
| EC415 | Behavioural Economics | 4 | 20 |
| EC416 | Natural Resource, Environmental and Energy Economics | 4 | 20 |
| EC420 | Labour Economics | 4 | 20 |

1. **Joint Honours Curriculum in Economics and Another Subject**

All students shall undertake modules amounting to 120 credits as follows, this will include 40 credits in Economics:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EC421 | Advanced Microeconomics | 4 | 20 |
| EC422 | Advanced Macroeconomics | 4 | 20 |

**Optional Modules**

No more than 20 credits chosen from the optional modules list.

In addition, if the student elects to undertake the dissertation in Economics they must take 20 credits of optional modules and:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| EC419 | Dissertation in Economics | 4 | 20 |

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Finance Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG151 | Introduction to Finance and Accounting | 1 | 20 |
| AG215 | Business Finance | 2 | 20 |
| AG217 | Portfolio Management and Security Analysis | 2 | 20 |
| AG312 | Advanced Corporate Finance and Financial Markets | 3 | 20 |
| AG313 | Treasury Management and Derivatives | 3 | 20 |

**Single Honours Curriculum in Finance**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG436 | Dissertation in Finance | 4 | 40 |

**Optional Modules**

80 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG426 | Advanced Derivatives | 4 | 20 |
| AG428 | Asset Pricing | 4 | 20 |
| AG429 | Behavioural Finance | 4 | 20 |
| AG430 | Corporate Financing | 4 | 20 |
| AG431 | Corporate Investment Theory and Policy | 4 | 20 |
| AG432 | Financial Quantitative Methods | 4 | 20 |
| AG434 | International Financial Management | 4 | 20 |

**Joint Honours Curriculum in Finance and Another Subject**

All students shall undertake modules amounting to 120 credits as follows:

All students shall undertake a curriculum in Finance amounting to 40 credits chosen from the list of optional modules. In addition, if the student elects to undertake the dissertation in Finance the credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG436 | Dissertation in Finance | 4 | 40 |

1. **Principal Subject Curriculum in Hospitality and Tourism Management Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| SH111 | Introduction to Hospitality and Tourism Management | 1 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MG212 | Destination Marketing Management | 2 | 20 |
| MG211 | Managing the Service Encounter | 2 | 20 |
| MG314 | Event Management and Working in the Third Sector | 3 | 20 |
| MG316 | Internationalisation of Tourism Products and Services | 3 | 20 |

**Single Honours Curriculum in Hospitality and Tourism Management** All students shall undertake modules amounting to 120 credits as follows: **Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG412 | Dissertation in Hospitality and Tourism Management | 4 | 40 |
| MG423 | Hospitality and Tourism Analysis: Case Studies and Case Histories | 4 | 20 |

**Optional Modules**

60 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG417 | Contemporary Issues in Management | 4 | 20 |
| SH424 | Being and Ethical Manager | 4 | 20 |
| MG402 | Management, Enterprise and the Rise of the Global Economy | 4 | 20 |
| MG418 | Strategy and Leadership | 4 | 20 |

**Joint Honours Curriculum in Hospitality and Tourism Management and Another Subject**

All students shall undertake modules amounting to 120 credits.

All students shall undertake a curriculum in Hospitality and Tourism amounting to 40 credits chosen from the list of optional modules. In addition, if the student elects to undertake the dissertation in Hospitality and Tourism:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG412 | Dissertation in Hospitality and Tourism Management | 4 | 40 |

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Human Resource Management Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| HR112 | Managing People | 1 | 20 |
| HR207 | Work and Organisational Psychology | 2 | 20 |
| HR208 | Work Psychology for Human Resource Management | 2 | 20 |
| HR302 | Work, Employment and Society | 3 | 20 |
| HR303 | Employment Relations | 3 | 20 |

**Single Honours Curriculum in Human Resource Management**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| HR406 | Human Resource Management Dissertation and Research Methods | 4 | 40 |
| HR410 | Human Resources in the Global Economy | 4 | 20 |
| HR402 | Perspectives on Work and Employment | 4 | 20 |
| HR408 | HRM and Employment Relations in Public Services | 4 | 20 |
| HR411 | Advanced Organisational Behaviour | 4 | 20 |

**Joint Honours Curriculum in Human Resource Management and Another Subject**

All students shall undertake modules amounting to 120 credits.

All students shall undertake a curriculum in Human Resource Management amounting to 40 credits chosen from the list of optional modules. In addition, if the student elects to undertake the dissertation in Human Resource Management: .

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| HR406 | Human Resource Management Dissertation and Research Methods | 4 | 40 |

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Management Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG210 | Understanding Change in Organisations | 2 | 20 |
| MG318 | Contemporary Trends in Management Practice | 3 | 20 |
| MG317 | The Reflective Practitioner | 3 | 20 |

**Single Honours Curriculum in Management**

All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG417 | Contemporary Issues in Management | 4 | 20 |
| MG405 | Dissertation in Management | 4 | 40 |

**Optional Modules**

60 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG418 | Strategy and Leadership | 4 | 20 |
| MG402 | Management, Enterprise and the Rise of the Global Corporation | 4 | 20 |
| MG403 | The Dynamics of Organising | 4 | 20 |
| SH424 | Being an Ethical Manager | 4 | 20 |

**Joint Honours Curriculum in Management and Another Subject**

All students shall undertake modules amounting to 120 credits as follows, this will include 40 credits in Management as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG417 | Contemporary Issues in Management | 4 | 20 |

**Optional Modules**

20 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG418 | Strategy and Leadership | 4 | 20 |
| MG402 | Management, Enterprise and the Rise of the Global Corporation | 4 | 20 |
| MG403 | The Dynamics of Organising | 4 | 20 |
| SH424 | Being an Ethical Manager | 4 | 20 |

In addition, if the student elects to undertake the dissertation in Management the credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG405 | Dissertation in Management | 4 | 40 |

1. **Principal Subject Curriculum in Marketing Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MK111 | Introduction to Marketing | 1 | 20 |
| MK209 | Understanding Consumers and Markets | 2 | 20 |
| MK212 | Services and Retail Marketing | 2 | 20 |
| MK329 | Marketing Communication in the Digital Age | 3 | 20 |
| MK328 | Strategic Marketing in an International Context | 3 | 20 |

**Single Honours Curriculum in Marketing Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MK412 | Brand Management | 4 | 20 |
| MK414 | Dissertation in Marketing | 4 | 40 |
| Or | | | |
| MK429 | Dissertation with Secondary Research | 4 | 20 |

**Optional Modules**

60 or 80 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MK410 | Advances in Consumer Behaviour Operations | 4 | 20 |
| MK421 | Managing Integrated Marketing Communications: Theory and Practice | 4 | 20 |
| MK415 | International Business Management | 4 | 20 |
| MK416 | Managing Customer Relationships | 4 | 20 |
| MK418 | Social Marketing | 4 | 20 |
| MK419 | Sports Marketing | 4 | 20 |
| MK425 | Small Business Marketing | 4 | 20 |
| MK424 | Tourism Marketing | 4 | 20 |
| MK428 | Business Relationship Marketing | 4 | 20 |

**Joint Honours Curriculum in Marketing and Another Subject**

All students shall undertake modules amounting to 120 credits as follows, this shall include 40 credits in Marketing.

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MK412 | Brand Management | 4 | 20 |

Together with 20 credits from the list of optional modules.

In addition, if the student elects to undertake the dissertation in Marketing:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MK414 | Dissertation in Marketing | 4 | 40 |
| Or | | | |
| MK429 | Dissertation with Secondary Research | 4 | 20 |
| Together with a further 20 credits from the list of optional modules | | | |

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Mathematics and Statistics Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM101 | Introduction to Calculus | 1 | 20 |
| MM102 | Applications of Calculus | 1 | 20 |
| MM201 | Linear Algebra and Differential Equations | 2 | 20 |
| MM204 | Probability and Statistical Interference | 2 | 20 |
| MM302 | Differential Equations | 3 | 20 |
| MM304 | Inference and Regression Modelling | 3 | 20 |

**Optional Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM103 | Geometry and Algebra with Applications | 1 | 20 |
| MM104 | Statistics and Data Presentation | 1 | 20 |
| MM206 | Mathematical and Statistical Computing | 2 | 20 |
| MM300 | Complex Variables and Integral Transforms | 3 | 20 |
| MM301 | Linear Algebra | 3 | 20 |
| MM306 | Numerical Analysis | 3 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MM307 | Stochastics and Financial Econometrics | 3 | 20 |

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

**Joint Honours Curriculum in Mathematics and Statistics and Another Subject**

All students shall undertake modules amounting to 120 credits, this will include 40 credits in Mathematics and Statistics as follows:

**Optional Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM401 | Communicating Mathematics and Statistics | 4 | 20 |

**List A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM402 | Modelling and Simulation with Applications to Financial Derivatives | 4 | 20 |
| MM404 | Statistical Modelling and Analysis | 4 | 20 |
| MM407 | Applied Statistics in Society | 4 | 20 |

**List B\*\*\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM403 | Applicable Analysis 3 | 4 | 20 |
| MM405 | Fluids and Waves | 4 | 20 |
| MM406 | Finite Element Methods for Boundary Value Problems and Approximation | 4 | 20 |
| MM408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM409 | Mathematical Introduction to Networks | 4 | 20 |
| MM411 | Elasticity and Complex Materials | 4 | 20 |
| MM412 | Optimization: Theory and Practice | 4 | 20 |
| MM413 | Statistical Mechanics | 4 | 20 |
| MM414 | Dynamical Models in Epidemiology | 4 | 20 |
| XX4XX | Project in Mathematics and Statistics | 4 | 20 |

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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

1. **Principal Subject Curriculum in Psychology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| C8105 | Psychology 1A | 1 | 20 |
| C8106 | Psychology 1B | 1 | 20 |
| C8201 | Cognition and Neuropsychology | 2 | 20 |
| C8202 | Social and Health Psychology | 2 | 20 |
| C8203 | Introduction to Research Design and Analysis | 2 | 20 |
| C8302 | Research Methods in Psychology | 3 | 20 |

**Optional Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| C8306 | Psychobiology | 3 | 20 |
| C8307 | Social Psychology | 3 | 20 |
| C8303 | Individual Differences | 3 | 20 |
| C8304 | Cognition | 3 | 20 |
| C8305 | Development | 3 | 20 |

**Joint Honours Curriculum in Psychology and Another Subject**

All students shall undertake a curriculum in Psychology amounting to 60 credits.

**Optional Modules**

60 credits chosen from the list of optional modules.

Or, if the student elects to undertake the dissertation in Psychology:

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

|  |  |  |  |
| --- | --- | --- | --- |
| C8427 | Dissertation in Psychology | 4 | 20 |
| And 40 credits chosen from the list of optional modules. | | | |

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

# STRATHCLYDE BUSINESS SCHOOL

## FACULTY COURSES

**Bachelor of Business Administration with Honours *(in named specialism)***

**BBA of Bachelor Administration**

**Diploma of Higher Education in Business Administration**

**Course Regulations**

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

### 12800.UG.287 Admission

Admission to the course shall normally be to applicants who hold appropriate qualifications that would allow entry into the Second Year.

Students will be awarded RPL equivalent to 120 credits at Level 1.

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

### 12800.UG.288 Status of the Course

The course is offered at Honours level only.

### 12800.UG.289 Mode of Study

The course is available by full-time study only.

### 12800.UG.290 Course Structure

Prior to the start of the degree students have the option to choose a specialism from which they take at least 40 credits in both their second, third and fourth years.

### Curriculum 12800.UG.291 First Year

The first year is not taught as part of the course.

### 12800.UG.292 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| BF 200 | Leadership Development |  | |
|  | Programme 1 | 2 | 20 |
| EC 214 | Economics and Finance | 2 | 20 |

And 60 credits chosen from Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MS 210 | Analysing and Improving Operations | 2 | 20 |
| Z1 216 | Entrepreneurship: Opportunities and Ventures | 2 | 20 |
| MK 209 | Understanding Consumers and | 2 | 20 |
| HR 206 | Marketing  Organizational Behaviour | 2 | 20 |
| MG 214 | Hospitality and Tourism Management: An Introductory Synthesis | 2 | 20 |
| And |  |  |  |

20 credits from the relevant subject specialism classes, listed below

|  |  |  |  |
| --- | --- | --- | --- |
| EC 216 | Intermediate Macroeconomics and |  | |
|  | Data Analytics | 2 | 20 |
| HR 208 | Work Psychology for HRM | 2 | 20 |
| MS 211 | Managing Business Processes and |  |  |
|  | Information Systems | 2 | 20 |
| MK 212 | Services and Retail Marketing |  |  |
| Z1 218 | New Venture Planning |  |  |
| MG 212 | Destination Marketing and Management |  |  |

### 12800.UG.293 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 302 | Leadership Development  Programme 2 | 3 | 20 |
| MG 318 | Contemporary Trends in Management Practice | 3 | 20 |
| and Either |  |  |  |
| Z1 218 | New Venture Planning | 3 | 20 |
| OR  Z1 217 | Creativity and Innovation Management | 3 | 20 |

### Optional Classes

60 credits at Level 3 chosen from classes offered by the Strathclyde Business School, subject to the approval of the Course Director. No fewer than 40 credits must be taken in their chosen specialism.

### 12800.UG.294 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BF 404 Issues and Trends in Business

and Management 4 20

together with a 40 credit Dissertation in the chosen Principal Business subject

### or for those without a specialism

BF 402 BBA Dissertation 4 40\*

\* Students taking Marketing as a Principle Business Subject will take MK429 Dissertation with Secondary Research and a further 20-credit class in Marketing from the list of optional classes in Regulation 12800.UG.158

### 12800.UG.295 Progress

In order to progress to the third year of the course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply.

**12800.UG.296** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply.

### 12800.UG.297 Final Assessment and Honours Classification

On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the classes taken.

The final Honours classification for the degree of Bachelor of Business Administration with Honours will normally be based on the first assessed attempt at Level 4 classes taken in the fourth year.

### Award

**12800.UG.298 BBA with Honours:** In order to qualify for the award of the degree of Bachelor of Business Administration with Honours *(in named specialism),* Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12800.UG.299 BA:** In order to qualify for the award of the BA in Business Administration *(in named specialism)* Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply.

**12800.UG.300 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Business Administration *(in named specialism)* Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

# STRATHCLYDE BUSINESS SCHOOL

## FACULTY COURSES BUSINESS MANAGEMENT

**BA with Honours in Business Management BA in Business Management**

**Diploma of Higher Education in Business Management Certificate of Higher Education in Business Management**

**Course Regulations**

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

### Status of the Courses

**12800.UG.373** All students are normally admitted in the first instance as potential Honours students.

### 12800.UG.374 Mode of Study

The courses are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full time basis

### Curriculum First Year

**12800.UG.375** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| OB 101 | Understanding Strategy | 1 | 30 |
| OB 102 | Managing Yourself and Others | 1 | 30 |
| OB 103 | Managing in a Global Environment | 1 | 30 |
| OB 10x | Business Finance and Financial Services | 1 | 30 |

### Second Year

**12800.UG.376** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| OB 201 | Governance, Ethics and CSR | 2 | 40 |
| OB 202 | Fundamentals of Business Analysis |  |  |
|  | & Technology | 2 | 40 |
| OB 203 | Innovation and Assurance | 2 | 40 |

### Third Year

**12800.UG.377** All students shall undertake classes amounting to 120 credits as follows

Compulsory Class Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| OB 301 | Project Management | 3 | 40 |
| OB 302 | Research Methods in Business | 3 | 40 |

Optional Classes

40 credits at Level 3 chosen from the list of optional classes available,

as approved by the Course Director.

### Fourth Year

**12800.UG.378** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| OB 404 | Scenario Planning | 4 | 40 |
| OB 405 | Business Project | 4 | 60 |
| Optional Classes | |  | |
| 20 credits at Level 4 chosen from the classes below | |  | |
|  | | Level Credits | |
| OB 401 Employment Relations | | 4 10 | |
| OB 402 Business Law and Contract | | 4 10 | |
| OB 403 Negotiations and Procurement | | 4 10 | |

### Progress

**12800.UG.379** In order to progress to the second year of the course, a student must have accumulated at least 120 credits from the course curriculum.

**12800.UG.380** In order to progress to the third year of the course, a student must have accumulated at least 240 credits from the course curriculum including 120 credits at Level 2 or above.

**12800.UG.381** In order to progress to the fourth year of the course, a student must have accumulated at least 360 credits from the course curriculum including 120 credits at Level 3 or above.

### Final Honours Classification

**12800.UG.382** The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional classes which are taken in third and fourth year of the course;

### Award

**12800.UG.383 BA with Honours**: In order to qualify for the award of the degree of BA with Honours in Business Management Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12800.UG.384 BA:** In order to qualify for the award of the degree of BA in Business Management Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply.

**12800.UG.385 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education Business Management Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply

**12800.UG.386 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Management Regulation UG.00001.78 of the General Undergraduate Regulations shall apply.

# STRATHCLYDE BUSINESS SCHOOL

## FACULTY COURSES INTERNATIONAL BUSINESS

**BA with Honours in International Business with (Principal Subject)**

**BA in International Business**

**Diploma of Higher Education in International Business Certificate of Higher Education in International Business**

**Course Regulations**

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

### 12800.UG.199 Mode of Study

The courses are available by full-time, part time and flexible delivery.

### 12800.UG.200 Place of Study

The course includes study in the third year at a Business School or equivalent in another country for at least one semester.

### 12800.UG.201 Principal Subject and Honours Requirements

Business Analysis and

Technology See Regulation 12800.UG.3638 Business Enterprise See Regulation 12800.UG.50-52 Economics See Regulation 12800.UG.77-79

Finance See Regulation 12800.UG.91-93 Hospitality and Tourism

Management See Regulation 12800.UG.105-107 Human Resource Management See Regulation 12800.UG.119-

121

Management See Regulation 12800.UG.133-135

Marketing See Regulation 12800.UG.159-161

### Curriculum 12800.UG.202 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits BF 101 Management Development

Programme 1 1 20

MG 112 Managing in a Global Context 1 20

Optional Classes

60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| AG 151 | Introduction to Finance and Accounting | 1 | 20 |
| EC 111 | Introduction to Economics | 1 | 20 |
| HR 112 | Managing People | 1 | 20 |
| MK 111 | Introduction to Marketing | 1 | 20 |
| MS 112 | Business Analysis and Technology | 1 | 20 |
| SH 111 | Introduction to Hospitality and Tourism |  |  |
|  | Management | 1 | 20 |
| Z1 151 | Entrepreneurship Theory and Practice | 1 | 20 |

Elective Class(es) 20

### 12800.UG.203 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 201 | Management Development |  | |
|  | Programme 2 | 2 | 20 |
| MG 213 | International Business Analysis | 2 | 20 |
|  | Principal Subject 1 | 2 | 40 |
|  | Principal Subject 2 | 2 | 40 |

### 12800.UG.204 Third Year

All students are normally required to undertake study abroad at an approved institution for the equivalent of one or two Strathclyde semesters, and shall follow an approved curriculum of 120 credits which shall normally include the equivalent of the following classes

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF 303 | Management Development |  | |
|  | Programme 3 | 3 | 20 |
| MG 315 | Managing Across Cultures and |  |  |
|  | Frontiers | 3 | 20 |
|  | Principal Subject 1 | 3 | 40 |
|  | Principal Subject 2 | 3 | 40 |

### 12800.UG.205 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

MG 419 Contemporary Issues and Trend in International Business 4 20

Optional Classes

20 credits chosen from the following list

|  |  |  |  |
| --- | --- | --- | --- |
| MG402 | Management, Enterprise and the |  |  |
|  | Rise of the Global Economy | 4 | 20 |
| Z1405 | International Entrepreneurship | 4 | 20 |
| MK415 | International Business Management | 4 | 20 |
| MS418 | Project Management | 4 | 20 |
| MS426 | Contemporary Business Technology | 4 | 20 |
| 41433 | Human Resources in the |  |  |
| together with | Global Economy | 4 | 20 |

40 credits in the chosen Principal Business subject And

a 40 credit Dissertation in the chosen Principal Business subject, with an international focus.

\*Students with Marketing as their Principal Business subject and opting for the 20-credit Dissertation (Project) must therefore take a further 20-credit class in Marketing as stipulated by the Course Director.

### Progress

**12800.UG.206** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.40a a student must also gain passes in the following classes: for MG112 Managing in a Global Context and BF101 Management Development Programme 1and the foundation classes for the intended Principal Subjects*.*

**12800.UG.207** In order to progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.40b a student must also gain passes in the following classes: BF201 Management Development Programme 2 and the 2 compulsory classes relating to their chosen Principal Subjects.

### 12800.UG.208

In order to progress to the fourth year of the course, in addition to satisfying the requirements of Regulation 00001.UG.1.40.c, a student must have accumulated no fewer than 360 credits from the course curriculum including those for all compulsory classes

and the Level 3 compulsory classes relating to their chosen Principal Subjects, plus BF303 Management Development Programme 3. A student must normally pass the exchange period.

### Final Assessment and Honours Classification

**12800.UG.209** On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the classes taken.

**12800.UG.210** The final Honours classification for the degree of BA with Honours in International Business with (Principal Subject) will normally be based on the first assessed attempt at Level 4 classes taken in the fourth year.

### Award

**12800.UG.211 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in International Business with (Principal Subject) Regulation 00001.UG.1.75 shall apply.

**12800.UG.212 BA with Honours (with International Study):** In order to qualify for the award of the degree of BA with Honours in International Business with International Study Regulation 00001.UG.1.75 shall apply.

**12800.UG.213 BA**: In order to qualify for the award of the BA in International Business Regulation 00001.UG.1.76 shall apply.

**12800.UG.214 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in International Business Regulation 00001.UG.1.77 shall apply.

**12800.UG.215 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business Regulation 00001.UG.1.78 shall apply.

## STRATHCLYDE BUSINESS SCHOOL FACULTY PROGRAMMES

**INTERNATIONAL BUSINESS**

**Bachelor of Arts with Honours in International Business with (Principal Subject) Bachelor of Arts in International Business**

**Diploma of Higher Education in International Business Certificate of Higher Education in International Business**

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

***These regulations apply to entry on the above programmes in Academic Year 2020/21 only****.*

**Mode of Study**

1. The programmes are available by full-time, part time and flexible delivery.

**Place of Study**

1. The programme includes study in the third year at a Business School or equivalent in another country for at least one semester.

**Principal Subject and Honours Requirements**

1. For details on Principal Subjects and Honours Requirements see the following section of the of the Bachelor of Arts with Honours in (Principal Subject(s)) Programme Regulations

Business Analysis and Technology See Section 31 Business Enterprise See Section 32

Economics See Section 34

Finance See Section 35

Hospitality and Tourism See Section 36 Human Resource Management See Section 37 Management See Section 38

Marketing See Section 39

**Curriculum**

1. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF101 | Management Development Programme 1 | 1 | 20 |
| MG112 | Managing in a Global Context | 1 | 20 |

**Optional Modules**

60 credits chosen from:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| AG151 | Introduction to Finance and Accounting | 1 | 20 |
| EC111 | Introduction to Economics | 1 | 20 |
| HR112 | Managing People | 1 | 20 |
| MK111 | Introduction to Marketing | 1 | 20 |
| MS112 | Business Analysis and Technology | 1 | 20 |
| SH111 | Introduction to Hospitality and Tourism Management | 1 | 20 |
| Z1151 | Entrepreneurship Theory and Practice | 1 | 20 |
|  | Elective Module(s) |  | 20 |

1. **Second Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF201 | Management Development Programme 2 | 2 | 20 |
| MG213 | International Business Analysis | 2 | 20 |
|  | Principal Subject 1 | 2 | 40 |
|  | Principal Subject 2 | 2 | 40 |

1. **Third Year** - All students are normally required to undertake study abroad at an approved institution for the equivalent of one or two Strathclyde semesters, and shall follow an approved curriculum of 120 credits which shall normally include the equivalent of the following modules:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BF303 | Management Development Programme 3 | 3 | 20 |
| MG315 | Managing Across Cultures and Frontiers | 3 | 20 |
|  | Principal Subject 1 | 3 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Principal Subject 2 | 3 | 40 |

1. **Fourth Year** - All students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG419 | Contemporary Issues and Trend in International Business | 4 | 20 |

**Optional Modules**

20 credits chosen from the following list:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MG402 | Management, Enterprise and the Rise of the Global Economy | 4 | 20 |
| Z1405 | International Entrepreneurship | 4 | 20 |
| MK415 | International Business Management | 4 | 20 |
| MS418 | Project Management | 4 | 20 |
| MS426 | Contemporary Business Technology | 4 | 20 |
| 41433 | Human Resources in the Global Economy | 4 | 20 |

Together with 40 credits in the chosen Principal Business subject and a 40 credit Dissertation in the chosen Principal Business subject, with an international focus.

\*Students with Marketing as their Principal Business subject and opting for the 20-credit Dissertation (Project) must therefore take a further 20-credit module in Marketing as stipulated by the programme Leader.

**Progress**

1. In order to progress to the second year of the programme a student must also gain passes in the following modules: for MG112 Managing in a Global Context and BF101 Management Development Programme 1 and the foundation modules for the intended Principal Subjects.
2. In order to progress to the third year of the programme a student must also gain passes in the following modules: BF201 Management Development Programme 2 and the 2 compulsory modules relating to their chosen Principal Subjects.
3. In order to progress to the fourth year of the programme a student must have accumulated no fewer than 360 credits from the programme curriculum including those for all compulsory modules and the Level 3 compulsory modules relating to their chosen

Principal Subjects, plus BF303 Management Development Programme 3. A student must normally pass the exchange period.

**Final Assessment and Honours Classification**

1. On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the modules taken.
2. The final Honours classification for the degree of BA with Honours in International Business with (Principal Subject) will normally be based on the first assessed attempt at Level 4 modules taken in the fourth year.

**Award**

1. **BA with Honours:** In order to qualify for the award of the degree of BA with Honours in International Business with (Principal Subject) Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations).
2. **BA:** In order to qualify for the award of the BA in International Business Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).
3. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in International Business Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).
4. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

# STRATHCLYDE BUSINESS SCHOOL

## FACULTY COURSES

**INTERNATIONAL BUSINESS WITH A MODERN LANGUAGE**

**Master in International Business with a Modern Language BA with Honours in International Business with a Modern Language**

**BA in International Business with a Modern Language Diploma of Higher Education in International Business with a Modern Language**

**Certificate of Higher Education in International Business with a Modern Language**

**Course Regulations**

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

### 12800.UG.227 Mode of Study

The course is available by full-time study only.

### 12800.UG.228 Place of Study

The course includes study in the fourth year at a Business School or in the workplace as part of an internship or equivalent in the country of the main chosen language.

### 12800.UG.229 Principal Subject Requirements

See Regulation 12800.UG.34 to 12800.UG.185

### Curriculum

**12800.UG.230 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits BF101 Management Development

|  |  |  |
| --- | --- | --- |
| Programme 1 | 1 | 20 |
| MG112 Managing in a Global Context Optional Classes  Students will choose 40 credits from the list below:  AG151 Introduction to Finance and Accounting | 1  1 | 20  20 |

|  |  |  |  |
| --- | --- | --- | --- |
| EC111 | Introduction to Economics | 1 | 20 |
| HR112 | Managing People | 1 | 20 |
| MK111 | Introduction to Marketing | 1 | 20 |
| MS112 | Business Analysis and Technology | 1 | 20 |
| SH111 | Introduction to Hospitality and Tourism |  |  |
|  | Management | 1 | 20 |
| Z1151 | Entrepreneurship Theory and Practice | 1 | 20 |

40 credits in Modern Languages as approved by the Course Director.

### 12800.UG.231 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF201 | Management Development Programme 2 | 2 | 20 |
| MG213 | International Business Analysis | 2 | 20 |
|  | Principal Subject 1 (Business) | 2 | 40 |

And 40 Credits in Modern Languages as approved by the Course Director.

### 12800.UG.232 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BF301 | Management Development Programme 3 | 3 | 20 |
| MG315 | Managing Across Cultures and Frontiers | 3 | 20 |
|  | Principal Subject 1 (Business) | 3 | 40 |

And 40 credits in Modern Languages as approved by the Course Director

### 12800.UG.233 Fourth Year

MIBML Regulations

During their fourth year, all students are expected to undertake a curriculum that consists of 120 credits, 80 of which should relate to their Business education, including a 20-credit elective at an appropriate level, and a 40 credit project which should be in their chosen Modern Language, including an element of language tuition.

Compulsory Classes

EX404 IBML International Exchange 4 120

### 12800.UG.234 Fourth Year

BA IBML UG Regulations

The fourth year will normally be spent at a Business School or equivalent in the country of the main language where the student will attend an approved set of classes or participate in alternative work tasks.

The dissertation in the Principal Business Subject, normally on a topic relevant to that country and required as a component of the Fifth Year curriculum (see Regulation 12800.UG.233), may be started in this year abroad.

### 12800.UG.235 Fifth Year

Integrated Master Regulations

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MG508 Contemporary Issues and Trends

in International Business 5 20 together with

a 40 credit Dissertation at Level 5 in the chosen Principal Business subject, with an international focus.

and

20 credits chosen from list A and 40 credits in the chosen language as approved by the Course Director

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  |  |  |
| AG507 | Asset Pricing | 5 | 20 |
| AG510 | Behavioural Finance | 5 | 20 |
| AG511 | Corporate Financing | 5 | 20 |
| AG512 | Corporate Investment | 5 | 20 |
| AG513 | Financial Quantitative Methods | 5 | 20 |
| AG514 | International Finance Management | 5 | 20 |
| EC500 | Industrial Economics | 5 | 20 |
| EC503 | Natural Resource, Environmental Energy and |  |  |
|  | Energy Econometrics | 5 | 20 |
| EC504 | Behavioural Economics | 5 | 20 |
| EC506 | Applied Econometrics | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| EC509 | Advanced Microeconomics | 5 | 20 |
| EC510 | Advanced Macroeconomics | 5 | 20 |
| EC511 | Labour Economics | 5 | 20 |
| HR500 | HRM and Employment Relations in the |  |  |
|  | Public Services | 5 | 20 |
| HR501 | Advanced Organisation Behaviour | 5 | 20 |
| HR503 | Perspective on Work and Employment | 5 | 20 |
| HR504 | Human Resources in the Global Economy | 5 | 20 |
| MG502 | Management, Enterprise and the Rise of the |  |  |
|  | Global Economy | 5 | 20 |
| MG512 | Hospitality and Tourism Analysis: Case |  |  |
|  | Studies and Case Histories | 5 | 20 |
| MK500 | Brand Management | 5 | 20 |
| MS508 | Management Science 4 | 5 | 20 |
| Z1503 | International Entrepreneurship | 5 | 20 |

### 12800.UG.236 Fifth Year

Bachelor (BA) Regulations

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MG419 | Contemporary Issues and Trend in |  | |
|  | International Business | 4 | 20 |
|  | Principal Subject 1 (Business) | 4 | 40 |

And 40 credits in Modern Languages as approved by the Course Director

together with

a 40 credit Dissertation in the chosen Principal Business subject, with an international focus

\*Students with Marketing as their Principal Business subject and opting for the 20 credit Dissertation (Project) must therefore take a further 20 credit class in Marketing as stipulated by the Course Director.

### Progress

**Integrated Master Regulations**

**12800.UG.237** In order to progress to the second year of the course, a student must have accumulated at least 120 credits from the course curriculum (also see Regulation 0000.1.UG.1.43).

**12800.UG.238** In order to progress to the third year of the course, a student must have accumulated at least 240 credits from the course curriculum (also see Regulation 0000.1.UG.1.44).

**12800.UG.239** In order to progress to the fourth year of the course, a student must have accumulated no fewer than 360 credits from the course curriculum (also see Regulation 0000.1.UG.1.45).

**12800.UG.240** In order to progress to the fifth year of the course, a student must have accumulated no fewer than 480 credits from the course curriculum (also see Regulation 0000.1.UG.1.46).

Candidates should note that there is no corresponding BA with Honours degree available. Therefore, any candidate who fails to satisfy the progress requirements on to level five will be transferred to level three of the BA in International Business with a Modern Language degree, and any credits they may have accumulated at Level Four will not be considered in the degree (but they will be recorded as ‘personal credits’ on their transcript). Candidates who complete Level Four to the satisfaction of the Board of Examiners but who are unable due to personal reasons to progress to level 5, may be considered for an exit award of BA Honours (unclassified) in International Business with a Modern Language – this is an exit award only and is awarded subject to the discretion of the Board of Examiners.

### Final Assessment

**12800.UG.241** On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits corresponding to the classes taken.

### Progress

**12800.UG.242** In order to progress to the second year of the course, a student must have accumulated at least 120 credits from the course curriculum, including those for the class BF101 Management Development Programme 1 and MG112 Management in a Global Context and the Level 1 classes for the intended Principal Subjects (also see Regulation 0000.1.UG.1.43).

**12800.UG.243** In order to progress to the third year of the course, a student must have accumulated at least 240 credits from the course curriculum, including those for the class BF201 Management Development Programme 2 and the Level 2 compulsory classes relating to their chosen Principal Subjects (also see Regulation 0000.1.UG.1.44)

**12800.UG.244** In order to progress to the fourth year of the course, a student must have accumulated no fewer than 360 credits from the course curriculum including those for the BF303 Management Development Programme 3 and the Level 3 compulsory classes relating to their chosen Principal Subjects and have achieved a satisfactory performance in the third year (also see Regulation 0000.1.UG.1.45)

### 12800.UG.245 Final Assessment and Honours Classification

On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the classes taken.

The final Honours classification for the degree of BA with Honours in International Business with a Modern Language will normally be based on:

* 1. the first assessed attempt at Level 4 classes taken in the fourth year;
  2. the oral Modern Language examination

(ii) if appropriate, an oral examination.

### Award

**12800.UG.246 Masters:** In order to qualify for the award of the degree of Masters in International Business with a Modern Language, a candidate must have obtained no fewer than 600 credits from the course curriculum.

**12800.UG.247 Distinction in the Spoken Language(s):** A candidate who qualifies for the award of a Masters in International Business with a Modern Language degree and who has, according to prescribed criteria and in the opinion of the Board of Examiners, attained a high level of performance in the oral Modern Language examination may be awarded the Masters degree with distinction in the spoken language.

**12800.UG.248 BA with Honours:** In order to qualify for the award of the degree of BA with Honours in International Business with a Modern Language, Regulation 00001.UG.1.75 shall apply, a candidate must have obtained no fewer than 480 credits from the course curriculum.

**12800.UG.249 Distinction in the Spoken Language:** A candidate who qualifies for the award of a BA with Honours in International Business with a Modern Language degree and who has, according to prescribed criteria and in the opinion of the Honours Board of Examiners, attained a high level of performance in the oral examination may be awarded the Honours degree with distinction in the spoken language.

**12800.UG.250 BA with Honours (with International Study):** In order to qualify for the award of the degree of BA with Honours in International Business with a Modern Language with International Study, Regulation 00001.UG.1.75 shall apply, a candidate must have obtained no fewer than 480 credits from the course curriculum.

**12800.UG.251 BA:** In order to qualify for the award of the BA in International Business with a Modern Language, Regulation 00001.UG.1.76 shall apply, a candidate must have accumulated no fewer than 360 credits including those for the first, second and third year compulsory classes.

**12800.UG.252 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in International Business with a Modern Language, Regulation 00001.UG.1.77 shall apply, a candidate must have accumulated no fewer than 240 credits including those for the first and second year compulsory classes.

**12800.UG.253 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business with a Modern Language, Regulation 00001.UG.1.78 shall apply, a

candidate must have accumulated no fewer than 120 credits from the course curriculum.

Integrated Master Regulations

### 12800.UG.254 Transfer

A candidate who fails to satisfy the progress or award requirements for the degree of Masters may be transferred to the degree of BA in International Business with a Modern Language.

Transfer to the BA in Business or the BA in International Business will be considered for students who fail to satisfy the Board of Examiners in the Modern Language.

Undergraduate Regulations

### 12800.UG.255 Transfer

Transfer to the BA in *Principal Subject(s))* or the BA in International Business will be considered for students who fail to satisfy the Board of Examiners in the Modern Language. For avoidance of doubt, the BA in Business is not used for the title of an award.

# DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

## BUSINESS INFORMATION SYSTEMS

**BSc with Honours in Business Information Systems BSc in Business Information Systems**

**Diploma of Higher Education in Business Information Systems**

**Certificate of Higher Education in Business Information Systems**

**Course Regulations**

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

### 12212.UG.1 Mode of Study

The courses are available by full-time study only.

### Curriculum

**12212.UG.2 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits CS 103 Machines, Languages and Computation 1 20

|  |  |  |  |
| --- | --- | --- | --- |
| CS 104 | Information and Information Systems | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| CS 106 | Computer Systems and Organisation | 1 | 20 |
| CS 101 | Topics in Computing 1 | 1 | 10 |
| MS 112 | Business Analysis and Technology | 1 | 20 |
| Elective Class | | 10 | |

### 12212.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 207 | Advanced Programming | 2 | 20 |
| CS 209 | User and Data Modelling | 2 | 20 |
| CS 210 | Computer Systems and Architecture | 2 | 20 |
| CS 211 | Professional Issues in Computing | 2 | 10 |
| MS 210 | Analysing and Improving Operations | 2 | 20 |
| MS 211 | Managing Business Processes and |  |  |
|  | Information Systems | 2 | 20 |

Elective Class 10

### 12212.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 308 | Building Software Systems | 3 | 20 |
| CS 312 | Web Applications Development | 3 | 20 |
| CS 313 | Computer Systems and Concurrency | 3 | 20 |
| CS 317 | Mobile App Development | 3 | 20 |
| MS 311 | Knowledge and Innovation Management | 3 | 20 |
| MS 361 | Understanding and Optimizing |  |  |
|  | Business Systems | 3 | 20 |

### 12212.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| CS 417 | Business Information Systems | 4 | 80 |
| CS 408 | Individual Project | 4 | 40 |

#### CS 417 Business Information Systems comprises

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 412 | Information Access and Mining | 4 | 20 |
| CS 414 | Digital Forensics | 4 | 20 |
| CS 407 | Computer Security | 4 | 20 |
| MS 418 | Project Management | 4 | 20 |

Up to 40 credits of Level 4 Management Science (Business Technology) classes, as approved by the Course Director.

Such other Level 4 classes as may be approved by the Course Director.

### Progress

**12212.UG.6** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 (see General Undergraduate Regulations) a student must also gain a non-compensated Pass for the class *CS 105 Programming Foundations.*

**12212.UG.7** In order to progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.44 (see General Undergraduate Regulations) a student must also gain a non-compensated Pass for the class *CS 207 Advanced Programming*.

**12212.UG.8** In order to progress to the fourth year of the Honours degree course Regulation 00001.UG.1.45 (see General Undergraduate Regulations) shall apply.

### Final Honours Classification

**12212.UG.9** On successful completion of the fourth year, a candidate will be awarded 80 Level 4 credits under the class code *CS 417 Business Information Systems.*

**12212.UG.10** The final Honours classification will normally be based on the first assessed attempt at all classes taken at Levels 3 and 4.

### Award

**12212.UG.11 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Business Information Systems Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include the class *CS 408 Individual Project*.

**12212.UG.12 BSc**: In order to qualify for the award of the degree of BSc in Business Information Systems Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations) including no fewer than 100 credits at Level 3.

**12212.UG.13 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Business Information Systems Regulation 00001.UG 1.77 shall apply (see General Undergraduate Regulations).

**12212.UG.14 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Information Systems Regulation 00001.UG 1.78 shall apply (see General Undergraduate Regulations).

# DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

## COMPUTER SCIENCE

**MEng in Computer Science**

**BSc with Honours in Computer Science BSc in Computer Science**

**Diploma of Higher Education in Computer Science Certificate of Higher Education in Computer Science**

**Course Regulations**

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

### 12212.UG.46 Mode of Study

The MEng and BSc Computer Science courses are available by full time study only.

### 12212.UG.47 Place of Study

The MEng Computer Science course includes an Industrial Placement.

### Curriculum

**12212.UG.48 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

CS 103 Machines, Languages and Computation 1 20

|  |  |  |  |
| --- | --- | --- | --- |
| CS 104 | Information and Information Systems | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| CS 106 | Computer Systems and Organisation | 1 | 20 |
| CS 101 | Topics in Computing | 1 | 20 |
| MS 108 | Business Analysis & Technology (Sem 1) | 1 | 10 |
|  | Elective Class\* |  | 10 |

\*With the approval of the AoS a student may replace the elective with a Vertically Integrated Project (VIP).

### 12212.UG.49 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 207 | Advanced Programming | 2 | 20 |
| CS 208 | Logic and Algorithms | 2 | 20 |
| CS 209 | User and Data Modelling | 2 | 20 |
| CS 210 | Computer Systems and Architecture | 2 | 20 |
| CS 211 | Professional Issues in Computing | 2 | 10 |
| CS 2XX | Quantitative Methods for Computer |  |  |
|  | Science | 2 | 10 |
| CS 2YY | Functional Thinking | 2 | 10 |
|  | Elective Class\* |  | 10 |

\*With the approval of the AoS a student may replace the elective with a Vertically Integrated Project (VIP).

### 12212.UG.50 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 308 | Building Software Systems | 3 | 20 |
| CS 313 | Computer Systems and Concurrency | 3 | 20 |
| CS 310 | Foundations of Artificial Intelligence | 3 | 20 |
| CS 312 | Web Applications Development | 3 | 20 |
| CS 316 | Functional Programming | 3 | 20 |
| CS 317 | Mobile App Development | 3 | 20 |

### 12212.UG.51 Industrial Placement 1

All students on the MEng in Computer Science shall normally undertake the class CS 416 *Industrial Placement 1* between the third and fourth years. This class shall consist of a placement of approximately 12 weeks on work approved by the Course Director and shall count for 20 credits at Level 4.

### 12212.UG.52 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 418 | Computer Science\* | 4 | 80 |
| CS 408 | Individual Project | 4 | 40 |

**\****CS 418 Computer Science comprises*

CS 407 Computer Security 4 20

together with 60 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 410 | Advanced Functional Programming | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 412 | Information Access and Mining | 4 | 20 |
| CS 414 | Digital Forensics | 4 | 20 |
| MS 418 | Project Management | 4 | 20 |

Such other Level 4 or Level 5 classes as may be approved by the Course Director.

### 12212.UG.53 Industrial Placement 2

Students on the MEng in Computer Science who have already taken the class CS 416 *Industrial Placement 1*, may additionally undertake the class *CS 552 Industrial Placement 2* between the fourth and fifth years. This class shall consist of a placement of approximately 12 weeks on work approved by the Course Director and shall count for 20 credits at Level 5.

### 12212.UG.54 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

|  |  |  |  |
| --- | --- | --- | --- |
| CS 555 | Computer Science | 5 | 80 |
| CS 546 | Group Project | 5 | 40 |

#### CS 555 Computer Science comprises

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| 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 and Applications | 5 | 20 |

and Optional classes listed in Regulation 19.13.94.

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

### Progress

**12212.UG.55** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a

student must also gain a non-compensated Pass for the class

*CS 105 Programming Foundations.*

**12212.UG.56** In order to progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.44 students must also gain a non-compensated Pass for the class *CS 207 Advanced Programming*.

**12212.UG.57** In order to progress to the fifth year of the MEng degree course in addition to satisfying Regulation 00001.UG.1.45 a student must also gain a pass in *CS 408 Individual Project* and the class *CS 416 Industrial Placement 1.*

### Final Classification

**12212.UG.58** On successful completion of the fourth year, a candidate will be awarded 80 Level 4 credits under the class code *CS 418 Computer Science.*

**12212.UG.59** On successful completion of the fifth year, a candidate will be awarded 80 Level 5 credits under the class code *CS 555 Computer Science.*

The final classification for the degree of MEng in Computer Science will normally be based on the first assessed attempt at all classes taken at Levels 4 and 5.

**12212.UG.60** The final classification for the degree of BSc with Honours in Computer Science will normally be based on the first assessed attempt at all classes taken at Levels 3 and 4.

### Award

**12212.UG.61 MEng in Computer Science**: Notwithstanding 00001.UG.1.74 a candidate must have accumulated no fewer than 600 credits from the course curriculum including those for the classes *CS*

*408 Individual Project*, *CS 546 Group Project,* and *CS 416 Industrial Placement 1.*

**12212.UG.62 BSc with Honours in Computer Science**: Regulation 00001.UG.1.75 shall apply and must include the class *CS 408 Individual Project*.

**12212.UG.63 BSc in Computer Science**: Regulation 00001.UG.1.76 shall apply and must include 100 credits at Level 3.

**12212.UG.64 Diploma of Higher Education in Computer Science**: Regulation 00001.UG.1.77 shall apply**.**

### 12212.UG.65 Certificate of Higher Education in Computer Science:

Regulation 00001.UG.1.78 shall apply.

## DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

### Graduate Diploma in Computer Science Course Regulations

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

### Admission

**12212.GD.1** Regulation 00001. GD.1 shall apply

### Duration of Study

**12212.GD.2** Regulations 00001. GD.5 and 00001. GD.6 shall apply

### Mode of Study

**12212.GD.3** The courses are available by full-time and part-time study

### Curriculum

**12212.GD.4** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CS 418 | Computer Science\* | 4 | 80 |
| CS 408 | Individual Project | 4 | 40 |

\*CS 418 Computer Science comprises: 80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 410 | Advanced Functional Programming | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 412 | Information Access and Mining | 4 | 20 |
| CS 413 | Embedded Systems | 4 | 20 |
| CS 414 | Digital Forensics | 4 | 20 |

Or other such classes as approved by the Adviser of Study to bring the total studied at Level 4 to at least 100 credits.

### Examination, Progress and Final Assessment

**12212GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

### Award

**12212.GD.6 Graduate Diploma:** In order to qualify for the award of Graduate Diploma in in the chosen course, 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 CS 408 Individual Project.

## FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES DIGITAL AND TECHNOLOGY SOLUTIONS**

**Bachelor of Science with Honours in Digital and Technology Solutions**

**Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in IT Consultant**

**Bachelor of Science in Digital and Technology Solutions Diploma of Higher Education in Digital and Technology Solutions**

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

**Status of the Programmes**

1. Admission to the programme shall normally be for applicants who hold appropriate qualifications that would allow entry into the Second Year. Students will be awarded RPL equivalent to 120 credits at Level 1.
2. All students are normally admitted in the first instance as potential Honours students.

**Mode of Study**

1. The programmes are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full-time basis.

**Curriculum**

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

**First Year**

The First year is not taught as part of this programme.

**Second Year**

All students shall undertake modules amounting to 90 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CS113 | Information and Data 1 | 1 | 20 |
| CS114 | Software Engineering 1 | 1 | 20 |
| CS116 | Introduction to Programming | 1 | 20 |
| CS257 | DTSP Work Based Learning 1 | 2 | 20 |
| MS213 | Business meets Technology | 2 | 10 |

**Third Year**

All students shall undertake modules amounting to 90 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CS253 | Information and Data 2 | 2 | 20 |
| CS255 | Professional Issues | 2 | 10 |
| CS323 | Software Engineering for Digital and Technology Solutions | 3 | 10 |
| CS322 | DTSP Work Based Learning 2 | 3 | 20 |
| MS212 | Fundamentals of Business Technology and Analysis | 2 | 30 |

**Fourth Year**

All students shall undertake modules amounting to 90 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CS321 | Computer Networks | 3 | 20 |
| CS423 | Cyber Security | 4 | 10 |
| CS424 | DTSP Work Based Learning 2 | 4 | 20 |
| OB307 | Project Management | 3 | 40 |

**Fifth Year**

All students shall undertake modules amounting to 90 credits as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| CS425 | Synoptic Project | 4 | 60 |

**Optional Modules**

30 credits at Level 3 or 4 chosen from the list of optional classes available, as approved by the Advisor of Studies

**Progress**

1. In order to progress to the third year of the course, a student must have accumulated at least 210 credits from the course curriculum.
2. In order to progress to the fourth year of the course, a student must have accumulated at least 300 credits from the course curriculum.
3. In order to progress to the fifth year of the course, a student must have accumulated at least 390 credits from the course curriculum.

**Final Honours Classification**

1. The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional modules which are taken in third and fourth year of the programme.

**Award**

1. BSc with Honours: In order to qualify for the award of the degree of BSc with Honours in Digital and Technology Solutions the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. including those for the module CS4XZ Integrated Project 4 (GA).
2. BSc with Honours with Specialisation in…: In order to qualify for the award of the degree of BSc in Digital and Technology Solutions with Specialisation, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level for the BSc with Honours in Digital and Technology Solutions with Specialisation in a given topic a candidate must have undertaken 30 credits at Level 4 in subjects related to the specialisation together with CS425.
3. BSc: In order to qualify for the award of the degree of BSc in Digital and Technology Solutions, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
4. Diploma of Higher Education: In order to qualify for the award of a Diploma of Higher Education in Digital and Technology Solutions, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

# FACULTY OF SCIENCE

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

## IT: SOFTWARE DEVELOPMENT

**BSc with Honours in IT: Software Development BSc in IT: Software Development**

**Diploma of Higher Education in IT: Software Development Certificate of Higher Education in IT: Software Development**

**Course Regulations**

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

### Status of the Courses

**12212.UG.143** All students are normally admitted in the first instance as potential Honours students.

### Mode of Study

**12212.UG.144** The courses are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full time basis.

### Curriculum First Year

**12212.UG.145** All students shall undertake classes amounting to 120 credits as follows Compulsory Classes Level Credits

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CS | 111 | Computational Thinking (GA) | 1 | 20 |
| CS | 112 | Programming 1 (GA) | 1 | 30 |
| CS | 113 | Information and Data 1 (GA) | 1 | 20 |
| CS | 114 | Software Engineering 1 (GA) | 1 | 20 |
| CS | 115 | Integrated Project 1 (GA) | 1 | 30 |

### Second Year

**12212.UG.146** All students shall undertake classes amounting to 120 credits as follows Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CS | 251 | Programming 2 (GA) | 2 | 30 |
| CS | 252 | Software Engineering 2 (GA) | 2 | 20 |
| CS | 253 | Information and Data 2 (GA) | 2 | 20 |
| CS | 254 | Memory and Structure (GA) | 2 | 10 |
| CS | 255 | Professional Issues (GA) | 1 | 10 |
| CS | 256 | Integrated Project 2 (GA) | 1 | 30 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **12212.UG.147** | **Third Year**  All students shall undertake classes amounting | to | 120 | credits as |
|  | follows |  |  |  |
|  | Compulsory Class |  |  |  |
|  | CS 35A Programming 3 (GA) |  | 3 | 15 |
|  | CS 35B Computer Networks (GA) |  | 3 | 15 |
|  | CS 35C Introduction to Python and Big Data (GA) |  | 3 | 15 |
|  | CS 35D Designing Usable Systems (GA) |  | 3 | 15 |
|  | CS 35E Group Project 3 (GA) |  | 3 | 15 |
|  | CS 35F Software Engineering 3 (GA) |  | 3 | 15 |
|  | CS 35G Integrated Project 3 (GA) |  | 3 | 30 |

### Fourth Year

**12212.UG.148** All students shall undertake classes amounting to 120 credits as follows Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CS | 451 | Software Architecture and Design (GA) | 4 | 20 |
| CS | 452 | Big Data Technologies (GA) | 4 | 20 |
| CS | 453 | Information Systems Architecture (GA) | 4 | 20 |
| CS | 454 | Computer Security (GA) | 4 | 20 |
| CS | 455 | Individual Project 4 (GA) | 4 | 40 |

### Progress

**12212.UG.149** In order to progress to the second year of the course, Regulation 00001.UG.1.43 shall apply.

**12212.UG.150** In order to progress to the third year of the course, Regulation 00001.UG.1.44 shall apply including at least 240 credits from the course curriculum including 120 credits at Level 2 or above.

**12212.UG.151** In order to progress to the fourth year of the course, Regulation 00001.UG.1.45 shall apply including at least 360 credits from the course curriculum including 120 credits at Level 3 or above.

### Final Honours Classification

**12212.UG.152** The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional classes which are taken in third and fourth year of the course;

### Award

**12212.UG.153 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in IT: Software Development*,* Regulation 00001.UG.1.75 shall apply including those for the class CS 4XZ Integrated Project 4 (GA).

**12212.UG.154 BSc:** In order to qualify for the award of the degree of BSc in IT: Software Development, Regulation 00001.UG.1.76 shall apply. Notwithstanding

Regulation 0000.1.UG.1.10, these must include no fewer than 100 credits at Level 3.

**12212.UG.155 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in IT: Software Development, Regulation 0000.1UG.1.77 shall apply.

**12212.UG.156 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in IT: Software Development, Regulation 00001.UG.1.78 shall apply.

# DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

## SOFTWARE ENGINEERING

**BSc with Honours in Software Engineering BSc in Computer Science**

**Diploma of Higher Education in Computer Science Certificate of Higher Education in Computer Science**

**Course Regulations**

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

### 12212.UG.98 Mode of Study

The course is available by full-time study only.

### 12212.UG.99 Place of Study

The course includes placement out with the University campus.

### Curriculum 12212.UG.100 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits CS 103 Machines, Languages and Computation 1 20

|  |  |  |  |
| --- | --- | --- | --- |
| CS 104 | Information and Information Systems | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| CS 106 | Computer Systems and Organisation | 1 | 20 |
| CS 109 | Topics in Computing 1 | 1 | 10 |
| CS 110 | Combinatorics for Computer Science 1 | 1 | 10 |

MS 108 Business Analysis & Technology (Sem1)1 10

Elective Class\* 10

\*With the approval of the AoS a student may replace the elective with a Vertically Integrated Project (VIP).

### 12212.UG.101 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CS 207 Advanced Programming 2 20

|  |  |  |  |
| --- | --- | --- | --- |
| CS 208 | Logic and Algorithms | 2 | 20 |
| CS 209 | User and Data Modelling | 2 | 20 |
| CS 210 | Computer Systems and Architecture | 2 | 20 |
| CS 211 | Professional Issues in Computing | 2 | 10 |
| CS 212 | Topics in Computing 2 | 2 | 10 |
| CS 215 | Combinatorics for Computer Science 2 | 2 | 10 |

Elective Class\* 10

\*With the approval of the AoS a student may replace the elective with a Vertically Integrated Project (VIP).

### 12212.UG.102 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 308 | Building Software Systems | 3 | 20 |
| CS 313 | Computer Systems and Concurrency | 3 | 20 |

Optional Classes

80 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 310 | Foundations of Artificial Intelligence | 3 | 20 |
| CS 311 | Programming Language Definition and |  |  |
|  | Implementation | 3 | 20 |
| CS 312 | Web Applications Development | 3 | 20 |
| CS 316 | Functional Programming | 3 | 20 |
| CS 317 | Mobile App Development | 3 | 20 |

### 12212.UG.103 Industrial Placement

Between the third and the fourth years of their study each student shall spend a period of approximately one year on work approved by the Course Director; this shall constitute the class *CS 415 Industrial Placement*. The major part of this period will normally be spent in industry and a report on the work performed must be submitted to the Course Director by the end of the first week of the first semester of the final year. This report shall count for 20 credits at Level 4.

### 12212.UG.104 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 420 | Software Engineering\* | 4 | 80 |
| CS 408 | Individual Project | 4 | 40 |

\**CS 420 Software Engineering comprises*

|  |  |  |  |
| --- | --- | --- | --- |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 407 | Computer Security | 4 | 20 |

together with 40 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CS 410 | Advanced Functional Programming | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 412 | Information Access and Mining | 4 | 20 |
| CS 414 | Digital Forensics | 4 | 20 |
| MS 418 | Project Management | 4 | 20 |

Such other Level 4 or Level 5 classes as may be approved by the Course Director

### Progress

**12212.UG.105** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a non-compensated pass for the class *CS 105 Programming Foundations.*

**12212.UG.106** In order to progress to the third year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain a non-compensated pass for the class *CS 207 Advanced Programming*.

**12212.UG.107** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

### Final Honours Classification

**12212.UG.108** On successful completion of the fourth year, a candidate will be awarded 80 Level 4 credits under the class code *CS 420 Software Engineering.*

**12212.UG.109** The final Honours classification will normally be based on the first assessed attempt at all classes taken at Levels 3 and 4.

### Award

**12212.UG.110 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Software Engineering, a candidate must have accumulated no fewer than 500 credits from the course curriculum and must include *CS 408 Individual Project* and *CS 415 Industrial Placement.*

### 12212.UG.111 Transfer

A candidate who fails to satisfy the progress or award requirements for the degree of BSc with Honours in Software Engineering Regulation 00001.UG.1.46 shall apply.

12212.UG.112 BSc in Computer Science: Regulation 00001.UG.1.76 shall apply and must include 100 credits at Level 3.

12212.UG.113 Diploma of Higher Education in Computer Science: Regulation 00001.UG.1.77 shall apply.

12212.UG.114 Certificate of Higher Education in Computer Science: Regulation 00001.UG.1.78 shall apply.

# FACULTY OF SCIENCE

## FACULTY COURSES NATURAL SCIENCES

**BSc with Honours in Natural Sciences**

**BSc with Honours in Natural Sciences (named subjects) BSc in Natural Sciences**

**BSc in Natural Sciences (named subjects) Diploma of Higher Education in Natural Sciences**

**Certificate of Higher Education in Natural Sciences**

**Course Regulations**

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

### 12000.UG.1 Curriculum

The curriculum comprises classes selected from the following categories:

Science classes:

* 1. those classes taught by a department in the Faculty of Science; and
  2. other classes taken as compulsory or optional classes by students registered for a degree administered by a department in the Faculty of Science.

Non-Science classes

All other classes in the University.

Elective classes 20

### Curriculum (Full-time study)

### 12000.UG.2 First Year

Compulsory Classes Level Credits

SC101 Natural Science 1 120

#### SC101 comprises classes selected from the following categories

Science classes

1. those classes taught by a department in the Faculty of Science; and
2. other classes taken as compulsory or optional classes by students registered for a degree administered by a department in the Faculty of Science.

Non-Science classes

All other classes in the University.

### 12000.UG.3 Second Year

All full-time students shall normally undertake classes amounting to at least 120 credits, of which at least 100 are Science classes at Level 2 or above.

### 12000.UG.4 Third Year

***For students intending to obtain a Batchelor Degree***: All full- time students will normally take classes amounting to at least 120 credits, of which at least 60 are Science classes at Level 3 or above.

***For students intending to obtain an honours degree***: All full- time students will normally take classes amounting to at least 120 credits, of which at least 90 are Science classes at Level 3 or above.

### 12000.UG.5 Fourth Year

All full-time students will normally take classes amounting to at least 120 credits, of which at least 100 are Science classes at Level 4.

### 12000.UG.6 Curriculum (Part-time study)

Students studying on a part-time basis will normally take classes amounting to at least 60 credits in each year, subject to the approval of the Course Director.

### Progress (Full-time study)

**12000.UG.7** In order to progress to the second year of the course, a student must have accumulated 120 credits from the course curriculum and meet the progression requirements of the degree they are shadowing, as outlined in the degree regulations and handbook for that course

**12000.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**12000.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**12000.UG.10** A student who has not obtained the credits in a class shall not normally be permitted to attend a sequential class in the same subject.

### Progress (Part-time study)

**12000.UG.11** Regulation 00001.UG.1.49 and 00001.UG.1.50 shall apply.

### 12000.UG.12 Final Honours Classification

The final Honours classification for the degree of BSc in the chosen course will normally be based on the first assessed attempt at the approved classes that are taken in the third and fourth years.

### 12000.UG.13 Award

The degree may be awarded either as the BSc in Natural Sciences or as the BSc in Natural Sciences (named subjects).

**12000.UG.14 BSc with Honours:** In order to qualify for the award of the degree of *BSc with Honours in Natural Sciences* Regulation 00001.UG.1.75 shall apply with at least 270 credits from Science classes. The Science classes must include a minimum of 90 credits at Level 3 and 90 credits at Level 4.

**12000.UG.15 BSc with Honours in Natural Sciences (named subjects)**: In order to qualify for the award of the degree of *BSc with Honours in Natural Sciences (named subjects)*, a candidate must have accumulated no fewer than 480 credits from the course curriculum of which at least 340 credits shall come from Science classes. The Science classes must include a minimum of 90 credits at Level 3 and 90 credits at Level 4 in the subjects of the named degree.

**12000.UG.16 BSc:** In order to qualify for the award of the degree of *BSc in Natural Sciences*, a candidate must have accumulated no fewer than 360 credits from the course curriculum of which at least 180 credits shall come from Science classes. The Science classes must include a minimum of 100 credits at Level 2 and a minimum of 60 credits at Level 3.

**12000.UG.17 BSc in Natural Sciences (named subjects)***:* In order to qualify for the award of the degree of *BSc in Natural Sciences (named subjects)*, a candidate must have accumulated no fewer than 360 credits from the course curriculum of which at least 250 credits shall come from Science classes. The Science classes must include a minimum of 100 credits at Level 2 and a minimum of 60 credits at Level 3 in the subjects of the named degree.

**12000.UG.18 Diploma of Higher Education:** In order to qualify for the award of a *Diploma of Higher Education in Natural Sciences*, a candidate must have accumulated no fewer than 240 credits from the course curriculum. These must include 160 credits from Science classes of which a minimum of 100 must be at Level 2 or above.

**12000.UG.19 Certificate of Higher Education:** In order to qualify for the award of a *Certificate of Higher Education in Natural Sciences*, a candidate must have accumulated no fewer than 120 credits.

### 12000.UG.20 Transfer

Students entering first year are eligible to transfer to any Faculty of Science degree provided they satisfy the course progression requirements outlined in the regulations and/or handbook.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## DATA ANALYTICS

**BSc with Honours in Data Analytics BSc in Data Analytics**

**Diploma of Higher Education in Data Analytics Certificate of Higher Education in Data Analytics**

**Course Regulations**

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

### 12305.UG.338 Mode of Study

The courses are available by full-time study only.

### Curriculum 12305.UG.339 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CS 103 | Machines, Languages and |  | |
|  | Computation | 1 | 20 |
| CS 104 | Information and Information Systems | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 106 | Essential Statistics | 1 | 10 |
| MM 123 | Geometry and Algebra | 1 | 10 |

### 12305.UG.340 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 207 | Advanced Programming | 2 | 20 |
| CS 208 | Logic and Algorithms | 2 | 20 |
| CS 209 | User and Data Modelling | 2 | 20 |
| MM 221 | Linear Algebra | 2 | 10 |
| MM 222 | Multivariate Calculus | 2 | 10 |
| MM 204 | Probability and Statistical Inference | 2 | 20 |
| MM 206 | Mathematical and Statistical Computing | 2 | 20 |

### 12305.UG.341 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CS 308 Building Software Systems 3 20

MM 304 Inference and Regression Modelling 3 20

MM 307 Stochastics and Financial

Econometrics 3 20

Optional Classes

40 credits chosen by Honours students from the list below; and by other students from the list below or classes listed in Regulations 12305.UG.339 and 12305.UG.340 not previously

taken or further Elective Classes.

|  |  |  |  |
| --- | --- | --- | --- |
| CS 310 | Foundations of Artificial Intelligence | 3 | 20 |
| CS 312 | Web Applications Development | 3 | 20 |
| CS 316 | Functional Programming | 3 | 20 |
| CS 317 | Mobile App Development | 3 | 20 |

Elective Classes 20

### 12305.UG.342 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows:

Compulsory Class

MM 490 Data Analytics 4 120

#### MM 490 Data Analytics comprises

MM 401 Communicating Mathematics and

Statistics 4 20

or

CS 408 Individual Project (Computer Science) 4 40

and Optional Classes chosen from Lists A and B so that the curriculum contains no fewer than 40 credits in each subject.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A:** |  | | |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| MM 409 | Mathematical Introduction to Networks | 4 | 20 |
| MM 415 | Medical Statistics | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| **List B:** |  |  |  |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 410 | Advanced Functional Programming | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 412 | Information Mining and Access | 4 | 20 |

### Progress

**12305.UG.343** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a pass in the following classes: *MM 101 Introduction to Calculus and MM 102 Applications of Calculus.*

**12305.UG.344** In order to progress to the second year of the Bachelors course Regulation 00001.UG.1.43 shall apply.

**12305.UG.345** In order to progress to the third year of the Honours course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply.

**12305.UG.346** In order to progress to the third year of the Bachelors course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply.

**12305.UG.347** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 100 credits at level 3.

### Final Assessment and Classification

**12305.UG.348** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code MM490.

**12305.UG.349** The final classification for the degree of BSc with Honours in Data Analytics will normally be based on the first assessed

attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.50 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Data Analytics Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.351 BSc:** In order to qualify for the award of the degree of BSc in Data Analytics Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply.

**12305.UG.352 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Data Analytics Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.353 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Data Analytics Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

## FACULTY OF SCIENCE

**DEPARTMENT OF MATHEMATICS AND STATISTICS MATHEMATICS**

**Master of Mathematics in Mathematics**

**Master of Mathematics in Mathematics and Statistics Bachelor of Science with Honours in Mathematics**

**Bachelor of Science with Honours in Mathematics and Statistics Bachelor of Science with Honours in Mathematics with Teaching**

**Bachelor of Science with Honours in Mathematics with Teaching (International) Bachelor of Science in Mathematics**

**Diploma of Higher Education in Mathematical Studies Certificate of Higher Education in Mathematical Studies**

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

**Curriculum (Full-time study)**

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

**First Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM101 | Introduction to Calculus | 1 | 20 |
| MM102 | Applications of Calculus | 1 | 20 |
| MM103 | Geometry and Algebra with Applications | 1 | 20 |
| MM104 | Statistics and Data Presentation | 1 | 20 |
| MM108 | Applying Mathematics 1 | 1 | 10 |
| MM109 | Applying Mathematics 2 | 1 | 10 |
|  | Elective Module(s) |  | 20 |

**Second Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

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

|  |  |  |  |
| --- | --- | --- | --- |
| MM201 | Linear Algebra and Differential Equations | 2 | 20 |
| MM202 | Advanced Calculus | 2 | 20 |
| MM203 | Applicable Analysis | 2 | 20 |
| MM204 | Probability and Statistical Inference | 2 | 20 |
| MM205 | Introduction to Newtonian Mechanics | 2 | 20 |
| MM206 | Mathematical and Statistical Computing | 2 | 20 |

**Third Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM300 | Complex Variables and Integral Transforms | 3 | 20 |
| MM301 | Linear Algebra | 3 | 20 |
| MM302 | Differential Equations | 3 | 20 |

**Optional Modules**

For Integrated Masters and Honours students 60 credits chosen from List A or another module approved by the Programme Director. For Bachelor students 60 credits from Lists A and B.

**List A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM303 | Applicable Analysis 2 | 3 | 20 |
| MM304 | Inference and Regression Modelling\* | 3 | 20 |
| MM305 | Mechanics of Rigid Bodies and Fluids | 3 | 20 |
| MM306 | Numerical Analysis | 3 | 20 |
| MM307 | Stochastics and Financial Econometrics\* | 3 | 20 |

\*Compulsory for MMath and Honours students in Mathematics and Statistics.

**List B**

Modules in First and Second Year not previously taken or further Optional Modules.

**Mathematics with Teaching and Mathematics with Teaching (International)**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM302 | Differential Equations | 3 | 20 |
| MM304 | Inference and Regression Modelling | 3 | 20 |
| MM441 | Mathematics with Teaching\* | 4 | 60 |

\*MM441 Mathematics with Teaching comprises of 60 credits chosen from the list below.

**MM441 Mathematics with Teaching Optional Modules\*\***

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM402 | Modelling and Simulation with Applications to Financial Derivatives | 4 | 20 |
| MM403 | Applicable Analysis 3 | 4 | 20 |
| MM404 | Statistical Modelling and Analysis | 4 | 20 |
| MM405 | Fluids and Waves | 4 | 20 |
| MM406 | Finite Element Methods for Boundary Value Problems and Approximation | 4 | 20 |
| MM407 | Applied Statistics in Society | 4 | 20 |
| MM408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM409 | Mathematical Introduction to Networks | 4 | 20 |
| MM415 | Medical Statistics | 4 | 20 |

\*\*Not all of these modules will be available each year.

**Optional Modules**

No fewer than 20 credits chosen from the following list or another module approved by the Programme Director.

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM301 | Linear Algebra | 3 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MM305 | Mechanics of Rigid Bodies and Fluids | 3 | 20 |

**Fourth Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Mathematics**

**Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM400 | Mathematics\* | 4 | 120 |

\*MM400 Mathematics comprises of MM401 Communicating Mathematics and Statistics (20 credits) and 100 credits chosen from Lists A and B.

**Mathematics and Statistics**

**Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM410 | Mathematics and Statistics\* | 4 | 120 |

\*MM410 Mathematics and Statistics comprises of MM401 Communicating Mathematics and Statistics (20 credits), no fewer than 60 credits from List A and no fewer than 40 credits from List B, or another module approved by the Programme Director.

**Mathematics and**

**Mathematics and Statistics Optional Modules**

**List A**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM402 | Modelling and Simulation with Applications to Financial Derivatives | 4 | 20 |
| MM404 | Statistical Modelling and Analysis | 4 | 20 |
| MM407 | Applied Statistics in Society | 4 | 20 |
| MM415 | Medical Statistics | 4 | 20 |

**List B – subject to availability**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM402 | Modelling and Simulation with Applications to Financial Derivatives | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MM403 | Applicable Analysis 3 | 4 | 20 |
| MM405 | Fluids and Waves | 4 | 20 |
| MM406 | Finite Element Methods for Boundary Value Problems and Approximations | 4 | 20 |
| MM408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM409 | Mathematical Introduction to Networks | 4 | 20 |
| MM411 | Elasticity and Complex Materials | 4 | 20 |
| MM412 | Optimisation: Theory and Practice | 4 | 20 |
| MM413 | Statistical Mechanics | 4 | 20 |
| MM414 | Dynamical Models in Epidemiology | 4 | 20 |

**Mathematics with Teaching**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7457 | Educational Studies; Professional Values 1 | 4 | 20 |
| X7459 | Professional Learning Through Enquiry 1 | 4 | 20 |
| X7461 | Professional Skills; Curriculum and Pedagogy Mathematics 1 | 4 | 40 |
| X7460 | Professional Skills – Professional Practice 1 | 4 | 40 |

Note that Education modules may run before the start of Semester 1 and during the January Consolidation and Development week.

**Mathematics with Teaching (International)**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7457 | Educational Studies; Professional Values 1 | 4 | 20 |
| X7459 | Professional Learning Through Enquiry 1 | 4 | 20 |
| X7461 | Professional Skills; Curriculum and Pedagogy Mathematics 1 | 4 | 40 |

|  |  |  |  |
| --- | --- | --- | --- |
| X7496 | Placement Learning: Community | 4 | 20 |
| X7497 | Learning on Placement | 4 | 20 |

Note that Education modules may run before the start of Semester 1 and during the January Consolidation and Development week.

**Fifth Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Mathematics**

**Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM500 | Mathematics\* | 5 | 120 |

\*MM500 Mathematics comprises MM501 Project (40 credits) and 80 credits of Optional Modules.

**Mathematics and Statistics**

**Compulsory Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM510 | Mathematics and Statistics\* | 5 | 120 |

\*MM510 Mathematics and Statistics comprises of MM501 Project (40 credits) and 80 credits of Optional Modules.

**Optional Modules – subject to availability**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| MM502 | Modelling and Simulation with Applications to Financial Derivatives | 5 | 20 |
| MM503 | Applicable Analysis 3 | 5 | 20 |
| MM504 | Statistical Modelling and Analysis | 5 | 20 |
| MM505 | Fluids and Waves | 5 | 20 |
| MM506 | Finite Element Methods for Boundary Value Problems and Approximation | 5 | 20 |
| MM507 | Applied Statistics in Society | 5 | 20 |
| MM508 | Mathematical Biology and Marine Population Modelling | 5 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MM509 | Mathematical Introduction to Networks | 5 | 20 |
| MM511 | Elasticity and Complex Materials | 5 | 20 |
| MM512 | Optimisation: Theory and Practice | 5 | 20 |
| MM513 | Statistical Mechanics | 5 | 20 |
| MM514 | Dynamical Models in Epidemiology | 5 | 20 |
| MM515 | Topics in Applied Analysis | 5 | 20 |
| MM516 | Topics in Applied Statistics | 5 | 20 |
| MM517 | Topics in Applied Mathematics | 5 | 20 |
| MM518 | Topics in Numerical Analysis | 5 | 20 |
| MM519 | Topics in Biological and Ecological Modelling | 5 | 20 |
| MM909 | Medical Statistics | 5 | 20 |

**Curriculum (Part-time study)**

1. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

**Progress**

1. To progress to the second year of either the MMath or Bachelor with Honours degrees in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, students must gain passes in MM101 Introduction to Calculus and MM102 Applications of Calculus.
2. To progress to second year of the Bachelor of Mathematics degree, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. To progress to third year of either the MMath or Bachelor with Honours degrees in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, students must gain passes in in MM201 Linear Algebra and Differential Equations and MM202 Advanced Calculus.
4. To progress to third year of the Bachelor of Mathematics Degree, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
5. To progress to fourth year of either the MMath or Bachelor with Honours the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, with at least 120 credits at level 3 or above. In addition, students on the BSc Mathematics with Teaching Degree must meet the requirements for entering Initial Teacher Education.
6. To progress to fifth year of the MMath degrees, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Progress (Part-time study)**

1. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

**Final Assessment and Classification**

1. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM400 Mathematics or MM410 Mathematics and Statistics.
2. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the module code MM500 Mathematics or the module code MM510 Mathematics and Statistics.
3. The final classification for the degrees of MMath in Mathematics and MMath in Mathematics and Statistics will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 4 and 5 taken in the fourth and fifth years.
4. The final classification for the degree of BSc with Honours in Mathematics or Mathematics and Statistics will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 3 and 4 taken in the third and fourth years.

**Award**

1. **MMath in Mathematics, MMath in Mathematics and Statistics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
2. **BSc with Honours in Mathematics, BSc with Honours in Mathematics and Statistics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
3. **BSc with Honours in Mathematics with Teaching**: In order to qualify for the award of the degree of BSc with Honours in Mathematics with Teaching a candidate must have accumulated no fewer than 480 credits from the programme curriculum. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include:
   1. the credits for all the compulsory Level 4 Education modules taken individually;
   2. no fewer than 240 credits at Levels 3 and 4 with at least 180 credits at Level 4.
4. **BSc in Mathematics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
5. **Diploma of Higher Education in Mathematical Studies**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
6. **Certificate of Higher Education in Mathematical Studies**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS AND COMPUTER SCIENCE

**BSc with Honours in Mathematics and Computer Science BSc in Mathematics and Computer Science**

**Diploma of Higher Education in Mathematics and Computer Science**

**Certificate of Higher Education in Mathematics and Computer Science**

**Course Regulations**

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

### 12305.UG.54 Mode of Study

The courses are available by full-time study.

### Curriculum

**12305.UG.55 First Year**

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes Level Credits CS 103 Machines, Languages and Computation 1 20

|  |  |  |  |
| --- | --- | --- | --- |
| CS 104 | Information and Information Systems | 1 | 20 |
| CS 105 | Programming Foundations | 1 | 20 |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 123 | Geometry and Algebra | 1 | 10 |
| MM 106 | Essential Statistics | 1 | 10 |

Elective Class 10

### 12305.UG.56 Second Year

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CS 207 | Advanced Programming | 2 | 20 |
| CS 208 | Logic and Algorithms | 2 | 20 |
| CS 209 | User and Data Modelling | 2 | 20 |
| MM 201 | Linear Algebra and Differential |  |  |
|  | Equations | 2 | 20 |
| MM 202 | Advanced Calculus | 2 | 20 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MM 203 | | Applicable Analysis | 2 | 20 |
|  | Elective Class | | 10 | |
| **12305.UG.57** | **Third Year**  All full-time students shall undertake classes credits as follows | | amounting to 120 | |
|  | Compulsory Classes | |  | |
|  | CS 308 Building Software Systems | | 3 20 | |
|  | MM 301 Linear Algebra | | 3 20 | |
|  | MM 302 Differential Equations | | 3 20 | |

Optional Classes

60 credits chosen by Honours students from Lists A and B or another class approved by the Course Director, including at least 20 credits from List B; and by other students from Lists A, B, and C.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A**  MM 303 | Applicable Analysis 2 | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| **List B**  CS 310 | Foundations of Artificial Intelligence | 3 | 20 |
| CS 312 | Web Applications Development | 3 | 20 |
| CS 316 | Functional Programming | 3 | 20 |
| CS 317 | Mobile App Development | 3 | 20 |

### List C

Classes listed in Regulations 12305.UG.1 and 12305.UG.2 not previously taken, or further Elective Classes.

### 12305.UG.58 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

MM 420 Mathematics and Computer Science 4 120 ***MM 420 Mathematics and Computer Science comprises*** MM 401 Communicating Mathematics and

Statistics 4 20

or

CS 408 Individual Project (Computer Science) 4 40

and Optional Classes chosen from Lists A and B so that the curriculum contains no fewer than 40 credits in each subject.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  |  |  |
| MM 402 | Modelling and Simulation with |  |  |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 403 | Applicable Analysis 3 | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 405 | Fluids and Waves | 4 | 20 |
| MM 406 | Finite Element Methods for Boundary |  |  |
|  | Value Problems and Approximation | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| MM 408 | Mathematical Biology and Marine |  |  |
|  | Population Modelling | 4 | 20 |
| MM 409 | Mathematical Introduction to Networks | 4 | 20 |
| MM 411 | Elasticity and Complex Materials | 4 | 20 |
| MM 412 | Optimization: Theory and Practice | 4 | 20 |
| MM 413 | Statistical Mechanics | 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology | 4 | 20 |
| MM 415 | Medical Statistics | 4 | 20 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **List B** |  | | |
| CS 409 | Software Architecture and Design | 4 | 20 |
| CS 410 | Advanced Functional Programming | 4 | 20 |
| CS 411 | Theory of Computation | 4 | 20 |
| CS 412 | Information Mining and Access | 4 | 20 |

### Progress

**12305.UG.59** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 of the General Undergraduate Regulations student must also gain passes in the following classes: *MM 101 Introduction to Calculus* and *MM 102 Applications of Calculus*.

**12305.UG.60** In order to progress to the second year of the Bachelors course Regulation 00001.UG.1.43 of the General Undergraduate Regulations shall apply.

**12305.UG.61** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 of the General Undergraduate Regulations a student must also gain passes in the following class: *MM 201 Linear Algebra and Differential Equations.*

**12305.UG.62** In order to progress to the third year of the Bachelors course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply.

**12305.UG.63** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 120 credits at level 3.

### Final Assessment and Classification

**12305.UG.64** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 420*.

**12305.UG.65** The final classification for the degree of BSc with Honours in Mathematics and Computer Science will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.66 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics and Computer Science Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.67 BSc:** In order to qualify for the award of the degree of BSc in Mathematics and Computer Science Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply.

**12305.UG.68 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematics and Computer Science Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.69 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematics and Computer Science Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS AND PHYSICS

**BSc with Honours in Mathematics and Physics BSc in Mathematics and Physics**

**Diploma of Higher Education in Mathematics and Physics Certificate of Higher Education in Mathematics and Physics**

**Course Regulations**

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

### Curriculum (Full-time study)

**12305.UG.100 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 123 | Geometry and Algebra | 1 | 10 |
| MM 106 | Essential Statistics | 1 | 10 |
| PH 180 | Experimental Physics | 1 | 20 |
| PH 183 | Mechanics and Waves | 1 | 20 |

PH 184 Quantum Physics and Electromagnetism 1 20

### 12305.UG.101 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 201 | Linear Algebra and Differential |  | |
|  | Equations | 2 | 20 |
| MM 202 | Advanced Calculus | 2 | 20 |
| MM 206 | Mathematical and Statistical Computing | 2 | 20 |
| PH 283 | Mechanics and Waves | 2 | 20 |

PH 284 Quantum Physics and Electromagnetism 2 20

Elective Class(es) 20

### 12305.UG.102 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MM 300 Complex Variables and Integral

Transforms 3 20

MM302 Differential Equations 3 20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PH384 | Quantum Physics and Electromagnetism |  | 3 20 | |
| PH386 | Condensed Matter Physics | 3 | 20 |
| PH387 | Gases, Liquids and Thermodynamics | 3 | 20 |

Optional Classes

20 credits chosen by Honours students from List A; or another class approved by the Course Director, and by other students from Lists A and B.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  | | |
| MM301 | Linear Algebra | 3 | 20 |
| MM 305 | Mechanics of Rigid Bodies and Fluids | 3 | 20 |
| MM 306  **List B** | Numerical Analysis | 3 | 20 |

Classes listed in Regulations 12305.UG.100 and 12305.UG.101 not previously taken, or further Elective Classes.

### 12305.UG.103 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows:

Compulsory Class

### Mathematics and Physics

MM 430 Mathematics and Physics 4 120

#### MM 430 Mathematics and Physics comprises

|  |  |  |  |
| --- | --- | --- | --- |
| MM 401 | Communicating Mathematics and |  | |
|  | Statistics | 4 | 20 |
| or |  |  |  |
| PH 450 | Project (Physics) | 4 | 40 |

and Optional Classes chosen from lists A and B so that the curriculum contains no fewer than 40 credits in each subject.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A\*\***  MM 402 | Modelling and Simulation with |  |  |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 403 | Applicable Analysis 3 | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 405 | Fluids and Waves | 4 | 20 |
| MM 406 | Finite Element Methods for Boundary Value  Problems and Approximation 4 | | 20 |
| MM 407  MM 408 | Applied Statistics in Society 4  Mathematical Biology and  Marine Population Modelling 4 | | 20  20 |
| MM 409 | Mathematical Introduction to Networks 4 | | 20 |
| MM 411 | Elasticity and Complex Materials 4 | | 20 |
| MM 412 | Optimization: Theory and Practice 4 | | 20 |
| MM 413 | Statistical Mechanics 4 | | 20 |
| MM 414 | Dynamical Models in Epidemiology 4 | | 20 |
| MM 415 | Medical Statistics 4 | | 20 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **List B** |  | | |
| PH 452 | Topics in Physics | 4 | 20 |
| PH 453 | Topics in Solid State Physics | 4 | 20 |
| PH 454 | Topics in Nanoscience | 4 | 20 |
| PH 455 | Topics in Photonics | 4 | 20 |
| PH 456 Topics in Computational and Complex Systems in | | | |
|  | Physics | 4 | 20 |
| PH 457 | Topics in Theoretical Physics | 4 | 20 |
| PH 459 | Topics in Atomic, Molecular and |  |  |
|  | Nuclear Physics | 4 | 20 |
| PH 462 | Topics in Quantum Optics | 4 | 20 |

### 12305.UG.104 Curriculum (Part-time study)

Students studying on a part-time basis will normally take classes amounting to 60/70 credits in each year.

### Progress

**12305.UG.105** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain passes in the following classes: *MM 101 Introduction to Calculus* and *MM 102 Applications of Calculus*.

**12305.UG.106** In order to progress to the second year of the Bachelors course Regulation 00001.UG.1.43 shall apply.

**12305.UG.107** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 0000.1UG.1.44 a student must also gain passes in the following class: *MM 201 Linear Algebra and Differential Equations*.

**12305.UG.108** In order to progress to the third year of the Bachelors course Regulation 00001.UG.1.44 shall apply.

**12305.UG.109** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply with at least 120 credits at level 3.

### Progress (Part-time study)

**12305.UG.110** Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply.

### Final Assessment and Classification

**12305.UG.111** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code MM 430 Mathematics and Physics.

**12305.UG.112** The final classification for the degree of BSc with Honours in Mathematics and Physics will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.113 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics and Physics Regulation 00001.UG.1.75 shall apply.

**12305.UG.114 BSc:** In order to qualify for the award of the degree of BSc in Mathematics and Physics Regulation 00001.UG.1.76 shall apply.

**12305.UG.115 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematics and Physics Regulation 00001.UG.1.77 shall apply.

**12305.UG.116 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematics and Physics Regulation 00001.UG.1.78 shall apply.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS, STATISTICS AND ACCOUNTING

**BSc with Honours in Mathematics, Statistics and Accounting BSc in Mathematics, Statistics and Accounting**

**Diploma of Higher Education in Mathematical Studies Certificate of Higher Education in Mathematical Studies**

**Course Regulations**

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

### 12305.UG.148 Status of the Courses

All students are normally admitted in the first instance as Honours students*.* Transfer to the BSc in Mathematics, Statistics and Accounting is possible at any time subject to satisfying the appropriate progress regulations. Students wishing to obtain professional accreditation in Accounting should consult the Adviser of Study (Accounting) regarding their choice of optional classes. To be eligible for accreditation students will require to take an additional 20 credit class.

### 12305.UG.149 Mode of Study

The courses are available by full-time study.

### Curriculum 12305.UG.150 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

AG 111 Accounting Technologies 1 20

MM 101 Introduction to Calculus 1 20

MM 102 Applications of Calculus 1 20

MM 103 Geometry and Algebra with Applications 1 20

MM 104 Statistics and Data Presentation 1 20

Elective Class(es) 20

Additional Optional Class

Students seeking professional accreditation in Accounting must additionally take the class

AG 105 Introduction to Finance and

Financial Statistics 1 20

### 12305.UG.151 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AG 218 | Intermediate Financial Reporting | 2 | 20 |
| AG 219 | Cost and Management Accounting | 2 | 20 |
| MM 201 | Linear Algebra and Differential |  |  |
|  | Equations | 2 | 20 |
| MM 202 | Advanced Calculus | 2 | 20 |
| MM 204 | Probability and Statistical Inference | 2 | 20 |

Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| AG 209 | Taxation | 2 | 20 |
| M9117\* | Business Law | 2 | 20 |
| MM 206 | Mathematical and Statistical Computing | 2 | 20 |

or another class approved by the Course Director.

\*Students seeking professional accreditation in Accounting should take this option.

### 12305.UG.152 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AG 309 | Governance and Accounting Ethics | 3 | 10 |
| AG 308 | Auditing and Assurance | 3 | 10 |
| AG 310 | Contemporary Management Accounting | 3 | 10 |
| AG 311 | Advanced Financial Reporting | 3 | 10 |
| MM 302 | Differential Equations | 3 | 20 |
| MM 304 | Inference and Regression Modelling | 3 | 20 |

Optional Classes

40 credits chosen by Honours students from Lists A and B or another class approved by the Course Director, including at least 20 credits from List A; and by other students from Lists A, B and C.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A**  MM 300 | Complex Variables and Integral |  |  |
|  | Transforms | 3 | 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| MM 307 | Stochastics and Financial Econometrics | 3 | 20 |
| **List B**  AG 215\* | Business Finance | 2 | 20 |

### List C

Classes in Regulations, 12305.UG.150 and 12305.UG.151 not previously taken or further Elective Classes.

\*Students seeking professional accreditation in Accounting should take this option.

### 12305.UG.153 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

MM 450 Mathematics and Accounting 4

120

#### MM 450 Mathematics and Accounting comprises

|  |  |  |  |
| --- | --- | --- | --- |
| MM 401 | Communicating Mathematics and |  | |
|  | Statistics | 4 | 20 |
| or |  |  |  |
| 40 480 | Project (BSc Accounting) | 4 | 20 |
| or |  |  |  |
| AG 435 | Accounting Dissertation | 4 | 40 |

and Optional Classes chosen from Lists A, B and C below so that the curriculum contains at least 40 credits of Business subjects, with no fewer than 20 credits from each of Lists A, B and C.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  |  | |
| MM 402 | Modelling and Simulation with |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| MM 415 | Medical Statistics | 4 | 20 |

|  |  |  |
| --- | --- | --- |
| **List B** |  |  |
| MM 402 | Modelling and Simulation with Applications |
|  | To Financial Derivatives 4 | 20 |
| MM 403 | Applicable Analysis 3 4 | 20 |
| MM 405 | Fluids and Waves 4 | 20 |
| MM 406 | Finite Element Methods for Boundary |  |
|  | Value Problems and Approximation 4 | 20 |
| MM 408 | Mathematical Biology and Marine |  |
|  | Population Modelling 4 | 20 |
| MM 409 | Mathematical Introduction to Networks 4 | 20 |
| MM 411 | Elasticity and Complex Materials 4 | 20 |
| MM 412 | Optimization: Theory and Practice 4 | 20 |
| MM 413 | Statistical Mechanics 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology 4 | 20 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **List C** |  |  | |
| AG 415 | Contemporary Issues in International |
|  | Financial Reporting | 4 | 20 |
| AG 416 | Management Accounting Theory |  |  |
|  | and Practice | 4 | 20 |
| AG 419 | Accounting and Risk | 4 | 20 |
| AG 420 | Auditing Theory and Practice | 4 | 20 |
| AG 422 | Accounting Ethics | 4 | 20 |
| AG 438 | Understanding Accounting Technologies |  |  |
|  | and Institutional Structures | 4 | 20 |

### Progress

**12305.UG.154** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 of the General Undergraduate Regulations student must also gain passes in the following classes: *MM 101 Introduction to Calculus, MM 102 Applications of Calculus* and *AG 111 Accounting Technologies*.

**12305.UG.155** In order to progress to the second year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a pass in the following class: *AG 111 Accounting Technologies*.

**12305.UG.156** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 201 Linear Algebra and Differential Equations, MM 204 Probability and Statistical Inference, AG 218 Intermediate Financial Reporting and AG 219 Cost and Management Accounting.*

**12305.UG.157** In order to progress to the third year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain a pass in the following

classes: *AG 218 Intermediate Financial Reporting and AG219 Cost and Management Accounting.*

**12305.UG.158** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 100 credits at level 3 including, a pass in the following classes: *AG 309 Governing and Accounting Ethics, AG*

*308 Auditing and Assurance, AG 310 Contemporary Management Accounting and AG 311 Advanced Financial Reporting.*

### 12305.UG.159 Final Assessment and Classification

On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 450*.

**12035.UG.160** The final classification for the degree of BSc with Honours in Mathematics, Statistics and Accounting will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.161 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Accounting Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.162 BSc:** In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Accounting Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply and must include *AG 218 Intermediate Financial Reporting, AG 219 Cost and Management Accounting, AG 309 Governance and Accounting Ethics, AG 308 Auditing and Assurance, AG 310 Contemporary Management Accounting and AG 311 Advanced Financial Reporting.*

**12350.UG.163 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies*,* Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.164 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS, STATISTICS AND BUSINESS ANALYSIS

**BSc with Honours in Mathematics, Statistics and Business Analysis**

**BSc in Mathematics, Statistics and Business Analysis Diploma of Higher Education in Mathematical**

**Studies Certificate of Higher Education in Mathematical Studies**

**Course Regulations**

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

### 12305.UG.291 Mode of Study

The courses are available by full-time study only.

### Curriculum 12305.UG.292 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 103 | Geometry and Algebra with Applications | 1 | 20 |
| MM 104 | Statistics and Data Presentation | 1 | 20 |
| MS 112 | Business Analysis and Technology | 1 | 20 |

Elective Class (es) 20

### 12305.UG.293 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 201 | Linear Algebra and Differential |  | |
|  | Equations | 2 | 20 |
| MM 202 | Advanced Calculus | 2 | 20 |
| MM 204 | Probability and Statistical Inference | 2 | 20 |
| MM 206 | Mathematical and Statistical |  |  |
|  | Computing | 2 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| MS 210 | Analysing and Improving Operations | 2 | 20 |
| MS 211 | Managing Business Processes and | 2 | 20 |
|  | Information Systems |  |  |

### 12305.UG.294 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MM 302 | Differential Equations | 3 | 20 |
| MM 304 | Inference and Regression Modelling | 3 | 20 |
| MS 361 | Understanding and Optimizing Business |  |  |
|  | Systems | 3 | 20 |
| MS 311 | Knowledge and Innovation |  |  |
|  | Management | 3 | 20 |

Optional Classes

40 credits chosen by Honours students from List A or another class approved by the Course Director; and by other students from Lists A and B.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  |  | |
| MM 300 | Complex Variables and Integral |
|  | Transforms | 3 | 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| MM 307 | Stochastics and Financial Econometrics | 3 | 20 |

### List B

Classes in Regulations 12305.UG.292 and 12305.UG.293 not previously taken or further Elective Classes.

### 12305.UG.295 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

MM 481 Mathematics and Business Analysis 4 120

#### MM 481 Mathematics and Business Analysis comprises

|  |  |  |  |
| --- | --- | --- | --- |
| MM 401 | Communicating Mathematics and |  | |
|  | Statistics | 4 | 20 |
| or |  |  |  |
| 48 490 | Project (BSc Management Science) | 4 | 20 |

or

MS 424 Dissertation in Management Science 4 40

and Optional Classes chosen from Lists A, B and C below so that the curriculum contains at least 40 credits of Business subjects, with no fewer than 20 credits from each of Lists A, B and C.

|  |  |  |
| --- | --- | --- |
| **List A**  MM 402 | Modelling and Simulation with Applications to |  |
|  | Financial Derivatives 4 | 20 |
| MM 404 | Statistical Modelling and Analysis 4 | 20 |
| MM 407 | Applied Statistics in Society 4 | 20 |
| MM 415 | Medical Statistics 4 | 20 |
| **List B\*\***  MM 402 | Modelling and Simulation with |  |
|  | Applications to Financial Derivatives 4 | 20 |
| MM 403 | Applicable Analysis 3 4 | 20 |
| MM 405  MM 406 | Fluids and Waves 4  Finite Element Methods for Boundary Value Problems and  Approximation 4 | 20  20 |
| MM 408 | Mathematical Biology and Marine Population Modelling 4 | 20 |
| MM 409 | Mathematical Introduction to Networks 4 | 20 |
| MM 411 | Elasticity and Complex Materials 4 | 20 |
| MM 412 | Optimization: Theory and Practice 4 | 20 |
| MM 413 | Statistical Mechanics 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology 4 | 20 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **List C** |  | | |
| MS 415 | Business Process Integration with ERP | 4 | 20 |
| MS 416 | Business Analytics Using Data Mining | 4 | 20 |
| MS 420 | Management Science 4 | 4 | 20 |
| MS 422 | Risk analysis and management | 4 | 20 |
| MS 426 | Contemporary Business Technology | 4 | 20 |

### Progress

**12305.UG.296** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 101 Introduction to Calculus, MM 102 Applications of Calculus* and *MS 112 Business Analysis* and Technology.

**12305.UG.297** In order to progress to the second year of the Bachelors in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a pass in the following class: *MS 112 Business Analysis* and Technology.

**12305.UG.298** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 201 Linear Algebra and Differential Equations, MM 204 Probability and Statistical Inference* and MS 211 *Managing Business Processes and Information Systems.*

**12305.UG.299** In order to progress to the third year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain a pass in the following classes: *MS 211 Managing Business Processes and Information Systems and MS210 Analysing and Improving Operations.*

**12305.UG.300** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 120 credits at level 3 including a pass in the following classes: *MS361 Understanding and Optimizing Business Systems and MS311 Knowledge and Innovation Management.*

### Final Assessment and Classification

**12305.UG.301** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 481 Mathematics and Business Analysis.*

**12305.UG.302** The final classification for the degree of BSc with Honours in Mathematics, Statistics and Business Analysis will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.303 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Business Analysis Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.304 BSc:** In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Business Analysis Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply and must include *MS 112 Business Analysis and Technology, MS 211 Managing Business Processes and Information Systems, MS210 Analysing and Improving Operations, MS361 Understanding and Optimizing Business Systems and MS311 Knowledge and Innovation Management.*

**12305.UG.305 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.306 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS, STATISTICS AND ECONOMICS

**BSc with Honours in Mathematics, Statistics and Economics BSc in Mathematics, Statistics and Economics**

**Diploma of Higher Education in Mathematical Studies Certificate of Higher Education in Mathematical Studies**

**Course Regulations**

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

### Curriculum (Full-time study)

**12305.UG.196 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| EC 111 | Introduction to Economics | 1 | 20 |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 103 | Geometry and Algebra with Applications | 1 | 20 |
| MM 104 | Statistics and Data Presentation | 1 | 20 |

|  |  |  |
| --- | --- | --- |
|  | Elective Class(es) | 20 |
| **12305.UG.197** | **Second Year**  All full-time students shall undertake classes amounting to credits as follows | 120 |
|  | Compulsory Classes |  |
|  | EC 215 Intermediate Microeconomics 2  EC 216 Intermediate Macroeconomics  and Data Analysis 2 | 20  20 |
|  | MM 201 Linear Algebra and Differential  Equations 2 | 20 |
|  | MM 202 Advanced Calculus 2 | 20 |
|  | MM 204 Probability and Statistical Inference 2 | 20 |
|  | MM 206 Mathematical and Statistical Computing 2 | 20 |

### 12305.UG.198 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

EC 315 Topics in Mircoeconomics with

Cross Section Econometrics

3 20

EC 316 Topics in Macroeconomics

with Time Series Econometrics

3 20

MM 302 Differential Equations 3 20

MM 304 Inference and Regression Modelling 3 20

Optional Classes

40 credits chosen by Honours students from Lists A and B or another class approved by the Course Director; and by other students from Lists A and B

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  | | |
| MM 300 | Complex Variables and Integral Transforms |  | 3 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis 3 | 3 | 20 |
| MM 307 | Stochastics and Financial Econometrics | 3 | 20 |
| **List B** |  |  |  |

Classes in Regulations, 12305.UG.196 and 12305.UG.197 not previously taken or further Elective Classes.

### 12305.UG.199 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows:

Compulsory Class

MM 460 Mathematics and Economics 4

120

#### MM 460 Mathematics and Economics comprises

MM 401 Communicating Mathematics and Statistics 4 20

or

EC 419 Project BSc (Economics) 4 20

and Optional Classes amounting to 100 credits chosen so that the curriculum contains no fewer than 20 from List A, 20 credits from List B and 40 credits from List C.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A**  MM 402 | Modelling and Simulation with |  | |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| MM 415 | Medical Statistics | 4 | 20 |
| **List B** |  |  |  |
| MM 402 | Modelling and Simulation with Applications to Financial Derivatives 4 | | 20 |
| MM 403 | Applicable Analysis 3 4 | | 20 |
| MM 405  MM 406  MM 408 | Fluids and Waves 4  Finite Element Methods for Boundary Value Problems and Approximation 4  Mathematical Biology and Marine Population Modelling 4 | | 20  20  20 |
| MM 409 | Mathematical Introduction to Networks 4 | | 20 |
| MM 411 | Elasticity and Complex Materials 4 | | 20 |
| MM 412 | Optimization: Theory and Practice 4 | | 20 |
| MM 413 | Statistical Mechanics 4 | | 20 |
| MM 414 | Dynamical Models in Epidemiology 4 | | 20 |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **List C**  EC 412 | Industrial Economics | 4 | 20 |
| EC 413 | Applied Economics | 4 | 20 |
| EC 415  EC 416 | Behavioural Economics  Natural Resource and Environmental and Energy Economics | 4  4 | 20  20 |
| EC 420 | Labour Economics | 4 | 20 |
| EC 421 | Advanced Microeconomics | 4 | 20 |
| EC 422 | Advanced Macroeconmics | 4 | 20 |

### 12305.UG.200 Curriculum (Part-time study)

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

### Progress

**12305.UG.201** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation

00001.UG.1.43 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 101 Introduction to Calculus, MM 102 Applications of Calculus* and *EC 111 Introduction to Economics*.

**12305.UG.202** In order to progress to the second year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a pass in the following class: *EC 111 Introduction to Economics.*

**12305.UG.203** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM201 Linear Algebra and Differential Equations, MM 204 Probability and Statistical Inference EC215 Intermediate Microeconomics and EC216 Intermediate Macroeconomics and Data Analysis.*

**12305.UG.204** In order to progress to the third year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain a pass in the following classes: *EC215 Intermediate Mircoeconomics and EC216 Intermediate Macroeconomics and Data Analysis.*

**12305.UG.205** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 120 credits at level 3 including a pass in the following classes: *EC315 Topics in Microeconomics with Cross Section Econometrics and EC316 Topics in Macroeconomics with Time Series Econometrics.*

### Progress (Part-time study)

**12305.UG.206** Regulations 00001.UG.1.49 and 00001.UG.1.50 of the General Undergraduate Regulations shall apply.

### Final Assessment and Classification

**12305.UG.207** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code MM 460 Mathematics and Economics.

**12305.UG.208** The final classification for the degree of BSc with Honours in Mathematics, Statistics and Economics will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.209 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Economics Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.210 BSc:** In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Economics Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply and must include *EC 111 Introduction to Economics, EC215 Intermediate Microeconomics, EC216 Intermediate*

*Macroeconomics and Data Analysis; EC315 Topics in Microeconomics with Cross Section Econometrics and EC316 Topics in Macroeconomics with Time Series Econometrics.*

**12305.UG.211 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.212 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## MATHEMATICS, STATISTICS AND FINANCE

**BSc with Honours in Mathematics, Statistics and Finance BSc in Mathematics, Statistics and Finance**

**Diploma of Higher Education in Mathematical Studies Certificate of Higher Education in Mathematical Studies**

**Course Regulations**

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

### 12305.UG.244 Mode of Study

The courses are available by full-time study only.

### Curriculum 12305.UG.245 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits AG 151 Introduction to Finance and Accounting 1 20

|  |  |  |  |
| --- | --- | --- | --- |
| MM 101 | Introduction to Calculus | 1 | 20 |
| MM 102 | Applications of Calculus | 1 | 20 |
| MM 103 | Geometry and Algebra with Applications | 1 | 20 |
| MM 104 | Statistics and Data Presentation | 1 | 20 |

Elective Class(es) 20

### 12305.UG.246 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AG 215 | Business Finance | 2 | 20 |
| AG 217 | Portfolio Management and Security |  |  |
|  | Analysis | 2 | 20 |
| MM 201 | Linear Algebra and Differential |  |  |
|  | Equations | 2 | 20 |
| MM 202 | Advanced Calculus | 2 | 20 |
| MM 204 | Probability and Statistical Inference | 2 | 20 |
| MM 206 | Mathematical and Statistical Computing | 2 | 20 |

### 12305.UG.247 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| AG312 | Advanced Corporate Finance and Financial Markets | 3 | 20 |
| AG313 | Treasury Management and Derivatives | 3 | 20 |
| MM 302 | Differential Equations | 3 | 20 |
| MM 304 | Inference and Regression Modelling | 3 | 20 |

Optional Classes

40 credits chosen by Honours students from List A or another class approved by the Course Director; and by other students from Lists A and B.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A** |  |  | |
| MM 300 | Complex Variables and Integral |
|  | Transforms | 3 | 20 |
| MM 301 | Linear Algebra | 3 | 20 |
| MM 306 | Numerical Analysis | 3 | 20 |
| MM 307 | Stochastics and Financial |  |  |
|  | Econometrics | 3 | 20 |

### List B

Classes in Regulations 12305.UG.245 and 12305.UG.246 not previously taken or further Elective Classes.

### 12305.UG.248 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

MM 470 Mathematics and Finance 4 120

#### MM 470 Mathematics and Finance comprises

|  |  |  |  |
| --- | --- | --- | --- |
| MM 401 | Communicating Mathematics and |  | |
|  | Statistics | 4 | 20 |
| or  40 490 | Project (BSc Finance) | 4 | 20 |
| or |  |  |  |

AG 436 Finance Dissertation 4 40

and Optional Classes chosen so that the curriculum comprises 120 credits with no fewer than 20 credits from List A, 20 credits from List B and 40 credits from List C.

|  |  |  |  |
| --- | --- | --- | --- |
| **List A**  MM 402 | Modelling and Simulation with |  | |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| MM 415 | Medical Statistics | 4 | 20 |
| **List B**  MM 402 | Modelling and Simulation with |  |  |
|  | Applications to Financial Derivatives | 4 | 20 |
| MM 403 | Applicable Analysis 3 | 4 | 20 |
| MM 405  MM 406 | Fluids and Waves  Finite Element Methods for Boundary Value Problems and Approximation | 4  4 | 20  20 |
| MM 408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM 409 | Mathematical Introduction to Networks | 4 | 20 |
| MM 411 | Elasticity and Complex Materials | 4 | 20 |
| MM 412 | Optimization: Theory and Practice | 4 | 20 |
| MM 413 | Statistical Mechanics | 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology | 4 | 20 |
| **List C**  AG 428 | Asset Pricing | 4 | 20 |
| AG 430 | Corporate Financing | 4 | 20 |
| AG 431 | Corporate Investment | 4 | 20 |
| AG 432 | Financial Quantitative Methods | 4 | 20 |
| AG 429 | Behavioural Finance | 4 | 20 |
| AG 434 | International Financial Management | 4 | 20 |

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

### Progress

**12305.UG.249** In order to progress to the second year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.43 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 101 Introduction to Calculus*, *MM 102 Applications of Calculus and AG 151 Introduction to Finance and Accounting.*

**12305.UG.250** In order to progress to the second year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain a pass in the following class: *AG 151 Introduction to Finance and Accounting.*

**12305.UG.251** In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 of the General Undergraduate Regulations a student must also gain a pass in the following classes: *MM 201 Linear Algebra and Differential Equations*, *MM 204 Probability and Statistical Inference*, *AG 215 Business Finance* and *AG 217 Portfolio Management and Security Analysis.*

**12305.UG.252** In order to progress to the third year of the Bachelors course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain a pass in the following classes: *AG 215 Business Finance* and *AG 217 Portfolio Management and Security Analysis*.

**12305.UG.253** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply with at least 120 credits at level 3 including a pass in the following classes: *AG312 Advanced Corporate Finance and Financial Markets and AG313 Treasury Management and Derivatives.*

### Final Assessment and Classification

**12305.UG.254** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 470.*

**12305.UG.255** The final classification for the degree of BSc with Honours in Mathematics, Statistics and Finance will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4 taken in the third and fourth years.

### Award

**12305.UG.256 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Finance Regulation 00001.UG.1.75 of the General Undergraduate Regulations shall apply.

**12305.UG.257 BSc:** In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Finance, Regulation 00001.UG.1.76 of the General Undergraduate Regulations shall apply and must include *AG 151 Introduction to Finance and Accounting, AG 215 Business Finance, AG 217 Portfolio Management and Security Analysis, AG312 Advanced Corporate Finance and Financial Markets and AG313 Treasury Management and Derivatives.*

**12305.UG.258 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies Regulation 00001.UG.1.77 of the General Undergraduate Regulations shall apply.

**12305.UG.259 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies Regulation 00001.UG.1.78 of the General Undergraduate Regulations shall apply.

## DEPARTMENT OF MATHEMATICS

**Graduate Diploma in Mathematics**

**Graduate Diploma in Mathematics and Statistics**

**Course Regulations**

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

### Duration of Study

**12305.GD.1** Regulations 00001. GD.5 and 00001. GD.6 of the General Undergraduate Regulations shall apply.

### Mode of Study

**12305.GD.2** The courses are available by full-time and part-time study.

### Curriculum

**12305.GD.3** All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class Level Credits

#### Mathematics

MM 482 Mathematics\* 4 120

\*\* MM 482 Mathematics comprises classes amounting to 120 credits chosen from lists A and B below

#### Mathematics and Statistics

|  |  |  |  |
| --- | --- | --- | --- |
| MM 483 | Mathematics and Statistics\*\* | 4 | 120 |
| \*\* MM 483 | Mathematics and Statistics comprises |  |  |
| MM 402 | Modelling and Simulation with Applications to Financial Derivatives 4 | | 20 |
| MM 404 | Statistical Modelling and Analysis 4 | | 20 |
| MM 407 | Applied Statistics in Society 4 | | 20 |
| MM415 | Medical Statistics 4 | | 20 |

and classes amounting to 60 credits chosen from List B below or another class approved by the Course Director

### Optional Classes List A

MM 402 Modelling and Simulation with Applications to

|  |  |  |  |
| --- | --- | --- | --- |
|  | Financial Derivatives | 4 | 20 |
| MM 404 | Statistical Modelling and Analysis | 4 | 20 |
| MM 407 | Applied Statistics in Society | 4 | 20 |
| **List B\*\*\***  MM 403 | Applicable Analysis 3 | 4 | 20 |
| MM 405  MM 406 | Fluids and Waves  Finite Element Methods for Boundary Value Problems and Approximation | 4  4 | 20  20 |
| MM 408 | Mathematical Biology and Marine Population Modelling | 4 | 20 |
| MM 409 | Mathematical Introduction to Networks | 4 | 20 |
| MM 411 | Elasticity and Complex Materials | 4 | 20 |
| MM 412 | Optimization: Theory and Practice | 4 | 20 |
| MM 413 | Statistical Mechanics | 4 | 20 |
| MM 414 | Dynamical Models in Epidemiology | 4 | 20 |

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

### Examination, Progress and Final Assessment

**12305.GD.4** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

### Award

**12305.GD.5** Graduate Diploma: In order to qualify for the award of Graduate Diploma in in the chosen course, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits.

# DEPARTMENT OF PHYSICS

## PHYSICS

**MPhys in Physics**

**MPhys in Physics with Industrial Placement MPhys in Physics with International Placement MPhys in Physics with Specialisation in … BSc with Honours in Physics**

**BSc with Honours in Physics with Teaching**

**BSc with Honours in Physics with Teaching (International) BSc with Honours in Physics with Industrial Placement BSc with Honours in Physics with International Placement BSc in Physics**

**Diploma of Higher Education in Physics Certificate of Higher Education in Physics**

**Course Regulations**

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

**12424.UG.1 Credit Transfer and Recognition of Prior Learning** Regulations 00001.UG.1.1 and 00001.UG.1.2 shall apply (see General Undergraduate Regulations).

In addition, direct entry to year 4 of the course may be granted to applicants who possess

1. a first cycle Bologna degree in Physics meeting an approved standard of performance with regard to level of study and academic attainment; or
2. a qualification deemed by the Head of Department (or nominee) to be equivalent to (i) above; and
3. an approved standard of performance in a recognised test in English as a foreign language.

Such applicants will be deemed to possess 360 credits.

### 12424.UG.2 Place of Study

The Industrial Placement or International Placement will normally be expected to be completed off campus.

### Curriculum (Full-time study)

**12424.UG.3 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| PH 180 | Experimental Physics | 1 | 20 |
| PH 181 | Mathematics for Physics 1A | 1 | 20 |
| PH 182 | Mathematics for Physics 1B | 1 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| PH 183 | Mechanics and Waves | 1 | 20 |
| PH 184 | Quantum Physics and Electromagnetism1 | | 20 |
| PH 185 | Computational and Physics Skills 1 | | 20 |

### 12424.UG.4 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| PH 280 | Experimental Physics | 2 | 20 |
| PH 281 | Mathematics for Physics 2A | 2 | 20 |
| PH 282 | Mathematics for Physics 2B | 2 | 20 |
| PH 283 | Mechanics and Waves | 2 | 20 |
| PH 284 | Quantum Physics and Electromagnetism2 | | 20 |
| PH 285 | Computational and Physics Skills 2 | | 20 |

### 12424.UG.5 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

### For intending Integrated Masters, Honours and Bachelors students

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| PH 384 | Quantum Physics and |  | |
|  | Electromagnetism | 3 | 20 |
| PH 386 | Condensed Matter Physics | 3 | 20 |
| PH 387 | Gases, Liquids and Thermodynamics | 3 | 20 |
| Either |  |  |  |
| PH 380 | Experimental Physics I | 3 | 40 |
| Or |  |  |  |
| PH 390 | Experimental Physics II | 3 | 20 |

Optional classes

A student must select credits from the list below to bring the credit total to at least 120

|  |  |  |  |
| --- | --- | --- | --- |
| PH 385 | Communicating Physics | 3 | 20 |
| PH 388 | Computational Physics | 3 | 20 |
| PH 389 | Mathematical Physics | 3 | 20 |
| Electives |  |  | 20 |

A student with a pass in a class may substitute another class with the approval of the Adviser of Study.

**12424.UG.6** Students may, with the approval of the Adviser of Study, also undertake a project during the summer vacation following Third Year as follows

Optional Class

PH 465 Industrial Project 4 20

### 12424.UG.7 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

### MPhys, MPhys with Specialisation and BSc (Hons) Physics

Compulsory Classes Level Credits PH 499 Physics 4 120

#### PH 499 Physics comprises

PH 450 Project 4 40

and if not already taken

PH 384 Quantum Physics and

Electromagnetism 3 20

together with no fewer than 60 credits at Level 4 chosen 12424.UG.10 or other such classes as approved by the Adviser of Study.

### MPhys and BSc (Hons) Physics with Industrial Placement

Compulsory Classes

PH 496 Industrial Placement 4 120

#### PH 496 Industrial Placement comprises

|  |  |  |  |
| --- | --- | --- | --- |
| Either |  | | |
| PH 491 | External Placement Project | 4 | 120 |
| Or |  |  |  |
| PH 492 | External Placement Project | 4 | 60 |

And 60 credits at Level 4 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Study to bring the total studied at Level 4 to at least 100 credits.

### MPhys and BSc (Hons) Physics with International Placement

Compulsory class

PH 497 International Placement 4 120

#### PH 497 International Placement comprises

|  |  |  |  |
| --- | --- | --- | --- |
| either |  |  |  |
| PH 491 | External Placement Project | 4 | 120 |
| Or |  |  |  |
| EX 409 | External Study | 4 | 60 |
| EX 410 | External Study | 4 | 60 |
| Or |  |  |  |
| PH 492 | External Placement Project | 4 | 60 |

And 60 credits at Level 4 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Study to bring the total studied at Level 4 to at least 100 credits.

### BSc (Hons) Physics with Teaching

All full-time students shall undertake classes amounting to 120 credits as follow

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X7457 | Educational Studies: Professional Values 1 | 4 | 20 |
| X7459 | Professional Learning Through Enquiry 1 | 4 | 20 |
| X7460 | Professional Skills – Professional |  |  |
|  | Practice 1 | 4 | 40 |
| X7487 | Professional Skills: Curriculum |  |  |
|  | and Pedagogy Physics 1 | 4 | 40 |

### BSc (Hons) Physics with Teaching (International)

All full-time students shall undertake classes amounting to 120 credits as follow

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| X7457 | Educational Studies: Professional Values 1 | 4 | 20 |
| X7459 | Professional Learning Through Enquiry 1 | 4 | 20 |
| X7487 | Professional Skills: Curriculum |  |  |
|  | and Pedagogy Physics 1 | 4 | 40 |
| X7496 | Placement Learning: Community | 4 | 20 |
| X7497 | Learning on Placement | 4 | 20 |

**12424.UG.8** If not already taken, students on the MPhys degree may, with the approval of the Adviser of Study, also undertake a project during the summer vacation following Fourth Year as follows:

Optional Class

PH 465 Industrial Project 4 20

### 12424.UG.9 Fifth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

PH 599 Physics 5 120

#### PH 599 Physics comprises

|  |  |  |  |
| --- | --- | --- | --- |
| PH 550 | Project | 5 | 40 |
| PH 551 | Research Skills | 5 | 20 |

together with 60 credits chosen at Level 5 classes from 12424.UG.8 as may be approved by the Adviser of Study

### MPhys with Industrial Placement

Compulsory Classes

PH 596 Industrial Placement 5 120

#### PH 596 Industrial Placement comprises

|  |  |  |  |
| --- | --- | --- | --- |
| either |  | | |
| PH 591 | External Placement Project | 5 | 120 |
| or  PH 592 | External Placement Project | 5 | 60 |

And 60 credits at Level 4 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Study to bring the total studied at Level 5 to at least 120 credits.

### MPhys with International Placement

Compulsory Classes

PH 597 International Placement 5 120

#### PH 597 International Placement comprises

|  |  |  |  |
| --- | --- | --- | --- |
| Either |  | | |
| PH 591 | External Placement Project | 5 | 120 |
| or  PH 592 | External Placement Project | 5 | 60 |

And 60 credits at Level 5 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Study to bring the total studied at Level 5 to at least 120 credits.

|  |  |  |  |
| --- | --- | --- | --- |
| Or |  | | |
| EX 506 | External Study | 5 | 60 |
| EX 516 | External Study | 5 | 60 |

**12424.UG.10** Optional Classes

|  |  |  |  |
| --- | --- | --- | --- |
| PH 160 | Introductory Astronomy | 1 | 10 |
| PH 161 | Universe and Everything | 1 | 10 |
| PH 162 | How Things Work | 1 | 10 |
| PH 166 | Foundation Physics | 1 | 20 |
| PH 167 | Physical Electronics | 1 | 10 |
| PH 380 | Experimental Physics I | 3 | 40 |
| PH 385 | Communicating Physics | 3 | 20 |
| PH 388 | Computational Physics | 3 | 20 |
| PH 389 | Mathematical Physics | 3 | 20 |
| PH 390 | Experimental Physics II | 3 | 20 |
| PH 452 | Topics in Physics | 4 | 20 |
| PH 453 | Topics in Solid State Physics | 4 | 20 |
| PH 454 | Topics in Nanoscience | 4 | 20 |
| PH 455 | Topics in Photonics | 4 | 20 |
| PH 456 | Topics in Computational and Complex |  |  |
|  | Systems in Physics | 4 | 20 |
| PH 457 | Topics in Theoretical Physics | 4 | 20 |
| PH 459 | Topics in Atomic, Molecular and |  |  |
|  | Nuclear Physics | 4 | 20 |
| PH 462 | Topics in Quantum Optics | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| PH 551 | Research Skills | 5 | 20 |
| PH 552 | Advanced Topics in Physics | 5 | 20 |
| PH 553 | Advanced Topics in Solid State Physics | 5 | 20 |
| PH 554 | Advanced Topics in Nanoscience | 5 | 20 |
| PH 556 | Advanced Topics in Complex Systems | 5 | 20 |
| PH 557 | Advanced Topics in Theoretical Physics | 5 | 20 |
| PH 558 | Advanced Topics in Quantum Physics | 5 | 20 |
| PH 559 | Advanced Topics in Nuclear Physics | 5 | 20 |
| PH 560 | Advanced Topics in Electromagnetism |  |  |
|  | and Plasma Physics | 5 | 20 |
| PH 562 | Advanced Topics in Quantum |  |  |
|  | Optics | 5 | 20 |

### 12424.UG.11 Curriculum (Part-time study)

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

### Progress

**12424.UG.12** To progress to the second year of the course Regulation 00001.UG.1.43 shall apply (see General Undergraduate Regulations).

**12424.UG.13** To progress to the third year of the course Regulation 00001.UG.1.44 shall apply (see General Undergraduate Regulations).

**12424.UG.14** To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply (see General Undergraduate Regulations). In addition, students on the BSc Physics with Teaching Degree must meet the requirements for entering Initial Teacher Education.

**12424.UG.15** To progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

### Progress (Part-time study)

**12424.UG.16** Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply (see General Undergraduate Regulations).

### Final Assessment and Classification

**12424.UG.17** The final classification for the degree of MPhys will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 4 and 5.

**12424.UG.18** Notwithstanding Regulation 0001.UG.1.53 (see General Undergraduate Regulations), the degree in MPhys will be classified in accordance with Regulation 0001.UG.1.55.

**12424.UG.19** The final classification for the degree of BSc (Hons) will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 3 and 4.

### Award

**12424.UG.20 MPhys**: In addition to the requirements of Regulation 00001.UG.1.74 (see General Undergraduate Regulations) a student must also pass the class PH 550 Project.

**12424.UG.21 MPhys with Specialisation in …:.** In addition to the requirements of Regulation 00001.UG.1.74 (see General Undergraduate Regulations), in order to qualify for the award of the degree of MPhys in Physics with Specialisation in a given topic a candidate must have undertaken must have undertaken 40 credits at Level 4 and 40 credits at Level 5 in subjects related to the specialisation together with *PH 450 Project* and *PH 550 Project* in an area related to the specialisation. A student must also pass PH 550.

**12424.UG.22 MPhys with Industrial Placement:** In order to qualify for the award of the degree of MPhys in Physics with Industrial Placement Regulation 00001.UG.1.74 (see General Undergraduate Regulations) shall apply and must include either PH 497 or PH 598 and a student must also pass either PH 591 External Placement Project or PH 592 External Placement Project.

**12424.UG.23 MPhys with International Placement:** In order to qualify for the award of the degree of MPhys in Physics with International Placement Regulation 00001.UG.1.74 (see General Undergraduate Regulations) shall apply and must include either *PH 497 International Placement or PH 597 International Placement* and a student must also pass either PH 591 External Placement Project or PH 592 External Placement Project.

**12424.UG.24 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Physics Regulation 00001.UG.1.75 shall apply. (see General Undergraduate Regulations).

**12424.UG.25 BSc with Honours in Physics with Industrial Placement:** In order to qualify for the award of the degree of BSc with Honours in Physics with Industrial Placement Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include *PH 496 Industrial Placement*.

**12424.UG.26 BSc with Honours in Physics with International Placement:** In order to qualify for the award of the degree of BSc with Honours in Physics with Industrial Placement Regulation 00001.UG.1.75 shall apply (see General Undergraduate Regulations) and must include PH 498.

**12424.UG.27 BSc with Honours Physics with Teaching**: In order to qualify for the award of the degree of BSc with Honours in Physics with Teaching a candidate must have accumulated no fewer than 480 credits from the course curriculum. Notwithstanding Regulation 00001.UG.1.75 (see General Undergraduate Regulations), these must include

the credits for all the compulsory Level 4 Education classes taken individually.

**12424.UG.28 BSc in Physics:** In order to qualify for the award of the degree of BSc in Physics Regulation 00001.UG.1.76 shall apply (see General Undergraduate Regulations).

**12424.UG.29 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Physics Regulation 00001.UG.1.77 shall apply (see General Undergraduate Regulations).

**12424.UG.30 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Physics Regulation 00001.UG.1.78 shall apply (see General Undergraduate Regulations).

### Transfer

**12424.UG.31** Regulation 00001.UG.1.46 shall apply (see General Undergraduate Regulations).

**12424.UG.32 to**

**12424.UG.63 (numbers not used)**

## DEPARTMENT OF PHYSICS

### Graduate Diploma in Physics Course Regulations

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

### Admission

**12424.GD.1** Regulation 00001. GD.1 shall apply (see General Undergraduate Regulations).

### Duration of Study

**12424.GD.2** Regulations 00001. GD.5 and 00001. GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**12424.GD.3** The courses are available by full-time and part-time study

### Curriculum

**12424.GD.4** All students shall undertake an approved curriculum of no fewer than 120 credits as follows

Compulsory Classes Level Credits

PH 499 Physics\* 4 120

#### \*PH 499 Physics comprises

PH 450 Project 4 40

PH 451 Physics Skills 4 20

together with no fewer than 40 credits chosen from the following

|  |  |  |  |
| --- | --- | --- | --- |
| PH 452 | Topics in Physics | 4 | 20 |
| PH 453 | Topics in Solid State Physics | 4 | 20 |
| PH 454 | Topics in Nanoscience | 4 | 20 |
| PH 455 | Topics in Photonics | 4 | 20 |
| PH 456 | Topics in Computational and |  |  |
|  | Complex Systems in Physics | 4 | 20 |
| PH 457 | Topics in Theoretical Physics | 4 | 20 |
| PH 459 | Topics in Atomic, Molecular |  |  |
|  | and Nuclear Physics | 4 | 20 |
| PH 462 | Topics in Quantum Optics | 4 | 20 |

Or other such classes as approved by the Adviser of Study to bring the total studied at Level 4 to at least 100 credits.

### Examination, Progress and Final Assessment

**12424.GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

### Award

**12424.GD.6 Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Physics, 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 PH 450 Project.

**12424.GD.7**

**to 12424. GD.37 (Numbers not used)**

**Graduate Diploma in Physics (Conversion Course)**

**Course Regulations**

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

### Admission

**12424.GD.38** Students will be admitted with a qualification deemed appropriate by the Head of Department or nominee.

### Duration of Study

**12424.GD.39** Regulations 00001. GD.5 and 00001. GD.6 shall apply (see General Undergraduate Regulations).

### Mode of Study

**12424.GD.40** The courses are available by full-time only

### Curriculum

**12424.GD.41** All students shall undertake an approved curriculum of no fewer than 120 credits from regulations 12424.UG.5 and 12424.UG.6 or such other classes as approved by the Course Director.

### Examination, Progress and Final Assessment

**12424.GD.42** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

**12424.GD.43** 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

**12424.GD.44** Graduate Diploma: In order to qualify for the award of Graduate Diploma in Physics (Conversion Course), a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits at Level 3 or above.

# DEPARTMENT OF PHYSICS

## PHYSICS WITH ADVANCED RESEARCH

### MPhys in Physics with Advanced Research Course Regulations

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

Undergraduate Regulations]

**12424.UG.64 Credit Transfer and Recognition of Prior Learning** Regulations 00001.UG.1.1 and 00001.UG.1.2 of the General Undergraduate Regulations shall apply

In addition, direct entry to year 4 of the course may be granted to applicants who possess

1. a first cycle Bologna degree in Physics meeting an approved standard of performance with regard to level of study and academic attainment; or
2. a qualification deemed by the Head of Department (or nominee) to be equivalent to (i) above; and
3. an approved standard of performance in a recognised test in English as a foreign language.

Such applicants will be deemed to possess 360 credits.

### 12424.UG.65 Place of Study

The optional Industrial Placement, normally taken during the summer vacation following third year, is expected to be completed off campus.

### Curriculum (Full-time study)

**12424.UG.66 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| PH 180 | Experimental Physics | 1 | 20 |
| PH 181 | Mathematics for Physics 1A | 1 | 20 |
| PH 182 | Mathematics for Physics 1B | 1 | 20 |
| PH 183 | Mechanics and Waves | 1 | 20 |
| PH 184 | Quantum Physics and |  |  |
|  | Electromagnetism | 1 | 20 |
| PH 185 | Computational and Physics Skills | 1 | 20 |

### 12424.UG.67 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PH 280 | | Experimental Physics | 2 | 20 |
| PH 281 | | Mathematics for Physics 2A | 2 | 20 |
| PH 282 | | Mathematics for Physics 2B | 2 | 20 |
| PH 283 | | Mechanics and Waves | 2 | 20 |
| PH 284 | | Quantum Physics and Electromagnetism2 | | 20 |
| PH 285 | | Computational and Physics Skills 2 | | 20 |
| **12424.UG.68** | **Third Year**  All full-time students shall undertake classes amounting to credits as follows | | | 120 |
|  | Compulsory Classes | | |  |
|  | PH 380 Experimental Physics I 3  PH 384 Quantum Physics and  Electromagnetism 3 | | | 20  20 |
|  | PH 386 Condensed Matter Physics 3 | | | 20 |
|  | PH 387 Gasses, Liquids and Thermodynamics 3 | | | 20 |
|  | PH 389 Mathematical Physics 3 | | | 20 |
|  | Electives 20 | | |  |

**12424.UG.69** Students may, with the approval of the Adviser of Study, also undertake a project during the summer vacation following Third Year as follows

Optional Class

PH 465 Industrial Project 4 20

### 12424.UG.70 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

PH 498 Physics with research specialisation 4 120

#### PH 498 Physics with research specialisation comprises

|  |  |  |  |
| --- | --- | --- | --- |
| PH 450 | Project | 4 | 40 |
| PH 551 | Physics Skills | 5 | 20 |

60 credits at Level 4 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Study to bring the total studied at Level 4 to at least 100 credits.

**12424.UG.71** If not already taken, students may, with the approval of the Adviser of Study, also undertake a project during the summer vacation following Fourth Year as follows:

Optional Class

PH 465 Industrial Project 4 20

### 12424.UG.72 Fifth Year

All full-time students shall undertake classes amounting to 160 credits as follows

Compulsory Classes

PH 598 Physics 5 160

#### PH 598 Physics comprises

PH 570 Project 5 100

together with 60 credits at Level 5 chosen from 12424.UG.10 or other such classes as approved by the Adviser of Studies

### 12424.UG.73 Curriculum (Part-time study)

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

### Progress

**12424.UG.74** To progress to the second year of the course Regulation 00001.UG.1.43 of the General Undergraduate Regulations shall apply.

**12424.UG.75** To progress to the third year of the course Regulation 00001.UG.1.44 of the General Undergraduate Regulations shall apply.

**12424.UG.76** To progress to the fourth year of the course Regulation 00001.UG.1.45 of the General Undergraduate Regulations shall apply.

**12424.UG.77** To progress to the fifth year of the course Regulation 00001.UG.1.46 of the General Undergraduate Regulations shall apply.

### Progress (Part-time study)

**12424.UG.78** Regulations 00001.UG.1.49 and 00001.UG.1.50 of the General Undergraduate Regulations shall apply.

### Final Assessment and Classification

**12424.UG.79** The final classification for the degree of MPhys in Physics with Advanced Research will normally be based on the first assessed attempt at compulsory and specified optional classes at Levels 4 and 5.

**12424.UG.80** Notwithstanding Regulation 0001.UG.1.53 of the the degree in MPhys in Physics with Advanced Research will be classified in accordance with Regulation 0001.UG.1.55 of the General Undergraduate Regulations.

### Award

**12424.UG.81 MPhys in Physics with Advanced Research**: Notwithstanding Regulation 00001.UG.1.76 of the General Undergraduate Regulations in order to qualify for the award of the degree of MPhys in Physics with Advanced Research, a candidate must have accumulated no fewer than 640 credits from the course curriculum together with a pass in PH 570 Project.

### Transfer

**12424.UG.82** Regulation 00001.UG.1.46 of the General Undergraduate Regulations shall apply.

## FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY  
APPLIED CHEMISTRY AND CHEMICAL ENGINEERING**

**MSci in Applied Chemistry and Chemical Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with [General](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf) [Undergraduate Regulations]](https://www.strath.ac.uk/media/1newwebsite/documents/academicregulations/General_Regulations_for_Undergraduate_and_Integrated_Masters_Awards_and_Degrees.pdf).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **11012.UG.135** | **Status of the Course** | | | |
|  | The course is at Integrated Masters level. Transfer to the BSc with Honours in Applied Chemistry or the BSc in Chemistry is possible at any time subject to satisfying the appropriate course regulations.  **Curriculum** | | | |
| **11012.UG.136** | **First Year** | | | |
|  | All students shall undertake classes amounting to 130 credits as follows | | | |
|  | Compulsory Classes | | Level | |
|  |  |  | Credits | |
| CH 106 | Chemistry: Principles and Practice 1 | 1 20 | |
| CH 107 | Chemistry: Principles and Practice 2 | 1 20 | |
|  | CP 101 | Basic Principles in Chemical |  |  |
|  | Engineering | 1 | 20 |
| CP 102 | Chemical Engineering: Fundamentals, |  |  |
|  | Techniques and Tools MM 111 Mathematics 1B  MM 112 Mathematics 2B  Elective Class | | 1 | 20 |
| 1 | 20 |
| 1 | 20 |
|  | 10 |

|  |  |
| --- | --- |
| **11012.UG.137** | **Second Year** |

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 208 | Fundamental Organic Chemistry | 2 | 20 |
| CH 212 | Physical Chemistry I | 2 | 20 |
| CH 218 | Practical Organic, Inorganic and Physical |  |  |
|  | Chemistry and Safety | 2 | 20 |
| CP 204 | Fluid Flow and Heat Transfer | 2 | 20 |
| CP 207 | Process Analysis and Statistics | 2 | 20 |
| MM 211 | Mathematics 3B | 2 | 20 |

Elective Class 10

|  |  |  |  |
| --- | --- | --- | --- |
| **11012.UG.138** | **Third Year** | | |
|  | All students shall undertake classes amounting to 120 credits as follows | | |
|  | Compulsory Classes  CH 306 Practical Preparative and Physical Chemistry  CH 324 Inorganic Chemistry  CH 325 Intermediate Organic Chemistry and | 3  3 | 20  20 |
|  | Spectroscopy  CP 302 Mass Transfer and Separation  Processes  CP 306 Chemical Engineering Design and Advanced Information Technology  CP 316 Reactors  CP 317 Chemical Engineering Practice | 3 | 20 |
| 3 | 20 |
| 3 | 20 |
| 3 | 10 |
| 3 | 10 |
| **11012.UG.139** | **Fourth Year** | | |
|  | All students shall undertake classes amounting to 120 credits as follows | | |
|  | Compulsory Classes  CH 460 Physical Chemistry 2  CH 461 Inorganic Chemistry, Structures and | 4 | 20 |

|  |  |
| --- | --- |
|  | Spectroscopy 4 20  CP 405 Process Control and Environmental  Technology 4 20  CP 407 Chemical Engineering Design (MSci) 4 60 |
| **11012.UG.140** | **Fifth Year** |
|  | All students shall undertake classes amounting to 120 credits as follows |
|  | Compulsory Classes |

CH 587 MSci in Applied Chemistry and

Chemical Engineering 5 120

***CH 587* comprises**

CH 911 MSci Project, Dissertation and Presentation

5 60

CH 590 MSci Chemistry Topics 5 20

and 40 credits of classes chosen from

*Compulsory modules*

|  |  |  |  |
| --- | --- | --- | --- |
| CP 527 | Petrochemical Engineering | 5 | 10 |
| CP 530 | Safety Management Practices | 5 | 10 |

*Optional modules*

|  |  |
| --- | --- |
| CP 523 | Molecular Simulation in Chemical Engineering |
| CP 533 | Clean Combustion Technologies 5 10 |
| CP 535 | Molecular and Interfacial Science 5 10 |
| CP 537 | Electrochemical Energy Devices 5 10 |

such other classes as may be approved by the Course Director

|  |  |
| --- | --- |
| **11012.UG.141** | **Curriculum (Part-time study)** |
|  | Students studying on a part-time basis will normally take classes amounting to 60 credits in each year. |
|  | **Progress** |
| **11012.UG.142** | In order to progress to the second year of the course Regulation  00001.UG.1.43 shall apply. |
| **11012.UG.143** | In order to progress to the third year of the course Regulation  00001.UG.1.44 shall apply. |

|  |  |
| --- | --- |
| **11012.UG.144** | In order to progress to the fourth year of the course Regulation  00001.UG.1.45 shall apply. |
| **11012.UG.145** | In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply. |
|  | **Final Assessment and Classification** |
| **11012.UG.146** | On successful completion of the fifth year, a candidate will be  awarded 120 Level 5 credits under the class code *CH 545*. |
| **11012.UG.147** | The final classification for the degree of MSci in Applied Chemistry and Chemical Engineering will normally be based on the first assessed attempt at compulsory and specified optional classes which are taken in the third, fourth and fifth years.  **Award** |
| **11012.UG.148** | **MSci:** In order to qualify for the award of the degree of MSci in  Applied Chemistry and Chemical Engineering Regulation 00001.UG.1.74 shall apply. |
| **11012.UG.149** | **Transfer** |
|  | A candidate who fails to satisfy the progress or award requirements for the degree may be transferred to the degree of BSc with Honours  in Applied Chemistry or the BSc in Chemistry. |

# DEPARTMENT OF PURE AND APPLIED CHEMISTRY

## APPLIED CHEMISTRY

**BSc with Honours in Applied Chemistry**

**Diploma of Higher Education in Chemical Sciences Certificate of Higher Education in Chemical Sciences**

**Course Regulations**

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

### 12448.UG.104 Status of the Course

All students are normally admitted in the first instance to the degree of MSci in Applied Chemistry and Chemical Engineering.

### 12448.UG.105 First Year Curriculum

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CH 106 | Chemistry: Principles and Practice 1 | 1 | 20 |
| CH 107 | Chemistry: Principles and Practice 2 | 1 | 20 |
| CP 101  CP 102  MM 111 | Basic Principles in Chemical Engineering, Thermodynamics and Maths Bridging 1 Chemical Engineering: Fundamentals, Techniques and Tools 1  Mathematics 1B 1 | | 20  20 |
| MM 112 | Mathematics 2B 1 | | 20 |

Elective Class 10

### 12448.UG.106 Second Year Curriculum

All students shall undertake classes amounting to 130 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 208 | Fundamental Organic Chemistry | 2 | 20 |
| CH 212 | Physical Chemistry 1 | 2 | 20 |
| CH 218 | Practical Organic, Inorganic and |  |  |
|  | Physical Chemistry and Safety | 2 | 20 |
| CP 204 | Fluid Flow and Heat Transfer | 2 | 20 |
| CP 207 | Process Analysis and Statistics | 2 | 20 |
| MM 211 | Mathematics 3B | 2 | 20 |

Elective Class 10

### 12448.UG.107 Third Year Curriculum

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 306 | Practical Preparative and Physical |  |  |
|  | Chemistry | 3 | 20 |
| CH 324 | Inorganic Chemistry | 3 | 20 |
| CH 325 | Intermediate Organic Chemistry and |  |  |
|  | Spectroscopy | 3 | 20 |
| CP 302 | Mass Transfer and Separation |  |  |
|  | Processes | 3 | 20 |
| CP 306 | Chemical Engineering Design and |  |  |
|  | Advanced Information Technology | 3 | 20 |
| CP 316 | Reactors | 3 | 10 |
| CP 317 | Chemical Engineering Practice | 3 | 10 |

### 12448.UG.108 Fourth Year Curriculum

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CH 430 BSc with Honours in Applied Chemistry 4 120

#### CH 430 comprises

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 435 | Applied Chemistry Project | 4 | 40 |
| CH 460 | Physical Chemistry 2 | 4 | 20 |
| CH 461 | Inorganic Chemistry, Structures and |  |  |
|  | Spectroscopy | 4 | 20 |
| CP 425 | Chemical Engineering Conceptual |  |  |
|  | Design (BSc Appl Chem). | 4 | 20 |
| CP 303 | Materials Processing and Applications | 4 | 20 |

or other classes as approved by the Course Director

### Curriculum (Part-time study)

**12448.UG.109** Students studying on a part-time basis will normally take classes amounting to 60 credits in each year.

### Progress

**12448.UG.110** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12448.UG.111** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12448.UG.112** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

### Final Honours Classification

**12448.UG.113** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under class code *CH 430.*

**12448.UG.114** The final classification for the degree of BSc with Honours in Applied Chemistry will normally be based on the first assessed attempt at compulsory and specified optional classes taken in the third and fourth year.

### Award

**12448.UG.115 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Applied Chemistry Regulation 00001.UG.1.75 shall apply.

**12448.UG.116 BSc**: In order to qualify for the award of the degree of BSc in Chemistry, 00001.UG.1.76 shall apply.

**12448.UG.117 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Chemical 00001.UG.1.77 shall apply.

**12448.UG.118 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences 00001.UG.1.78 shall apply.

**12448.UG.119 to**

**12448.UG.149 (numbers not used)**

**Chemistry with Applied Chemistry**

**Graduate Diploma in Chemistry with Applied Chemistry**

**Course Regulations**

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

### Admission

**12448.GD.38** Regulation 00001. GD.1 shall apply

### Duration of Study

**12448.GD.39** Regulations 0000.1. GD.5 and 00001. GD.6 shall apply

### Mode of Study

**12448.GD.40** The courses are available by full-time and part-time study

### Curriculum

**12448.GD.41** All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CH 463 Graduate Diploma in Chemistry with

Applied Chemistry 4 120

#### CH 463 comprises

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 435 | Applied Chemistry Project | 4 | 40 |
| CP 405 | Process Control and Environmental |  |  |
|  | Technology | 4 | 20 |
| CP 408 | Chemical Engineering Design (BSc) | 4 | 40 |

### Optional Classes

20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| CH 460 | Physical Chemistry 2 | 4 | 20 |
| CH 461 | Inorganic Chemistry, Structures and |  |  |
|  | Spectroscopy | 4 | 20 |

### Examination, Progress and Final Assessment

**12448.GD.42** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

### Award

**12448.GD.43 Graduate Diploma:** In order to qualify for the award of Graduate Diploma in in the chosen course, 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 CH 435 Applied Chemistry Project.

# FACULTY OF SCIENCE

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

## CHEMISTRY

**MChem in Chemistry**

**MChem in Forensic and Analytical Chemistry**

**MChem in Chemistry with Teaching BSc with Honours in Chemistry**

**BSc with Honours in Chemistry with Teaching**

**BSc with Honours in Chemistry with Teaching (International)**

**BSc with Honours in Chemistry with Analytical Chemistry BSc with Honours in Chemistry with Forensic Chemistry BSc Hons in Forensic and Analytical Chemistry**

**BSc in Chemistry**

**Diploma of Higher Education in Chemical Sciences Certificate of Higher Education in Chemical Sciences**

**Course Regulations**

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

### 12448.UG.1 Place of Study

The MChem courses include an Industrial placement normally out with the campus. For Chemistry with Teaching students the School Experience classes will involve placements in schools. To be eligible to undertake School Experience, a student must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update by the end of the third year.

### Curriculum 12448.UG.2 First Year

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CH 106 | Chemistry: Principles and Practice 1 | 1 | 20 |
| CH 107 | Chemistry: Principles and Practice 2 | 1 | 20 |
| CH 108 | Practical and Transferable Skills | 1 | 20 |
| MM 116 | Mathematics 1C | 1 | 20 |

Optional Classes: no fewer than 20 credits chosen from

|  |  |  |  |
| --- | --- | --- | --- |
| \***CH 116** | **Foundation Science: Big Ideas for** |  |  |
|  | **Chemists** | **1** | **20** |
| or  BM 109 | Cells and Their Molecules | 1 | 20 |

\*Students without Physics at Higher grade B or above must select

### CH 116.

Elective Class(es) 20

12448.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits CH 202 Inorganic Chemistry 2 20

CH 205 Practical Physical and Applied

Chemistry 2 20

CH 208 Fundamental Organic Chemistry 2 20

CH 212 Physical Chemistry 1 2 20

CH 213 Forensic Trace Analysis and Analytical

Chemistry 2 20

CH 214 Practical Organic and Inorganic

Chemistry 2 20

**12448.UG.4 Third Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| CH 309  CH 313 | Physical Chemistry 2  Practical Physical, Applied, Forensic and Analytical Chemistry | 3  3 | 20  20 |
| CH 315 | Practical Organic and  Inorganic Chemistry | 3 | 20 |
| CH 325 | Intermediate Organic Chemistry and  Spectroscopy | 3 | 20 |
| CH 326 | Inorganic Chemistry, Structures and |  |  |
|  | Spectroscopy | 3 | 20 |

together with classes appropriate to the chosen course

#### Chemistry and Chemistry with Teaching

20 credits from

CH 316 Analytical Chemistry and Drugs of Abuse 3 20

\*CH 323 Chemical Biology\* 3 20

\*students are required to have taken BM109 in Year 1 before they can select CH323.

#### Chemistry with Analytical Chemistry/Forensic Chemistry/ Forensic and Analytical Chemistry

CH 316 Analytical Chemistry and Drugs of Abuse 3 20

### BSc Degree Course

#### Chemistry

120 credits chosen from

Level 3 classes listed above or such other classes approved by the Course Director to bring the amount studied at Level 3 to at least 60 credits.

### 12448.UG.5 Fourth Year

#### MChem

All MChem *Chemistry and Chemistry with Forensic and Analytical Chemistry*, shall undertake classes amounting to 120 credits as follows

Compulsory Class Level Credits

|  |  |  |
| --- | --- | --- |
| CH 450 | Distance Learning Assignment | 4 40 |
| and either |  |  |
| CH 451 | Industrial Placement | 4 80 |
| Or  CH 452 | Research Placement | 4 80 |
| Or  CH 462 | Knowledge Exchange Placement | 4 80 |

All MChem *Chemistry with Teaching* students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 458 | Distance Learning Assignment | 4 | 20 |
| X7457 | Educational Studies, Professional Values | 4 | 20 |
| X7459 | Professional Learning Through Enquiry | 4 | 20 |
| X7465 | Professional Skills; Curriculum and Pedagogy Chemistry 1 | 4 | 40 |
| X7460 | Professional Skills: Professional Practice1 | 4 | 40 |

All *BSc Hons Chemistry, Chemistry with Analytical Chemistry, Chemistry with Forensic Chemistry,* Forensic and Analytical students shall undertake classes amounting to 120 credits as follows

#### Chemistry

CH 470 BSc with Honours in Chemistry 4 120

#### Chemistry with Forensic Chemistry

CH 471 BSc with Honours in Chemistry with

Forensic Chemistry 4 120

#### Chemistry with Analytical Chemistry

CH 472 BSc with Honours in Chemistry with

Analytical Chemistry 4 120

#### Forensic and Analytical Chemistry

CH 478 BSc with Honours in Forensic

and Analytical Chemistry 4 120

#### Each of the above classes comprises

|  |  |  |  |
| --- | --- | --- | --- |
| CH 436 | Honours Project and Dissertation | 4 | 40 |
| CH 437 | Career Skills | 4 | 20 |

together with a class in the relevant subject area

|  |  |  |  |
| --- | --- | --- | --- |
| ***Chemistry***  CH 479 | Core Topics in Chemistry | 4 | 20 |
| CH 480 | Chemistry Specialisation Topics | 4 | 40 |
| ***Forensic and Analytical Chemistry*** | | | |
| CH 479  CH 477 | Core Topics in Chemistry Forensic and Analytical Chemistry  Specialisation Topics | 4  4 | 20  40 |
| ***Chemistry with Analytical Chemistry*** | | | |
| CH412 | Core Chemistry | 4 40 | |
| CH417 | Analyltical Chemistry Specialisation Topics | 4 20 | |

#### Chemistry with Forensic Chemistry

|  |  |  |  |
| --- | --- | --- | --- |
| CH412 | Core Chemistry | 4 | 40 |
| CH469 | Forensic Chemistry Specialisation Topics | 4 | 20 |

or other classes as approved by the Course Director

#### Chemistry with Teaching

All BSc Hons *Chemistry with Teaching* students shall normally undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |
| --- | --- |
| X7457 | Educational Studies, Professional Values 4 20 |
| X7459 | Professional Learning Through Enquiry 4 20 |
| X7465 | Professional Skills; Curriculum and |
|  | Pedagogy Chemistry 1 4 40 |
| X7460 | Professional Skills – Professional Practice 4 40 |

#### Chemistry with Teaching (International)

All BSc Hons *Chemistry with Teaching (International)* students shall normally undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |
| --- | --- | --- |
| X7457 | Educational Studies, Professional Values 4 | 20 |
| X7459 | Professional Learning Through Enquiry 4 | 20 |
| X7465 | Professional Skills; Curriculum and |  |
|  | Pedagogy Chemistry 1 4 | 40 |
| X7496 | Placement Learning: Community 4 | 20 |
| X7497 | Learning on Placement 4 | 20 |

### 12448.UG.6 Fifth Year

All *MChem* students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

#### Chemistry

CH 583 MChem in Chemistry 5 120

#### MChem in Chemistry with Teaching

CH 585 MChem in Chemistry with Teaching 5 120

#### Forensic and Analytical Chemistry

CH 584 MChem in Forensic and Analytical

Chemistry 5 120

#### Each of the above classes comprises

|  |  |  |  |
| --- | --- | --- | --- |
| CH 591 | Core Topics in Chemistry | 5 | 20 |
| CH 592 | MChem Project, Dissertation and |  |  |
|  | Presentation | 5 | 60 |

together with a class in the relevant subject area

CH 553 Chemistry Specialisation 5 40

or

CH 554 Forensic and Analytical Chemistry

Specialisation 5 40

### 12448.UG.7 Curriculum (Part-time study)

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

### Progress

**12448.UG.8** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain passes in the following classes: *CH 106 Chemistry: Principles and Practice 1, CH 107 Chemistry: Principles and Practice 2, CH 108 Practical and Transferable Skills*.

**12448.UG.9** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply, including 120 credits at Level 2 from Chemistry classes.

**12448.UG.10** In order to progress to the third year of the Chemistry with teaching course, a student must satisfy the requirements for entering Initial Teacher Education, and have accumulated at least 220 credits from the course curriculum including normally 100 at Level 2 from Chemistry classes in the second year curriculum.

**12448.UG.11** In order to progress to the fourth year of the course, Regulation 00001.UG.1.45 shall apply including at least 60 Level 3 credits from third year Chemistry classes.

**12448.UG.12** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply including 120 credits at Level 4 from the

fourth year Chemistry classes. For MChem Chemistry with Teaching Regulation 00001.UG.1.40d shall apply including 140 credits at Level 4.

### Final Honours Classification

**12448.UG.13** On successful completion of the fourth year, a BSc Hons Chemistry, *Chemistry with Forensic Chemistry or Chemistry with Analytical Chemistry* candidate will be awarded 120 Level 4 credits under the class code *CH* 470 or *CH* 472 or *CH* 472 as appropriate.

**12448.UG.14** BSc with Honours *in Chemistry with Teaching*: In order to qualify for the award of the degree, a candidate must have accumulated no

|  |  |
| --- | --- |
|  | fewer than 480 credits from the course curriculum including the  credits for all the compulsory Education classes taken individually. |
| **12448.UG.15** | On successful completion of the fifth year, a candidate will be  awarded 120 Level 5 credits under the class code *CH* 583*, CH* 585 or *CH* 584 as appropriate. |
| **12448.UG.16** | The final classification for the degree in the chosen course will be based on the first assessed attempt at compulsory and specified optional classes taken in the third, fourth and fifth years where undertaken.  **Award** |
| **12448.UG.17** | **MChem**: In order to qualify for the award of the degrees of MChem  Regulation 00001.UG.1.74 shall apply. |
| **12448.UG.18** | **BSc with Honours**: In order to qualify for the award of the degrees  of BSc with Honours in the chosen course Regulation 00001.UG.1.75 shall apply. |
| **12448.UG.19** | **BSc**: In order to qualify for the award of the degrees of BSc  Regulation 00001.UG.1.76 shall apply. |
| **12448.UG.20** | **Diploma of Higher Education**: In order to qualify for the award of a  Diploma of Higher Education in Chemical Sciences Regulation 00001.UG.1.77 shall apply. |
| **12448.UG.21** | **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences Regulation 00001.UG.1.88 shall apply. |
|  | **Transfer** |
| **12448.UG.22** | A student who fails to satisfy the progress or award requirements  for the degree of MChem may be transferred to the BSc with Honours of the aligned degree programme. |
| **12448.UG.23** | A student who at the end of fourth year fails to satisfy the progress requirements for or who does not wish to progress to fifth year may be transferred to the BSc with Honours in Chemistry (Professional  Experience). |

# DEPARTMENT OF PURE AND APPLIED CHEMISTRY

## CHEMISTRY WITH DRUG DISCOVERY

**MChem in Chemistry with Drug Discovery**

**BSc with Honours in Chemistry with Drug Discovery**

**BSc with Honours in Chemistry (Professional Experience) Diploma of Higher Education in Chemical Sciences Certificate of Higher Education in Chemical Sciences**

**Course Regulations**

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

### 12448.UG.53 Place of Study

The MChem course includes an Industrial Placement normally outwith the campus.

### Curriculum

**12448.UG.54 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| BM 109 | Cells and Their Molecules | 1 | 20 |
| CH 106 | Chemistry: Principles and Practice 1 | 1 | 20 |
| CH 107 | Chemistry: Principles and Practice 2 | 1 | 20 |
| CH 108 | Practical and Transferable | 1 | 20 |
| MM 116 | Mathematics 1C | 1 | 20 |

Elective Class(es) 20

### 12448.UG.55 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| CH 202 | Inorganic Chemistry | 2 | 20 |
| CH 205 | Practical Physical and |  |  |
|  | Applied Chemistry | 2 | 20 |
| CH 208 | Fundamental Organic Chemistry | 2 | 20 |
| CH 212 | Physical Chemistry 1 | 2 | 20 |
| CH 214 | Practical Organic and Inorganic |  |  |
|  | Chemistry | 2 | 20 |

MP 217 Pharmaceutics 2 20

### 12448.UG.56 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CH 309  CH 314 | | Physical Chemistry 2  Practical Physical, Applied and Drug Discovery Chemistry | 3  3 | 20  20 |
| CH 315 | | Practical Organic and Inorganic Chemistry | 3 | 20 |
| CH 323  CH 325 | | Chemical Biology  Intermediate Organic Chemistry and Spectroscopy | 3  3 | 20  20 |
| CH 326 | | Inorganic Chemistry, Structures and Spectroscopy | 3 | 20 |
| **12448.UG.57** | **Fourth Year**  All students shall normally undertake classes amounting to credits as follows | | | 120 |
|  | ***MChem Drug Discovery*** | | |  |
|  | Compulsory Classes | | |  |
|  | CH 450 Distance Learning Assignment 4 | | | 40 |
|  | and either | | |  |
|  | CH 451 Industrial Placement 4  or  CH 452 Research Placement 4 | | | 80  80 |
|  | or  CH 462 Knowledge Exchange Placement 4 | | | 80 |

#### BSc Drug Discovery

CH 473 BSc with Honours in Chemistry with Drug Discovery 4 120

#### CH 473 comprises

|  |  |  |  |
| --- | --- | --- | --- |
| CH 412 | Core Chemistry | 4 | 40 |
| CH 436 | Honours Project and Dissertation | 4 | 40 |
| CH 437 | Career Skills | 4 | 20 |

CH 442 Drug Discovery Specialisation 4 20 or other classes as approved by the Course Director

### 12448.UG.58 Fifth Year

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

Compulsory Classes

CH 586 Chemistry with Drug Discovery 5 120

***CH 586 comprises***

|  |  |  |  |
| --- | --- | --- | --- |
| CH 541 | Core Chemistry for Drug Discovery | 5 | 40 |
| CH 542 | Drug Discovery Specialisation | 5 | 40 |
| CH 569 | MChem Project and Dissertation | 5 | 40 |

### 12448.UG.59 Curriculum (Part-time study)

Part-time students will normally take classes amounting to 60 credits in each year of study.

### Progress

**12448.UG.60** In order to progress to the second year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.43 a student must also gain passes in the following classes *CH 106 Chemistry: Principles and Practice 1, CH 107 Chemistry: Principles and Practice 2, CH 108 Practical and Transferable Skills*.

**12448.UG.61** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply including 120 credits at Level 2 from the second year Chemistry classes.

**12448.UG.62** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply including at least 60 at Level 3 from third year Chemistry classes.

**12448.UG.63** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 including 120 credits at Level 4 from the fourth year compulsory classes.

### Final Assessment and Classification

**12448.UG.64** On successful completion of the fourth year, a BSc Hons Chemistry with Drug Discovery candidate will be awarded 120 Level 4 credits under the class code CH 473.

**12448.UG.65** On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the class code *CH 586*.

**12448.UG.66** The final classification for the degree of MChem will be based on the first assessed attempt at compulsory and specified optional classes taken in the third, fourth and fifth years.

### Award

**12448.UG.67 MChem**: In order to qualify for the award of the degree of MChem in Chemistry with Drug Discovery Regulation 00001.UG.1.74 shall apply.

**12448.UG.68 BSc Honours**: In order to qualify for the award of the degree of BSc Honours in Chemistry with Drug Discovery Regulation

00001.UG.1.75 shall apply.

**12448.UG.69 BSc**: In order to qualify for the award of the degree of BSc in Chemistry, Regulation 00001.UG.1.76 shall apply.

**12448.UG.70 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Chemical Sciences Regulation 00001.UG.1.77 shall apply

**12448.UG.71 Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences Regulation 00001.UG.1.78 shall apply**.**

### Transfer

**12448.UG.72** A student who fails to satisfy the progress or award requirements for the degree of MChem may be transferred to the BSc with Honours in Chemistry with Drug Discovery.

**12448.UG.73** A student who at the end of fourth year fails to satisfy the progress requirements for or who does not wish to progress to fifth year may be transferred to the BSc with Honours in Chemistry (Professional Experience).

**FACULTY OF SCIENCE**

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**BIOMEDICAL SCIENCES**

**Bachelor of Science with Honours in Biochemistry and Immunology Bachelor of Science with Honours in Biochemistry and Microbiology Bachelor of Science with Honours in Biochemistry and Pharmacology Bachelor of Science with Honours in Immunology and Microbiology Bachelor of Science with Honours in Immunology and Pharmacology Bachelor of Science with Honours in Microbiology and Pharmacology Bachelor of Science with Honours in Biomedical Science**

**Bachelor of Science with Honours in Pharmacology Bachelor of Science with Honours in Immunology Bachelor of Science with Honours in Biochemistry Bachelor of Science with Honours in Microbiology Bachelor of Science with Honours in Biomolecular Science**

**Bachelor of Science with Honours in Biology with Teaching Bachelor of Science in Biological Sciences**

**Diploma of Higher Education in Biological Sciences Certificate of Higher Education in Biological Sciences**

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

**Curriculum (Full-time study)**

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

**First Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM110 | Being a Biomolecular Scientist 1 | 1 | 40 |
| BM109 | Foundation Biomolecular Sciences: Cells and Their Molecules | 1 | 20 |
| CH112 | Bio-Organic Chemistry | 1 | 20 |
| BM108 | Foundation Biomolecular Science 2: Organisms and Disease | 1 | 20 |
|  | Elective Module(s) |  | 20 |

**Second Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM214 | Being a Biomolecular Scientist 2 | 2 | 40 |
| BM212 | Introduction to Immunology | 2 | 20 |
| BM210 | Introduction to Biochemistry | 2 | 20 |
| BM213 | Introduction to Pharmacology | 2 | 20 |
| BM211 | Introduction to Microbiology | 2 | 20 |

**Third Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM327 | Being a Biomolecular Scientist 3 | 3 | 40 |

**Biochemistry and Immunology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM325 | Fundamental Immunology | 3 | 20 |
| BM323 | Biomedical Immunology | 3 | 20 |
| BM326 | Fundamental Biochemistry | 3 | 20 |
| BM321 | Biomedical Biochemistry | 3 | 20 |

**Biochemistry and Microbiology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM330 | Fundamental Microbiology | 3 | 20 |
| BM329 | Biomedical Microbiology | 3 | 20 |
| BM326 | Fundamental Biochemistry | 3 | 20 |
| BM321 | Biomedical Biochemistry | 3 | 20 |

**Biochemistry and Pharmacology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM324 | Fundamental Pharmacology | 3 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| BM322 | Biomedical Pharmacology | 3 | 20 |
| BM326 | Fundamental Biochemistry | 3 | 20 |
| BM321 | Biomedical Biochemistry | 3 | 20 |

**Microbiology and Pharmacology Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM324 | Fundamental Pharmacology | 3 | 20 |
| BM322 | Biomedical Pharmacology | 3 | 20 |
| BM330 | Fundamental Microbiology | 3 | 20 |
| BM329 | Biomedical Microbiology | 3 | 20 |

**Biological Sciences and Biomolecular Sciences**

80 credits chosen from the modules listed in this Regulation.

**Biomedical Science**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM329 | Biomedical Microbiology | 3 | 20 |
| BM325 | Fundamental Immunology | 3 | 20 |
| BM321 | Biomedical Biochemistry | 3 | 20 |
| BM328 | Fundamental Biomedical Science: Haematology and Immunodiagnostics | 3 | 20 |

**Immunology and Microbiology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM325 | Fundamental Immunology | 3 | 20 |
| BM323 | Biomedical Immunology | 3 | 20 |
| BM330 | Fundamental Microbiology | 3 | 20 |
| BM329 | Biomedical Microbiology | 3 | 20 |

**Immunology and Pharmacology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM325 | Fundamental Immunology | 3 | 20 |
| BM323 | Biomedical Immunology | 3 | 20 |
| BM324 | Fundamental Pharmacology | 3 | 20 |
| BM322 | Biomedical Pharmacology | 3 | 20 |

**Pharmacology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM324 | Fundamental Pharmacology | 3 | 20 |
| BM322 | Biomedical Pharmacology | 3 | 20 |

**Optional Modules**

40 credits chosen from the modules listed in this Regulation.

**Immunology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM325 | Fundamental Immunology | 3 | 20 |
| BM323 | Biomedical Immunology | 3 | 20 |

**Optional Modules**

40 credits chosen from the modules listed in this Regulation.

**Biochemistry**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM326 | Fundamental Biochemistry | 3 | 20 |
| BM321 | Biomedical Biochemistry | 3 | 20 |

**Optional Modules**

40 credits chosen from the modules listed in this Regulation.

**Microbiology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM330 | Fundamental Microbiology | 3 | 20 |
| BM329 | Biomedical Microbiology | 3 | 20 |

**Optional Modules**

40 credits chosen from the modules listed in this Regulation.

**Biology with Teaching**

80 credits chosen from the modules listed in this Regulation.

**Fourth Year**

All full-time students shall undertake modules amounting to 120 credits as follows:

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM432 | Being a Biomolecular Scientist 4 | 4 | 40 |
| BM498 | Composite Mark\* | 4 | 80 |

BM498 Composite Mark comprises:

**Biochemistry and Immunology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM426 | Clinical Immunology | 4 | 20 |
| BM430 | Advanced Biochemistry | 4 | 20 |
| BM427 | Advanced Immunology\* | 4 | 20 |
| BM433 | Applied Immunology\* | 4 | 20 |
| BM423 | Clinical Biochemistry\*\* | 4 | 20 |
| BM431 | Applied Biochemistry\*\* | 4 | 20 |

\*Either BM427 Advanced Immunology or BM433 Applied Immunology

\*\*Either BM423 Clinical Biochemistry or BM431 Applied Biochemistry

**Biochemistry and Microbiology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM425 | Advanced Microbiology | 4 | 20 |
| BM430 | Advanced Biochemistry | 4 | 20 |
| BM424 | Clinical Microbiology\* | 4 | 20 |
| BM435 | Applied Microbiology\* | 4 | 20 |
| BM423 | Clinical Biochemistry\*\* | 4 | 20 |
| BM431 | Applied Biochemistry\*\* | 4 | 20 |

**Biochemistry and Pharmacology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM429 | Advanced Pharmacology | 4 | 20 |
| BM430 | Advanced Biochemistry | 4 | 20 |
| BM434 | Clinical Pharmacology\* | 4 | 20 |
| BM428 | Applied Pharmacology\* | 4 | 20 |
| BM423 | Clinical Biochemistry\*\* | 4 | 20 |
| BM431 | Applied Biochemistry\*\* | 4 | 20 |

\*Either BM434 Clinical Pharmacology or BM428 Applied Pharmacology

\*\*Either BM423 Clinical Biochemistry or BM431 Applied Biochemistry

**Microbiology and Pharmacology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM429 | Advanced Pharmacology | 4 | 20 |
| BM425 | Advanced Microbiology | 4 | 20 |

|  |  |  |  |
| --- | --- | --- | --- |
| BM434 | Clinical Pharmacology\* | 4 | 20 |
| BM428 | Applied Pharmacology\* | 4 | 20 |
| BM424 | Clinical Microbiology\*\* | 4 | 20 |
| BM435 | Applied Microbiology\*\* | 4 | 20 |

\*Either BM434 Clinical Pharmacology or BM428 Applied Pharmacology

\*\*Either BM424 Clinical Microbiology or BM435 Applied Microbiology

**Biomedical Science**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM426 | Clinical Immunology | 4 | 20 |
| BM423 | Clinical Biochemistry | 4 | 20 |
| BM424 | Clinical Microbiology | 4 | 20 |
| BM422 | Advanced Biomedical Science: Cellular and Molecular Pathology | 4 | 20 |

**Immunology and Microbiology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM426 | Clinical Immunology | 4 | 20 |
| BM425 | Advanced Microbiology | 4 | 20 |
| BM427 | Advanced Immunology\* | 4 | 20 |
| BM433 | Applied Immunology\* | 4 | 20 |
| BM424 | Clinical Microbiology\*\* | 4 | 20 |
| BM435 | Applied Microbiology\*\* | 4 | 20 |

\*Either BM427 Advanced Immunology or BM433 Applied Immunology

\*\*Either BM424 Clinical Microbiology or BM435 Applied Microbiology

**Immunology and Pharmacology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM426 | Clinical Immunology | 4 | 20 |
| BM429 | Advanced Pharmacology | 4 | 20 |
| BM427 | Advanced Immunology\* | 4 | 20 |
| BM433 | Applied Immunology\* | 4 | 20 |
| BM434 | Clinical Pharmacology\*\* | 4 | 20 |
| BM428 | Applied Pharmacology\*\* | 4 | 20 |

\*Either BM427 Advanced Immunology or BM433 Applied Immunology

\*\*Either BM434 Clinical Pharmacology or BM428 Applied Pharmacology

**Immunology**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM427 | Advanced Immunology | 4 | 20 |
| BM426 | Clinical Immunology | 4 | 20 |
| BM433 | Applied Immunology | 4 | 20 |
| Plus 20 credits chosen from Fourth Year modules. | | | |

**Pharmacology**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM429 | Advanced Pharmacology | 4 | 20 |
| BM434 | Clinical Pharmacology | 4 | 20 |
| BM428 | Applied Pharmacology | 4 | 20 |
| Plus 20 credits chosen from Fourth Year modules. | | | |

**Biochemistry**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM430 | Advanced Biochemistry | 4 | 20 |
| BM423 | Clinical Biochemistry | 4 | 20 |
| BM431 | Applied Biochemistry | 4 | 20 |
| Plus 20 credits chosen from Fourth Year modules. | | | |

**Microbiology**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| BM425 | Advanced Microbiology | 4 | 20 |
| BM424 | Clinical Microbiology | 4 | 20 |
| BM435 | Applied Microbiology | 4 | 20 |
| Plus 20 credits chosen from Fourth Year modules. | | | |

**Biomolecular Sciences**

80 credits chosen from Fourth Year modules.

**Biology with Teaching**

**Compulsory Modules**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Code** | **Module Title** | **Level** | **Credits** |
| X7457 | Educational Studies; Professional Values 1 | 4 | 20 |
| X3402 | Professional Learning Through Enquiry 1 | 4 | 20 |
| X3404 | Professional Skills; Curriculum and Pedagogy Biology 1 | 4 | 40 |
| X3405 | Placement Learning: Community | 4 | 20 |
| X3430 | Learning on Placement | 4 | 20 |

**Curriculum (Part-time study)**

1. In each academic year, a student studying on a part-time basis shall normally undertake a curriculum of no fewer than 60 credits chosen from the appropriate full-time curriculum.

**Progress (Full-time study)**

1. In order to progress to the second year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
2. In order to progress to the third year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
3. In order to progress to the fourth year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

**Progress (Part-time study)**

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

**Final Assessment and Honours Classification**

1. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code BM499.
2. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules in the third and fourth years.

**Award**

1. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
2. **BSc with Honours in Biology with Teaching**: In order to qualify for the award of the degree of BSc with Honours in Biology with Teaching a candidate must have accumulated no fewer than 480 credits from the programme curriculum. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include:
   1. the credits for all the compulsory Level 4 Education modules taken individually;
   2. no fewer than 200 credits at Levels 3 and 4 with at least 160 credits at Level 4.
3. **BSc**: In order to qualify for the award of the BSc in Biological Sciences Regulation the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.
4. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Biological the *General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level* shall apply.
5. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Biological Sciences the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

# STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

## BIOMEDICAL SCIENCES

### MSci in Biochemistry MSci in Immunology MSci in Microbiology MSci in Pharmacology

**Course Regulations**

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

### Curriculum (Full-time study)

**12100.UG.1 First Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| BM 110 | Being a Biomolecular Scientist 1 | 1 | 40 |
| BM 109 | Foundation Biomolecular Sciences: |  |  |
|  | Cells and their Molecules | 1 | 20 |
| CH 112 | Bio-Organic Chemistry | 1 | 20 |
| BM 108 | Foundation Biomolecular Science 2: |  |  |
|  | Organisms and Disease | 1 | 20 |
|  | Elective (Classes) | 1 | 20 |

### 12100.UG.2 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 214 | Being a Biomolecular Scientist 2 | 2 | 40 |
| BM 212 | Introduction to Immunology | 2 | 20 |
| BM 210 | Introduction to Biochemistry | 2 | 20 |
| BM 213 | Introduction to Pharmacology | 2 | 20 |
| BM 211 | Introduction to Microbiology | 2 | 20 |

### 12100.UG.3 Third Year

All full-time students shall undertake classes amounting to 120 credits

Compulsory Class

BM 327 Being a Biomolecular Scientist 3 3 40

together with classes appropriate to the chosen course:

#### Biochemistry

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 326 | Fundamental Biochemistry | 3 | 20 |
| BM 321  ***Immunology*** | Biomedical Biochemistry | 3 | 20 |

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 325 | Fundamental Immunology | 3 | 20 |
| BM 323 | Biomedical Immunology | 3 | 20 |

#### Microbiology

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 330 | Fundamental Microbiology | 3 | 20 |
| BM 329 | Biomedical Microbiology | 3 | 20 |

#### Pharmacology

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM324 | Fundamental Pharmacology | 3 | 20 |
| BM322 | Biomedical Pharmacology | 3 | 20 |

Optional classes

A further 40 credits from the classes listed in this regulation

### 12100.UG.4 Fourth Year

A student must take a minimum of 40 credits in the subject that forms the named Masters degree in year 5. All full-time students shall undertake classes amounting to 120 credits choosing two subject combinations from the following

Compulsory Classes

BM 432 Being a Biomolecular Scientist 4 4 40

together with classes appropriate to the chosen course

#### Biochemistry

Compulsory Classes

BM 430 Advanced Biochemistry 4 20

Up to 40 credits from the following classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 423 | Clinical Biochemistry | 4 | 20 |
| BM 431  ***Immunology*** | Applied Biochemistry | 4 | 20 |

Compulsory Classes

BM 426 Clinical Immunology 4 20

Up to 40 credits from the following classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 427 | Advanced Immunology | 4 | 20 |
| BM 433 | Applied Immunology | 4 | 20 |

#### Microbiology

Compulsory Classes

BM 425 Advanced Microbiology 4 20

Up to 40 credits from the following classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 424 | Clinical Microbiology | 4 | 20 |
| BM 435 | Applied Microbiology | 4 | 20 |

#### Pharmacology

Compulsory Classes

BM 429 Advanced Pharmacology 4 20

Up to 40 credits from the following classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 434 | Clinical Pharmacology | 4 | 20 |
| BM 428 | Applied Pharmacology | 4 | 20 |

Optional Classes

Up to 40 further credits in one subject from the classes listed in this regulation. A 3rd year pass is required in the discipline from which the optional class is chosen.

### 12100.UG.5 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

#### Biochemistry

BM 503 MSci in Biochemistry 5 120

#### Immunology

BM 502 MSci in Immunology 5 120

#### Microbiology

BM 504 MSci in Microbiology 5 120

#### Pharmacology

BM 501 MSci in Pharmacology 5 120 Each of the above classes comprises

Compulsory Classes

MP 931 Generic Biomedical and Pharmaceutical Research Skills 5 20

together with the class appropriate to the chosen course

***Biochemistry***

|  |  |  |  |
| --- | --- | --- | --- |
| BM 505 | MSci Biochemistry Project and Thesis | 5 | 80 |
| BM 509 | Research Topics in Biochemistry | 5 | 20 |
| ***Immunology*** |  |  |  |
| BM 506 | MSci Immunology Project and Thesis | 5 | 80 |
| BM 510 | Research Topics in Immunology | 5 | 20 |
| ***Microbiology*** | |  |  |
| BM 507 | MSci Microbiology Project and Thesis | 5 | 80 |
| BM 511 | Research Topics in Microbiology | 5 | 20 |

***Pharmacology***

|  |  |  |
| --- | --- | --- |
| BM 508 | MSci Pharmacology Project and Thesis 5 | 80 |
| BM 512 | Research Topics in Pharmacology 5 | 20 |

### 12100.UG.6 Curriculum (Part-time study)

Regulations UG.1.43 and UG.1.44 shall apply.

### Progress (Full-time study)

**12100.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**12100.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

### Progress (Part-time study)

**12100.UG.11** In order to progress to the next full-time equivalent year of the course, a part- time student must normally satisfy the appropriate progress requirements for full-time study

**12100.UG.12** In any one academic year, a part-time student shall not normally carry more than 20 outstanding credits from one academic year to the next.

### 12100.UG.13 Final Assessment and Degree Classification

On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the class code *BM501, BM502, BM503 or BM504* as appropriate.

**12100.UG.14** The final classification will normally be based on the first assessed attempt at compulsory and specified optional classes in the third, fourth and fifth years.

### Award

**12100.UG.15 MSci:** In order to qualify for the award of the degree of MSci in the chosen course Regulation 00001.UG.1.74 shall apply**.**

### 12100.UG.16 Transfer BSc Hons

A student who fails to satisfy the progress or award requirements for the degree of MSci may be transferred to the following

**12100.UG.105 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in the chosen course Regulation 00001.UG.1.75 shall apply

**12100.UG.106 BSc:** In order to qualify for the award of the BSc in Biological Sciences Regulation 00001.UG.1.76 shall apply.

**12100.UG.107 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Biological Sciences Regulation 00001.UG.1.77 shall apply.

**12100.UG.108 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Biological Sciences Regulation 00001.UG.1.78 shall apply.

# STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

## BIOMEDICAL SCIENCES

### BSc with Honours in Biochemistry and Pharmacology Course Regulations

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

### 12100.UG.140 Mode of Study

The course is available by full-time study only.

### Place of Study

Students will study years 1-3 at China Pharmaceutical University (CPU). 25% of each year of study in China will be taught by UoS staff based at CPU. Year 4 will be taught at UoS.

### Curriculum (Full-time study) 12100.UG.141 First Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class Level Credits

BM 113 CPU Biological Sciences 1 1 120

### 12100.UG.142 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 215 CPU Biological Sciences 2 2 120

### 12100.UG.143 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BM 331 CPU Biological Sciences 3 3 120

### 12100.UG.144 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BM 499 Composite Mark for Honours Curriculum 4 120

***BM 499* comprises**

Compulsory Class

BM 432 Being a Biomolecular Scientist 4 (40 credits) together with classes appropriate to the chosen course

#### Biochemistry and Pharmacology

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| BM 429 | Advanced Pharmacology | 4 | 20 |
| BM 430 | Advanced Biochemistry | 4 | 20 |
| BM 434 | Clinical Pharmacology | 4 | 20 |
| BM 423 | Clinical Biochemistry | 4 | 20 |

### Progress (Full-time study)

**12100.UG.145** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.146** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.147** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

### Final Assessment and Honours Classification

**12100.UG.148** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *BM 499*.

**12100.UG.149** The final Honours classification will be based on the first assessed attempt at compulsory classes in the fourth year.

### Award

**12100.UG.150 BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in the chosen course Regulation 00001.UG.1.75 shall apply.

**12100.UG.151 BSc:** In order to qualify for the award of the BSc in Biological Sciences Regulation 00001.UG.1.76 shall apply.

# STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

## PHARMACEUTICAL SCIENCES

**BSc with Honours in Pharmaceutical Sciences BSc in Pharmaceutical Sciences**

**Diploma of Higher Education in Pharmaceutical Sciences Certificate of Higher Education in Pharmaceutical Sciences**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.UG]

### 12100.UG.183 Mode of Study

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

### Curriculum 12100.UG.184 First Year

All students shall undertake classes amounting to 120 credits as detailed in the regulations for the first year curriculum of the BSc (Honours) Biomedical Sciences.

### 12100.UG.185 Second Year

All students shall undertake classes amounting to 120 credits as detailed in the regulations for the second year curriculum of the MPharm Pharmacy.

### 12100.UG.186 Third Year

All students shall undertake classes amounting to 120 credits as detailed in the regulations for the third year curriculum of the MPharm Pharmacy.

### 12100.UG.187 Fourth Year

All students shall undertake classes amounting to 120 credits as follows Compulsory Classes Level Credit MP 4427 Pharmaceutical sciences 4 4 120

***MP 427 Pharmaceutical sciences 4 comprises (either MP428 or MP429)***

|  |  |  |  |
| --- | --- | --- | --- |
| MP 421 | Management of malignancy and |  | |
|  | inflammatory conditions | 4 | 20 |
| MP 422 | Management of central nervous system |  |  |
|  | conditions | 4 | 20 |
| MP428 | Management of Inflammatory Conditions | 4 | 20 |
| MP429 | New Medicines; Better Medicines; Better | 4 | 20 |
|  | Use of Medicines |  |  |
| MP 420 | Being a pharmacist 3 | 4 | 40 |

### Progress

**12100.UG.188** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.189** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.190** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

### 12100.UG.191 Final Classification

The final classification for the degree of BSc with Honours in Pharmaceutical Sciences will normally be based on the first assessed attempt at compulsory and specified optional classes at levels three and four.

### Award

**12100.UG.192 BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Pharmaceutical Sciences Regulation 00001.UG.1.75 shall apply.

**12100.UG.193 BSc:** In order to qualify for the award of the degree of BSc in Pharmaceutical Sciences Regulation 00001.UG.1.76 shall apply.

**12100.UG.194 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Pharmaceutical Sciences Regulation 00001.UG.1.77 shall apply.

**12100.UG.195 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Pharmaceutical Sciences Regulation 00001.UG.1.78 shall apply.

**12100.UG.196 to**

**12100.UG.226 (numbers not used)**

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

## PHARMACY

### MPharm in Pharmacy Course Regulations

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

### 12100.UG.xxx Admission

Admission to the course shall normally be into Second Year. Students will be awarded RPL equivalent to 120 credits at Level 1.

### 12100.UG.276 Status of Degree

The course is offered at Integrated Masters level. Transfer to the BSc in Pharmaceutical Sciences may be possible at any time subject to satisfying the appropriate progress regulations. The MPharm is normally completed in four years (years 2 – 4).

### 12100.UG.277 Place of Study

The course includes time undertaken in experiential learning sites including NHS hospitals and community pharmacies for which students shall require a valid Protecting Vulnerable Groups Certificate from Disclosure Scotland.

### 12100.UG.278 Mode of Study

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

### Curriculum 12100.UG.279 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| BM 108 | Foundation Biomolecular Science: 2 |  | |
|  | Organisms and Disease | 1 | 20 |
| BM 109 | Foundation and Biomolecular Sciences: |  |  |
|  | Cells and their Molecules | 1 | 20 |
| BM 110 | Being a Biomolecular Scientist 1 | 1 | 40 |
| CH 112 | Bio-Organic Chemistry | 1 | 20 |

Elective classes 20

### 12100.UG.280 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MP 221 Normal function of the gastrointestinal

tract 2 20

MP 222 Normal function of the cardiovascular

and respiratory systems 2 20

MP 223 Normal function of the central nervous

and endocrine systems 2 20

MP 224 Normal function of the renal and

hepatic systems 2 20

MP 220 Being a pharmacist 1 2 40

### 12100.UG.281 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MP 321 Management of infection and

infectious diseases 3 20

MP 322 Management of gastrointestinal

and endocrine conditions 3 20

MP 323 Management of cardiovascular

conditions 3 20

MP 324 Management of respiratory and

inflammatory conditions 3 20

MP 320 Being a pharmacist 2 3 40

### 12100.UG.282 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MP 421 | Management of malignancy and |  |  |
|  | inflammatory conditions | 4 | 20 |
| MP 422 | Management of central nervous |  |  |
|  | system conditions | 4 | 20 |
| MP 428 | Management of inflammatory conditions | 4 | 20 |

MP 429 New Medicines; Better Medicines; Better Use of Medicines 4 20

MP 420 Being a pharmacist 3 4 40

### 12100.UG.283 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MP 507 | Research Project | 5 | 40 |
| MP 520 | Being a pharmacist 4 | 5 | 40 |
| MP 521 | Evidence Based Medicine | 5 | 40 |

### 12100.UG.284 Final Classification

The final classification for the degree of MPharm will normally be based on the first assessed attempt at classes at levels four and five.

### Award

**12100.UG.285 MPharm:** In order to qualify for the award of the degree of MPharm in Pharmacy Regulation 00001.UG.1.74 of the General Undergraduate Regulations shall apply

# STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

## PHARMACY

### MPharm in Pharmacy (with Honours)

**Course Regulations**

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

### 12100.UG.227 Admission

Admission to the course shall normally be into Second Year from an agreed articulation partner. Students will be awarded RPL equivalent to 120 credits at Level 1.

### 12100.UG.228 Status of Degree

The course is offered at Integrated Masters level. Transfer to the BSc in Pharmaceutical Sciences may be possible at any time subject to satisfying the appropriate progress regulations.

### 12100.UG.229 Place of Study

The course includes time undertaken in experiential learning sites including NHS hospitals and community pharmacies for which students shall require a valid Protecting Vulnerable Groups Certificate from Disclosure Scotland.

### 12100.UG.230 Mode of Study

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

### Curriculum 12100.UG.231 First Year

All students shall undertake classes amounting to 120 credits as detailed in the regulations for the first year of BSc (Honours) Biomedical Sciences.

### 12100.UG.232 Second Year

All students shall undertake classes amounting to 120 credits as follows

Level Credits

|  |  |  |  |
| --- | --- | --- | --- |
| MP 221 | Normal function of the gastrointestinal tract | 2 | 20 |
| MP 222 | Normal function of the cardiovascular |  |  |
|  | and respiratory systems | 2 | 20 |
| MP 223 | Normal function of the central nervous |  |  |
|  | and endocrine systems | 2 | 20 |
| MP 224 | Normal function of the renal and |  |  |
|  | hepatic systems | 2 | 20 |
| MP 220 | Being a pharmacist 1 | 2 | 40 |

### 12100.UG.233 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MP321 Management of infection and infectious diseases

3 20

MP322 Management of gastrointestinal and

endocrine conditions 3 20

MP323 Management of cardiovascular

conditions

MP324 Management of respiratory and

inflammatory conditions

3 20

3 20

MP320 Being a Pharmacist 2 3 40

### 12100.UG.234 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MP 421 Management of malignancy

and inflammatory conditions 4 20

MP 422 Management of central nervous

System conditions 4 20

MP428 Management of inflammatory conditions 4 20

MP429 New Medicines; Better Medicines;

Better Use of Medicines 4 20

MP 420 Being a pharmacist 3 4 40

### 12100.UG.235 Fifth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

|  |  |  |  |
| --- | --- | --- | --- |
| MP 507 | Research Project | 5 | 40 |
| MP 520 | Being a pharmacist 4 | 5 | 40 |
| MP 521 | Evidence Based Medicine | 5 | 40 |

### Progress

**12100.UG.236** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.237** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.238** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**12100.UG.239** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

### Final Classification

**12100.UG.240** The final classification for the degree of MPharm (with Honours) will normally be based on the first assessed attempt at classes at levels four and five.

**12100.UG.241** Notwithstanding Regulation 00001.UG.1.60 the degree in MPharm (with Honours) will be classified in accordance with Regulation 00001.UG.1.60

### Award

**12100.UG.242 MPharm:** In order to qualify for the award of the degree of MPharm in Pharmacy (with Honours) Regulation 00001.UG.1.74 shall apply.

### 12100.UG.243 Transfer

A student who fails to satisfy the progress or award requirements for the degree of MPharm in Pharmacy (with Honours) may be transferred to the degree of BSc in Pharmaceutical Sciences.