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| --- | --- |
|  | General and Course Regulations for Degrees of Bachelor and Integrated Master 2018-19 |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Version No.** | **Description** | **Author** | **Approval** | **Effective Date** | | 1.0 | General and Course Regulations for Degrees of Bachelor and Integrated Master 2018-19 | Academic Regulations Review Group | n/a | 01 Aug 2018 | | |
| 8/1/2018 | Version 1 |
|  | General and Course Regulations for Degrees of Bachelor and Integrated Master 2018-19.  (Covering the course regulations for undergraduate and integrated master’s degrees of the four Faculties and elective classes for students admitted to first year with effect from session 2009/10)  **the place of useful learning**  The University of Strathclyde is a charitable body, registered in Scotland, number SC015263 |

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**FACULTY OF SCIENCE**

**12000 FACULTY COURSES**

[BSc with Honours in Natural Sciences](#BSc_in_Natural_Sciences)

[BSc with Honours in Natural Sciences (named subjects)](#BSc_Honours_Natural_Sciences_named_subje)

[BSc in Natural Sciences](#BSc_in_Natural_Sciences)

[BSc in Natural Sciences (named subjects)](#BSc_in_Natural_Sciences_named_subjects)

**12448 DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

[MChem in Chemistry](#MChem_in_Chemistry)

[MChem in Forensic and Analytical Chemistry](#MChem_Forensic_and_Analytical_Chemistry)

[MChem in Chemistry with Teaching](#MChem_in_Chemistry_with_Teaching)

[BSc with Honours in Chemistry](#BSc_with_Honours_in_Chemistry)

[BSc with Honours in Chemistry with Teaching](#BSc_Honours_in_Chemistry_with_Teaching)

[BSc with Honours in Chemistry with Analytical Chemistry](#BSc_Honours_in_Chemistry_with_AC)

[BSc with Honours in Chemistry with Forensic Chemistry](#BSc_with_Honours_in_Chemistry_with_FC)

[BSc in Chemistry](#BSc_in_Chemistry)

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**12212 DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

[BSc with Honours in Business Information Systems](#BSc_with_Honours_in_Business_Information)

[BSc in Business Information Systems](#BSc_in_Business_Information_Systems)

[MEng in Computer Science](#MEng_in_Computer_Science)

[BSc with Honours in Computer Science](#BSc_with_Honours_in_Computer_Science)

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[BSc with Honours in Software Engineering](#BSc_with_Honours_in_Software_Engineering)

[BSc with Honours in IT: Software Development](#BSc_Honours_in_IT_Software_Development)

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12305 DEPARTMENT OF MATHEMATICS AND STATISTICS

[MMath in Mathematics](#MMath_in_Mathematics)

[MMath in Mathematics and Statistics](#MMath_in_Mathematics_and_Statistics)

[BSc with Honours in Mathematics](#BSc_with_Honours_in_Mathematics)

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[BSc with Honours in Mathematics and Computer Science](#BSc_Hons_in_Maths_and_Computer_Science)

[BSc in Mathematics and Computer Science](#BSc_in_Mathematics_and_Computer_Science)

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[BSc with Honours in Mathematics, Statistics and Accounting](#BSc_Honours_in_Maths_Statists_Accounting)

[BSc in Mathematics, Statistics and Accounting](#BSc_Mathematics_Statistics_Accounting)

[BSc with Honours in Mathematics, Statistics and Economics](#BSc_Hons_in_Maths_Statistics_Economics)

[BSc in Mathematics, Statistics and Economics](#BSc_Maths_Statistics_and_Economics)

[BSc with Honours in Mathematics, Statistics and Finance](#BSc_Honours_Maths_Statistics_Finance)

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**12424 DEPARTMENT OF PHYSICS**

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[BSc in Physics](#BSc_in_Physics)

[BSc in Physics with Teaching](#BSc_in_Physics_with_Teaching)

[MPhys in Physics with Advanced Research](#MPhys_in_Physics_with_Advanced_Research)

**12100** **STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

[MSci in Biochemistry](#MSci_in_Biochemistry)

[MSci in Immunology](#MSci_in_Immunology)

[MSci in Microbiology](#MSci_in_Microbiology)

[MSci in Pharmacology](#MSci_in_Pharmacology)

[BSc with Honours in Biochemistry and Immunology](#BSc_Hons_in_Biochemistry_and_Immunology)

BSc with Honours in Biochemistry and Microbiology

BSc with Honours in Biochemistry and Pharmacology

[BSc with Honours in Immunology and Microbiology](#BSc_Hons_in_Immunology_and_Microbioloy2)

[BSc with Honours in Immunology and Pharmacology](#BSc_Hons_in_Immunology_and_Pharmacology)

[BSc with Honours in Biomedical Science](#BSc_with_Honours_in_Biomedical_Science)

[BSc with Honours in Bimolecular Sciences](#BSc_with_Honours_in_Biomolecular_Science)

[BSc in Biological Sciences](#BSc_in_Biological_Sciences)

**(Original Courses pre 2016/17)**

[BSc with Honours in Biochemistry and Immunology](#BSc_Hons_in_Biochemistry_and_Immunology2)

[BSc with Honours in Biochemistry and Microbiology](#BSc_Hons_in_Biochemistry_and_Microbiogy2)

[BSc with Honours in Biochemistry and Pharmacology](#BSc_Hons_in_Biochem_and_Pharmacology2)

[BSc with Honours in Immunology and Microbiology](#BSc_Hons_in_Immunology_and_Microbioloy2)

[BSc with Honours in Immunology and Pharmacology](#BSc_Hons_Immunology_and_Pharmacology2)

[BSc with Honours in Microbiology and Pharmacology](#BSc_Hons_Microbiology_and_Pharmacology2)

[BSc with Honours in Biomedical Science](#BSc_Hons_in_Biomedical_Science2)

[BSc with Honours in Pharmacology](#BSc_Honours_in_Pharmacology2)

[BSc with Honours in Immunology](#BSc_Honours_in_Immunology2)

[BSc with Honours in Biochemistry](#BSc_with_Honours_in_Biochemistry2)

[BSc with Honours in Microbiology](#BSc_Honours_in_Biomolecular_Science2)

[BSc with Honours in Biomolecular Science](#BSc_Honours_in_Biomolecular_Science2)

[BSc in Biological Sciences](#BSc_in_Biological_Sciences2)

**(Courses with effect from 2016/17)**

[BSc with Honours in Biochemistry and Pharmacology](#BSc_Hons_Biochemistry_and_Pharmacology)

[BSc with Honours in Pharmaceutical Sciences](#BSc_Hons_in_Pharmaceutical_Sciences)

[BSc in Pharmaceutical Sciences](#BSc_in_Pharmaceutical_Sciences)

[MPharm in Pharmacy (with Honours)](#MPharm_in_Pharmacy_with_Honours)

[MPharm in Pharmacy](#MPharm_in_Pharmacy)

[BSc with Honours in Bioscience with Teaching](#BSc_Honours_in_Bioscience_with_Teaching)

[BSc in Bioscience with Teaching](#BSc_in_Bioscience_with_Teaching)

**FACULTY OF ENGINEERING**

**13000 FACULTY COURSES**

[BEng in Engineering Studies](#BEng_in_Engineering_Studies)

[BEng with Honours in Engineering: Design and Manufacture](#BEng_Hons_in_Engineering_Design_and_Manu)

[BEng in Engineering: Design and Manufacture](#BEng_in_Engineering_Design_and_Manufac)

**13113 DEPARTMENT OF ARCHITECTURE**

[BSc with Honours in Architectural Studies](#BSc_Honours_in_Architectural_Studies)

[BSc with Honours in Architectural Studies with International Study](#BSc_Hons_in_Architectural_Studies_w_IS)

[BSc in Architectural Studies](#BSc_in_Architectural_Studies)

[BSc in Architectural Studies with International Study](#BSc_Architectural_Studies_w_IS)

**13080 DEPARTMENT OF BIOMEDICAL ENGINEERING**

[MEng in Biomedical Engineering](#MEng_in_Biomedical_Engineering)

[BEng with Honours in Biomedical Engineering](#BEng_Honours_in_Biomedical_Engineering)

[BEng in Biomedical Engineering](#BEng_in_Biomedical_Engineering)

[BSc with Honours in Prosthetics and Orthotics](#BSc_Honours_in_Prosthetics_and_Orthotics)

**11012 DEPARTMENT OF CHEMICAL ENGINEERING AND PROCESS ENGINEERING**

[MEng in Chemical Engineering](#MEng_in_Chemical_Engineering)

[BEng with Honours in Chemical Engineering](#BEng_Honours_in_Chemical_Engineering)

[BEng in Chemical Engineering](#BEng_in_Chemical_Engineering)

[MEng in Chemical Engineering by Distance Learning](#MEng_in_Chemical_Engineering_by_DL)

[BEng with Honours in Chemical Engineering by Distance Learning](#BEng_Hons_in_Chemical_Engineering_by_DL)

[BEng in Chemical Engineering by Distance Learning](#BEng_Chemical_Engineering_by_DL)

[MSci in Applied Chemistry and Chemical Engineering](#MSci_Applied_Chemistry_and_Chemical_Eng)

**11024 DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

[BEng with Honours in Structural and Architectural Engineering](#BEng_in_Structural_and_Architectural_Eng)

[BEng in Structural and Architectural Engineering](#BEng_in_Structural_and_Architectural_Eng)

[MEng in Civil Engineering](#MEng_in_Civil_Engineering)

[MEng in Civil and Environmental Engineering](#MEng_Civil_and_Environmental_Engineering)

[BEng with Honours in Civil Engineering](#BEng_with_Honours_in_Civil_Engineering)

[BEng with Honours in Civil and Environmental Engineering](#BEng_Hons_in_Civil_and_Environmental_Eng)

[BEng in Civil Engineering](#BEng_in_Civil_Engineering)

[BEng in Civil and Environmental Engineering](#BEng_Hons_in_Civil_and_Environmental_Eng)

**11603** **DEPARTMENT OF DESIGN, MANUFACTURE AND ENGINEERING MANAGEMENT**

[MEng in Product Design Engineering](#MEng_in_Product_Design_Engineering)

[BEng with Honours in Product Design Engineering](#BEng_Hons_in_Product_Design_Eng)

[BEng in Product Design Engineering](#BEng_in_Product_Design_Engineering)

[MEng in Production Engineering and Management](#MEng_Production_Engineering_and_Manag)

[BEng with Honours in Production Engineering and Management](#BEng_Hons_Production_Engineering_and_Mng)

[BEng in Production Engineering and Management](#BEng_Production_Engineering_and_Managmen)

[MEng in Sports Engineering](#MEng_in_Sports_Engineering)

[BEng with Honours in Sports Engineering](#BEng_Honours_in_Sports_Engineering)

[BEng in Sports Engineering](#BEng_in_Sports_Engineering)

**11036 DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

[MEng in Electronic and Electrical Engineering](#MEng_Electronic_and_Electrical_Eng)

[MEng in Electronic and Electrical Engineering with Business Studies](#MEng_EEE_with_Business_Studies)

[MEng in Electronic and Electrical Engineering with International Study](#MEng_in_EEE_with_International_Study)

[MEng in Electrical Energy Systems](#MEng_in_Electrical_Energy_Systems)

[MEng in Electronic and Digital Systems](#MEng_in_Electronic_and_Digital_Systems)

[BEng with Honours in Electronic and Electrical Engineering](#BEng_with_Honours_in_EEE)

[BEng in Electronic and Electrical Engineering](#BEng_in_Electronic_and_Electrical_Eng)

[MEng in Electrical and Mechanical Engineering](#MEng_in_Electrical_and_Mechanical_Eng)

[MEng in Electrical and Mechanical Engineering with International Study](#MEng_Electrical_and_Mechanical_Eng_w_IS)

[BEng with Honours in Electrical and Mechanical Engineering](#BEng_Hons_in_Electrical_and_Mech_Eng)

[BEng in Electrical and Mechanical Engineering](#BEng_Electrical_and_Mechanical_Eng)

[BEng with Honours in Computer and Electronic Systems](#BEng_Hons_in_Computer_and_Electronic_Sys)

[BEng in Computer and Electronic Systems](#BEng_in_Computer_and_Electronic_Systems)

**11048 DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

[MEng in Aero-Mechanical Engineering](#MEng_in_Aero_Mechanical_Engineering)

[MEng in Mechanical Engineering](#MEng_in_Mechanical_Engineering)

[MEng in Mechanical Engineering with Aeronautics](#MEng_Mechanical_Engineering_w_Aeronautic)

[MEng in Mechanical Engineering with Financial Management](#MEng_Mech_Eng_with_Financial_Mngment)

[MEng in Mechanical Engineering with Materials Engineering](#MEng_Mech_Eng_with_Materials_Eng)

[MEng in Mechanical Engineering with International Study](#MEng_Mech_Eng_with_International_Study)

[BEng with Honours in Aero-Mechanical Engineering](#BEng_Honours_in_AeroMechanical_Eng)

[BEng with Honours in Mechanical Engineering](#BEng_Honours_in_Mechanical_Eng)

[BEng with Honours in Mechanical Engineering with International Study](#BEng_Hons_in_Mech_Eng_with_IS)

[BEng in Mechanical Engineering](#BEng_Mechanical_Engineering)

**11132 DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING**

[MEng in Naval Architecture and Marine Engineering](#MEng_Naval_Architecture_and_Marine_Eng)

[MEng in Naval Architecture with Ocean Engineering](#MEng_Naval_Architecture_with_Ocean_Eng)

[MEng in Naval Architecture with High Performance Marine Vehicles](#MEng_Naval_Architecture_with_HPMV)

[BEng with Honours in Naval Architecture and Marine Engineering](#BEng_Hons_in_Naval_Architecture_and_ME)

[BEng with Honours in Naval Architecture with Ocean Engineering](#BEng_Hons_Naval_Architecture_OE)

[BEng with Honours in Naval Architecture with High Performance Marine Vehicles](#BEng_Hons_in_Naval_Architecture_w_HPMV)

[BEng in Naval Architecture and Marine Engineering](#BEng_Naval_Architecture_and_Marine_Eng)

[BEng in Naval Architecture with Ocean Engineering](#BEng_Naval_Architecture_w_Ocean_Eng)

[BEng in Naval Architecture with High Performance Marine Vehicles](#BEng_Naval_Architecture_with_HPMV)

**STRATHCLYDE BUSINESS SCHOOL**

**12800 FACULTY COURSES**

[BA with Honours in (Principal Subject(s))](#BA_with_Honours_in_Principal_Subjects)

[BA with Honours in (Principal Subject(s)) with International Study](#BA_Hons_in_Principal_Subjects_w_IS)

[BA in (Principal Subject(s))](#BA_in_Principal_Subjects)

[BA in (Principal Subject (s)) with International Study](#BA_in_Principal_Subjects_with_IS)

[BA with Honours in International Business with (Principal Subject)](#BA_Hons_in_International_Busines_w_PS)

[BA in International Business](#BA_in_International_Business)

[Master in International Business with a Modern Language](#Master_International_Business_with_a_ML)

[BA with Honours in International Business with a Modern Language](#BA_Hons_in_International_Busines_w_ML)

[BA in International Business with a Modern Language](#BA_International_Business_w_ML)

[Bachelor of Business Administration with Honours (in named specialism)](#BBA_Hons_in_named_specialism)

[BBA of Bachelor Administration](#BBA_of_Bachelor_Administration)

[Certificate In Applied Business Skills](#Certificate_Applied_Business_Skills)

**VALIDATED COURSES**

[Diploma of Higher Education (Business)](#Diploma_of_Higher_Education_Business)

[Certificate of Higher Education (Business)](#Certificate_of_Higher_Education_Business)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**15300 FACULTY COUIRSES**

[BA in the Faculty of Humanities and Social Sciences](#BA_Humanities_and_Social_Sciences)

[BA with Honours in (Subject(s))](#BA_with_Honours_in_Subjects)

[BA with Honours in (Subject(s)) with International Study](#BA_Hons_in_Subjects_with_IS)

[BA in Humanities and Social Sciences](#BA_in_Humanities_and_Social_Sciences)

[BA in Humanities and Social Sciences with International Study](#BA_Humanities_and_Social_Sciences_w_IS)

[BA with Honours in Primary Education](#BA_Hons_Primary_Education)

[BA with Honours in Primary Education with International Study](#BA_Honours_in_Primary_Education_with_IS)

**15420 CENTRE FOR LIFELONG LEARNING**

[Open Studies Certificate](#OPEN_STUDIES_CERTIFICATE)

[Open Studies Certificate (Named Pathway)](#Open_Studies_Certificate_Named_Pathway)

[Certificate of Higher Education in Lifelong Learning in Humanities](#Cert_of_HE_in_Lifelong_Learning_Hum)

[Certificate of Higher Education in Lifelong Learning in Creative Arts](#Cert_of_HE_in_Lifelong_Learning_CA)

**15445 SCHOOL OF EDUCATION**

[BA with Honours in Childhood Practice](#BA_with_Hons_in_Childhood_Practise)

[BA in Childhood Practice](#BA_in_Childhood_Practice)

**15441 SCHOOL OF HUMANITIES**

[BA with Honours in Intercultural Communication and Global Business](#BA_Hons_Intercultural_Communication_GB)

[BA in Intercultural Communication and Global Business](#BA_Intercultural_Communication_and_GB)

**15446**  **SCHOOL OF GOVERNMENT AND PUBLIC POLICY**

[BA with Honours in Philosophy, Politics and Economics](#BA_Hons_in_Philosophy_Politics_and_Econ)

[BA with Honours in Philosophy, Politics and Economics with International Study](#BA_Hons_in_Phil_Politics_and_Econ_w_IS)

[BA in Philosophy, Politics and Economics](#BA_in_Philosophy_Politics_and_Economics)

[BA in Philosophy, Politics and Economics with International Study](#BA_Philosophy_Politics_and_Economics_IS)

**15443 SCHOOL OF LAW**

[Bachelor of Laws (LLB) with Honours](#Bachelor_of_Laws_LLB_with_Honours)

[Bachelor of Laws (LLB) Law](#Bachelor_of_Laws_LLB_Law)

Students Admitted to the Course with Advanced Standing with a BSc in Computer Science with Law

[LLB with Honours in Law with a Modern Language](#LLB_Hons_in_Law_with_a_Modern_Language)

[LLB with a Modern Language](#LLB_in_Law_with_a_Modern_Language)

[Bachelor of Laws LLB (Clinical) with Honours](#Bachelor_of_Laws_LLB_Clinical_with_Hons)

[Bachelor of Laws LLB (Clinical)](#Bachelor_of_Laws_LLB_Clinical)

[Bachelor of Laws (LLB) in Scots and English Law with Honours](#LLB_in_Scots_and_English_Law_w_Honours)

[Bachelor of Laws LLB in Scots and English Law](#LLB_in_Scots_and_English_Law)

[LLB in Scots and English Law – Graduate Entry](#LLB_Scots_and_English_Law_Graduate_Entry)

Curriculum (Graduate Entry)

[Bachelor of Laws LLB (Hons) (Clinical) Scots and English Law](#LLB_Hons_Clinical_Scots_and_English_Law)

[Bachelor of Laws LLB (Clinical) Scots and English Law](#LLB_Clinical_Scots_and_English_Law)

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[Bachelor of Laws (LLB) in English Law Studies](#LLB_in_English_Law_Studies)

15418 SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

[BSc with Honours in Sport and Physical Activity](#BSc_Hons_in_Sport_and_Physical_Activity)

[BSc in Sport and Physical Activity](#BSc_in_Sport_and_Physical_Activity)

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[BSc in Psychology and Counselling](#BSc_in_Psychology_and_Counselling)

[BA with Honours in Behavioural Aspects of Commerce](#BA_Hons_in_Behavioural_Aspects_of_Commer)

[BA in Behavioural Aspects of Commerce](#BA_Hons_in_Behavioural_Aspects_of_Commer)

[BSc with Honours in Speech and Language Pathology](#BSc_Hons_in_Speech_and_Language_Path)

[BSc in Human Communication Studies](#BSc_in_Human_Communication_Studies)

**15414 SCHOOL OF SOCIAL WORK AND SOCIAL POLICY**

[BA with Honours in Social Work](#BA_with_Honours_in_Social_Work)

[BA in Applied Social Studies](#BA_in_Applied_Social_Studies)

[BA (Hons) in Education and Social Services](#BA_Hons_in_Education_and_Social_Services)

[BA in Education and Social Services](#BA_in_Education_and_Social_Services)

VALIDATED COURSES

[Diploma of Higher Education in Social Sciences](#Diploma_of_HE_in_Social_Sciences)

[Certificate of Higher Education in Social Sciences](#Certificate_of_HE_in_Social_Sciences)

[ELECTIVE CLASSES](#Elective_Classes)

**FACULTY OF SCIENCE**

**GRADUATE DIPLOMAS**

**12448 DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

[Graduate Diploma in Chemistry](#Graduate_Diploma_in_Chemistry)

[Graduate Diploma in Chemistry with Analytical Chemistry](#Graduate_Diploma_in_Chemistry_with_AC)

[Graduate Diploma in Chemistry with Forensic Chemistry](#Graduate_Diploma_in_Chemistry_with_FC)

[Graduate Diploma in Chemistry with Drug Discovery](#Graduate_Diploma_in_Chemistry_with_DD)

[Graduate Diploma in Chemistry with Applied Chemistry](#Graduate_Diploma_in_Chemistry_Applied_Ch)

**12212 DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

[Graduate Diploma in Computer Science](#Graduate_Diploma_in_Computer_Science)

**12305 DEPARTMENT OF MATHEMATICS**

[Graduate Diploma in Mathematics](#Graduate_Diploma_in_Mathematics)

[Graduate Diploma in Mathematics and Statistics](#Graduate_Diploma_in_Mathematics_and_Stat)

**12424 DEPARTMENT OF PHYSICS**

[Graduate Diploma in Physics](#Graduate_Diploma_in_Physics)

[Graduate Diploma in Physics (Conversion Course)](#Graduate_Diploma_in_Physics_CC)

**12100 STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

[Graduate Diploma in Biochemistry and Immunology](#Graduate_Diploma_in_Biochemistry_Immunol)

[Graduate Diploma in Biochemistry and Microbiology](#Graduate_Diploma_in_Biochemistry_Microbi)

[Graduate Diploma in Biochemistry and Pharmacology](#Graduate_Diploma_in_Biochemistry_Pharmac)

[Graduate Diploma in Immunology and Microbiology](#Graduate_Diploma_in_Immunology_Microbiol)

[Graduate Diploma in Immunology and Pharmacology](#Graduate_Diploma_in_Immunology_Pharmacol)

[Graduate Diploma in Biomedical Science](#Graduate_Diploma_in_Biomedical_Science)

**FACULTY OF ENGINEERING**

**GRADUATE DIPLOMAS**

**11024** **DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

[Graduate Diploma in Civil Engineering](#Graduate_Diploma_in_Civil_Engineering)

**11036 DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

[Graduate Diploma in Electronic and Electrical Engineering](#Graduate_Diploma_in_EEE)

[Graduate Diploma in Information Technology Systems (Conversion Course)](#Graduate_Diploma_in_Inf_Tech_CC)

**11048 DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

[Graduate Diploma in Mechanical and Aerospace Engineering](#Graduate_Diploma_in_MAE)

**11132 DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING**

[Graduate Diploma in Ocean and Marine Engineering](#Graduate_Diploma_in_OME)

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

**GRADUATE DIPLOMAS**

**15445 SCHOOL OF EDUCATION**

[Professional Graduate Diploma in Education (Primary)](#Professional_Grad_Dip_in_Education_Prim)

[Professional Graduate Diploma in Education (Secondary)](#Professional_Grad_Dip_in_Education_Secon)

**15402 SCHOOL OF HUMANITIES**

[Graduate Diploma in English Studies](#Graduate_Diploma_in_English_Studies)

[Graduate Diploma in English for Postgraduate Study](#Graduate_Diploma_in_English_for_PG_Study)

Undergraduate Study

**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 Ordinances 3 and 5 in accordance with the General Regulations:

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 |
| IntegratedMaster 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 including 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 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.

**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 Integrared 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 regulations 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 full course. 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 Ordinances 3 and 5 in accordance with the following Regulation ????

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 Convenership 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 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 Regulation 00001.UG]

12000.UG.1 Curriculum

The curriculum comprises classes selected from the following categories:

Science classes:

**(i)** those classes taught by a department in the Faculty of Science;

and

1. 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

1. 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 60creditsin 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 Regulation 00001.UG.1.43 shall apply.

**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.

**1200.UG.21 to**

**12000.UG.51** **(numbers not used)**

**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 Analytical Chemistry

BSc with Honours in Chemistry with Forensic Chemistry

BSc in Chemistry

BSc in Chemistry with Teaching

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 Regulation 00001.UG]

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

PH 151 Mechanics, Optics and Waves\* 1 20

or

PH 166 Foundation Physics 1 20

or

BM 109 Cells and Their Molecules 1 20

\*Or other approved classes in Physics

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

***BSc with Honours Degree Courses***

Compulsory Classes Level Credits

CH 309 Physical Chemistry 2 3 20

CH 313 Practical Physical, Applied, Forensic and

Analytical Chemistry 3 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***

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

X3 401 Professional Specialisation 1 4 10

X3 402 Educational Perspectives and Policy 1 4 20

X3 403 Creative Contexts for Learning Chemistry

With Science 1 4 40

X3 404 Placement Learning 4 40

X3 405 Principles and Policy in Practice 1 4 10

***BSc Chemistry***

All *BSc Hons Chemistry, Chemistry with Analytical Chemistry,*

*Chemistry with Forensic Chemistry* students shall undertake classes amounting to 120 credits as follows

CH 438 BSc with Honours in Chemistry 4 120

***Forensic Chemistry***

CH 439 BSc with Honours in Chemistry with

Forensic Chemistry 4 120

***Chemistry with Analytical Chemistry***

CH 448 BSc with Honours in Chemistry with

Analytical Chemistry 4 120

***Each of the above classes comprises***

CH 412 Core Chemistry 4 40

CH 436 Honours Project and Dissertation 4 40

CH 437 Career Skills 4 20

together with a class in the relevant subject area

Either

CH 413 Chemistry Specialisation 4 20

or

CH 414 Forensic Chemistry Specialisation 4 20

or

CH 417 Analytical Chemistry Specialisation 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

CH 458 Distance Learning Assignment 4 20

X3 401 Professional Specialisation 1 4 10

X3 402 Educational Perspectives and Policy 1 4 20

X3 403 Creative Contexts for Learning Chemistry

With Science 1 4 40

X3 404 Placement Learning 4 40

X3 405 Principles and Policy in Practice 1 4 10

12448.UG.6 Fifth Year

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

Compulsory Classes Level Credits

***Chemistry***

CH 566 MChem in Chemistry 5 120

***MChem in Chemistry with Teaching***

CH 575 Classes leading to the MChem in

Chemistry with Teaching 5 120

***Forensic and Analytical Chemistry***

CH 567 MChem in Forensic and Analytical

Chemistry 5 120

***Each of the above classes comprises***

CH 552 Core Chemistry 5 40

CH 569 MChem Project and Dissertation 5 40

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 Chemistry, *Chemistry with Forensic Chemistry or Chemistry with Analytical Chemistry* candidate will be awarded 120 Level 4 credits under the class code *CH 438* or *CH 439* or *CH 448* 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 566, CH575* or *CH 567* 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.

**12448.UG.22 to**

**12448.UG.52 (number not used)**

**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 Regulation 00001.UG.]

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 Physcial 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 Physical Chemistry 2 3 20

CH 314 Practical Physical, Applied and

Drug Discovery Chemistry 3 20

CH 315 Practical Organic and Inorganic

Chemistry 3 20

CH 323 Chemical Biology 3 20

CH 325 Intermediate Organic Chemistry and

Spectroscopy 3 20

CH 326 Inorganic Chemistry, Structures and

Spectroscopy 3 20

12448.UG.57 Fourth Year

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

***MChem Drug Discovery***

Compulsory Classes

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

***BSc Drug Discovery***

CH 449 BSc with Honours in Chemistry with Drug

Discovery 4 120

***CH 449 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 568 Chemistry with Drug Discovery 5 120

***CH 568 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 progess 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 courseRegulation 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 fifth year, a candidate will be awarded 120 Level 5 credits under the class code *CH 568*.

**12448.UG.65**  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.66 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.67 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.68 BSc**: In order to qualify for the award of the degree of BSc in Chemistry, Regulation 00001.UG.1.76 shall apply.

**12448.UG.69 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.70 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.71** 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.72** 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).

**12448.UG.73 to**

**12.448.UG.103 (numbers not used)**

**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 Regulation 00001.UG]

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 Basic Principles in Chemical Engineering,

Thermodynamics and Maths Bridging 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 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.11 8 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)**

**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 Regulation 00001.UG]

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 120credits 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 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 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 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 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 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.

**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.

**12212.UG.15 to**

**12212.UG.45 (numbers not used)**

**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 Regulation 00001.UG]

12212.UG.46 Mode of Study

The course is available by full-time study only.

12212.UG.47 Place of Study

The 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

***MEng in Computer Science***

MS 112 Business Analysis and Technology 1 20

*BSc with Honours in Computer Science*

MS 108 Business Analysis &

Technology (Sem 1) 1 10

Elective Class 10

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

***MEng in Computer Science***

MS 211 Managing Business Processes and

Information Systems 2 20

either

CS 212 Topics in Computing 2 2 10

or

CS 215 Combinatorics for Computer Science 2 2 10

*BSc with Honours in Computer Science*

CS 212 Topics in Computing 2 2 10

CS 215 Combinatorics for Computer

Science 2 2 10

Elective Class 10

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

***MEng in Computer Science***

Elective Class(es) 20

And 60 credits chosen from the list of optional classes

*BSc with Honours in Computer Science*

80 credits chosen from from the list of optional classes

Optional Classes

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.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 in the calculation of the final degree classification.

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 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 in the calculation of the final degree classification.

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 third year of either the MEng or Bachelor with Honours degrees 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*.

A student must satisfy UG.1.PY

**12212.UG.57** In order to progress to the fourth year of the Honours 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, 4 and 5.

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.

**12212.UG.66 to**

**12212.UG.96 (number not used)**

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

SOFTWARE ENGINEERING

BSc with Honours in Software Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

12212.UG.97 Status of the Course

This degree is available only as an Honours degree.

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

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

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 in the calculation of the final degree classification.

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 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 to**

**12212.UG.142 (numbers not used)**

**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 Regulation 00001.UG]

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

Third Year

**12212.UG.147** All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

CS 351 Programming 3 (GA) 3 20

CS 352 Software Engineering 3 (GA) 3 20

CS 353 Web and Mobile App Development (GA) 3 20

CS 354 Concurrency and Networks (GA) 3 20

CS 355 Integrated Project 3 (GA) 3 40

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 classeswhich 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 Regulation 0000.1.UG.1.10, these must include no fewer than 100credits 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.

**12212.UG.157 to**

**12212.UG.187 (numbers not used)**

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

MATHEMATICS

MMath in Mathematics

MMath in Mathematics and Statistics

BSc with Honours in Mathematics

BSc with Honours in Mathematics and Statistics

BSc with Honours in Mathematics with Teaching

BSc in Mathematics

BSc in Mathematics with Teaching

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 Regulation 00001.UG]

Curriculum (Full-time study)

12305.UG.1 First Year

All full-time students shall undertake classes amounting to 120credits 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

MM 108 Applying Mathematics 1 1 10

MM 109 Applying Mathematics 2 1 10

Elective Class(es) 20

12305.UG.2 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 203 Applicable Analysis 2 20

MM 204 Probability and Statistical Inference 2 20

MM 205 Introduction to Newtonian Mechanics 2 20

MM 206 Mathematical and Statistical Computing 2 20

12305.UG.3 Third Year

All full-time students shall undertake classes amounting to 120credits as follows

Compulsory Classes

MM 300 Complex Variables and Integral

Transforms 3 20

MM 301 Linear Algebra 3 20

MM 302 Differential Equations 3 20

Optional Classes\*

For Integrated Masters and Honours students 60 credits chosen from List A or another class approved by the Course Director. For Bachelor students 60 credits from Lists A and B.

**List A**

MM 303 Applicable Analysis 2 3 20

MM 304 Inference and Regression Modelling 3 20

MM 305 Mechanics of Rigid Bodies and Fluids 3 20

MM 306 Numerical Analysis 3 20

MM 307 Stochastics and Financial Econometrics 3 20

**List B**

Classes in Regulation 12305.UG.2 not previously taken or further Elective Classes.

\*Students intending to follow either an Integrated Masters or Honours degree in Mathematics and Statistics must take *MM 304 Inference and Regression Modelling* and *MM 307 Stochastics and Financial Econometrics.*

***Mathematics with Teaching***

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MM 301 Linear Algebra 3 20

MM 302 Differential Equations 3 20

X3 466 Creative Contexts for Learning

Mathematics 1A 4 20

X3 470 Placement Learning 1 4 20

X3 402 Educational Perspectives and Policies 4 20

Optional Classes

No fewer than 20 credits chosen from the following list or another class approved by the Course Director.

MM 300 Complex Variables and Integral

Transforms 3 20

MM 303 Applicable Analysis 2 3 20

MM 304 Inference and Regression Modelling 3 20

MM 305 Mechanics of Rigid Bodies and Fluids 3 20

MM 306 Numerical Analysis 3 20

MM 307 Stochastics and Financial Econometrics 3 20

Note that Education classes may run before the start of Semester 1, during the January Consolidation and Development week and after the Semester 2 exams.

12305.UG.4 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

***Mathematics***

MM 400 Mathematics 4 120

***MM 400 Mathematics comprises***

MM 401 Communicating Mathematics and

Statistics 4 20

and classes amounting to 100 credits chosen from lists A and B below

***Mathematics and Statistics***

MM 410 Mathematics and Statistics 4 120

***MM 410 Mathematics and Statistics comprises***

MM 401 Communicating Mathematics

and Statistics 4 20

and Optional classes amounting to 100 credits chosen so that the curriculum contains no fewer than 60 credits from List A and 40 credits 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

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 Approximations 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.

***Mathematics with Teaching***

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MM 441 Mathematics with Teaching\* 4 60

MM 415 Medical Statistics 4 20

X3 467 Creative Contexts for Learning

Mathematics 1B 4 20

X3 471 Placement Learning 2 4 20

X3 401 Professional Specialisation 1 4 10

X3 405 Principles and Policy in Practice 1 4 10

Note that Education classes may run before the start of Semester 1 and during the January Consolidation and Development week.

***\* MM 441 Mathematics with Teaching comprises 60 credits of classes chosen from the list below:***

Optional Classes \*\*

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.

12305.UG.5 Fifth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

***Mathematics***

MM 500 Mathematics 5 120

***MM 500 Mathematics comprises a Project and Level 5 classes chosen from the lists below***

Compulsory Class

MM 501 Project 5 40

in Mathematics and classes amounting to 80 credits chosen from the list below

***Mathematics and Statistics***

MM 510 Mathematics and Statistics 5 120

***MM 510 Mathematics and Statistics comprises***

MM 501 Project 5 40

in Statistics and classes amounting to 80 credits chosen from the list

below

Optional Classes\*\*\*

MM 502 Modelling and Simulation with

Applications to Financial Derivatives 5 20

MM 503 Applicable Analysis 3 5 20

MM 504 Statistical Modelling and Analysis 5 20

MM 505 Fluids and Waves 5 20

MM 506 Finite Element Methods for Boundary

Value Problems and Approximation 5 20

MM 507 Applied Statistics in Society 5 20

MM 508 Mathematical Biology and Marine

Population Modelling 5 20

MM 509 Mathematical Introduction to Networks 5 20

MM 511 Elasticity and Complex Materials 5 20

MM 512 Optimization: Theory and Practice 5 20

MM 513 Statistical Mechanics 5 20

MM 514 Dynamical Models in Epidemiology 5 20

MM 515 Topics in Applied Analysis 5 20

MM 516 Topics in Applied Statistics 5 20

MM 517 Topics in Applied Mathematics 5 20

MM 518 Topics in Numerical Analysis 5 20

MM 519 Topics in Biological and Ecological

Modelling 5 20

MM 909 Medical Statistics 5 20

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

12305.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

**12305.UG.7** To progress to the second year of either the MMath or Bachelor with Honours degrees in addition to satisfying the requirements of Regulation 00001.UG.1.43 students must gain passes in *MM 101 Introduction to Calculus* and *MM 102 Applications of Calculus*.

**12305.UG.8** To progress to second year of the Bachelor degree regulation 00001.UG.1.43 shall apply.

**12305.UG.9** To progress to third year of either the MMath or Bachelor with Honours degrees in addition to satisfying the requirements of Regulation 0001.UG.1.44 students must gain passes in in *MM201 Linear Algebra and Differential Equations* and *MM202 Advanced Calculus*.

**12305.UG.10** To progress to third year of the Bachelor degree Regulation 00001.UG.1.45

**12305.UG.11** To progress to fourth year of either the MMath or Bachelor with Honours Regulation 00001.UG.1.45

**12305.UG.12** To progress to fifth year of the MMath degrees Regulation 00001.UG.1.46

Progress (Part-time study)

**12305.UG.13**  Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply.

Final Assessment and Classification

**12305.UG.14** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 400 Mathematics* or *MM410 Mathematics and Statistics*.

**12305.UG.15**  On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the class code *MM 500 Mathematics* or the class code *MM 510 Mathematics and Statistics*.

**12305.UG.16** 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 classes at Levels 4 and 5 taken in the fourth and fifth years.

**12305.UG.17**  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 classes at Levels 3 and 4 taken in the third and fourth years.

Award

12305.UG.18 MMath in Mathematics, MMath in Mathematics and Statistics: Regulation 00001.UG.1.74 shall apply

12305.UG.19 BSc with Honours in Mathematics, BSc with Honours in Mathematics and Statistics: Regulation 00001.UG.1.75 shall apply.

**12305.UG.20** **BSc with Honours in Mathematics with Teaching:** In order to qualify for the award of the degree of BSc with Honours inMathematics with Teaching a candidate must have accumulated no fewer than 480 credits from the course curriculum. Notwithstanding Regulation 00001.UG.1.75, these must include

(i) the credits for all the compulsory Level 4 Education classes taken individually;

(ii) no fewer than 200 credits at Levels 3 and 4 with at least 160 credits at Level 4.

12305.UG.21 BSc in Mathematics Regulation 00001.UG.1.76 shall apply.

**12305.UG.22** **BSc in Mathematics with Teaching:** In order to qualify for the award of the degree of BSc in Mathematics with Teaching a candidate must have accumulated no fewer than 420 credits from the course curriculum including the credits for all the compulsory Level 4 Education classes.

**12305.UG.23 Diploma of Higher Education in Mathematical Studies**: Regulation 00001.UG.1.77 shall apply.

12305.UG.24 Certificate of Higher Education in Mathematical Studies: Regulation 00001.UG.1.78 shall apply.

12305.UG.25 to

12305.UG.53 (numbers not used)

**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 Regulation 00001.UG]

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 130credits 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 amounting to 120 credits as follows

Compulsory Classes

CS 308 Building Software Systems 3 20

MM 301 Linear Algebra 3 20

MM 302 Differential Equations 3 20

Elective Class(es) 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 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

**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 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 shall apply.

In order to progress to the third year of the Honours course in addition to satisfying the requirements of Regulation 00001.UG.1.44 a student must also gain passes in the following class: *MM 201 Linear Algebra and Differential Equations.*

**12305.UG.61** In order to progress to the third year of the Bachelors course Regulation 00001.UG.1.44 shall apply.

**12305.UG.62** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

Final Assessment and Classification

**12305.UG.63** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *MM 420*.

**12305.UG.64** The final classification for the degree of BSc with Honours in Mathematics and Computer Sciencewill 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.65 BSc with Honours**: In order to qualify for the award of the degree ofBSc with Honours in Mathematics and Computer Science Regulation 00001.UG.1.75 shall apply.

**12305.UG.66** **BSc:** In order to qualify for the award of the degree of BSc in Mathematics and Computer Science Regulation 00001.UG.1.76 shall apply.

**12305.UG.67 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education inMathematics and Computer Science Regulation 00001.UG.1.77 shall apply.

**12305.UG.68**  **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 shall apply.

**12305.UG.69 to**

**12305.UG.99 (number not used)**

**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 Regulation 00001.UG]

Curriculum (Full-time study)

12305.UG.100 First Year

All full-time students shall undertake classes amounting to 120credits 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 150 Experimental Physics 1 20

PH 151 Mechanics, Optics and Waves 1 20

PH 152 Quantum Physics and

Electromagnetism 1 20

12305.UG.101 Second Year

All full-time students shall undertake classes amounting to 130 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 251 Mechanics, Optics and Waves 2 20

PH 252 Quantum Physics and

Electromagnetism 2 20

PH 258 Condensed Matter Physics 2 10

PH 259 Gases and Liquids 2 10

Elective Class 10

12305.UG.102 Third Year

All full-time students shall undertake classes amounting to 120credits as follows

Compulsory Classes

MM 300 Complex Variables and Integral

Transforms 3 20

MM 302 Differential Equations 3 20

PH 352 Quantum Physics and

Electromagnetism 3 20

PH 358 Condensed Matter Physics 3 10

PH 359 Statistical Physics 3 10

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 305 Mechanics of Rigid Bodies and Fluids 3 20

MM 306 Numerical Analysis 3 20

PH 355 Physics Skills 3 20

**List B**

PH 254 Computational Physics 2 20

Classes listed in Regulations 12305.UG.1 and 12305.UG.2 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 Applied Statistics in Society 4 20

MM 408 Mathematical Biology and

Marine PopulationModelling 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**

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 Complex Systems In Physics 4 20

PH 457 Topics in Theoretical Physics 4 20

PH 458 Topics in Quantum 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.

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 ofBSc 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 inMathematics 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.

**12305.UG.117 to**

**12305.UG.147 (numbers not used)**

**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 Regulation 00001.UG]

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 Accountingis 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 120credits 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

MM 206 Mathematical and Statistical Computing 2 20

12305.UG.152 Third Year

All students shall undertake classes amounting to 120credits 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; 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

M9 117 Business Law 1 20

**List C**

Classes in Regulations 12305.UG.2, 12305.UG.3 and 12305.UG.143 not previously taken or further Elective Classes.

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 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 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 in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also gain a pass in the following classes: *AG 309 Governing and Accounting Ethics, AG 308 Auditing and Assurance, AG 310 Advanced Financial Reporting and AG 311 Contemporary Management Accounting.*

**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 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 shall apply and and must *AG 218 Intermediate Financial Reporting, AG 219 Cost and Management Accounting, AG 309 Governance and Accounting Ethics, AG 308 Auditing and Assurance, AG 310 Advanced Financial Reporting and AG 311 Contemporary Management Accounting.*

**12350.UG.163 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education inMathematical Studies*,* Regulation 00001.UG.1.77 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 shall apply.

**12305.UG.165 to**

**12305.UG.195 (numbers not used)**

**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 Regulation 00001.UG]

Curriculum (Full-time study)

12305.UG.196 First Year

All full-time students shall undertake classes amounting to 120credits 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 120 credits as follows

Compulsory Classes

EC 215 Intermediate Microeconomics 2 20

EC 216 Intermediate Macroeconomics

and Data 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.198 Third Year

All full-time students shall undertake classes amounting to 120credits as follows

Compulsory Classes

EC 315 Topics in Mircoeconomics with

Cross Section Econometrics 3 20

EC 316 Topics in Macreconomics

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.2, 12305.UG.3 and 12305.UG.184 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 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**

EC 412 Industrial Economics 4 20

EC 413 Applied Economics 4 20

EC 415 Behavioural Economics 4 20

EC 416 Natural Resource and Environmental

and Energy Economics 4 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 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 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 in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also gain 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 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 Economicswill 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 ofBSc with Honours in Mathematics, Statistics and Economics Regulation 00001.UG.1.75 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 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 inMathematical Studies Regulation 00001.UG.1.77 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 shall apply.

**12305.UG.213 to**

**12305.UG.243 (numbers not used)**

**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 Regulation 00001.UG]

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 120credits 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.2 and 12305.UG.3 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 that 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 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

**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 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 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 in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also gain 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 ofBSc with Honours in Mathematics, Statistics and Finance Regulation 00001.UG.1.75. 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 shall apply and and must *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 MathematicalStudies Regulation 00001.UG.1.77 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 shall apply.

**12305.UG.260 to**

**12305.UG.290 (numbers not used)**

# 

**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 Regulation 00001.UG]

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 120credits 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 120credits 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 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 20

MM 307 Stochastics and Financial Econometrics 3 20

**List B**

Classes in Regulations 12305.UG.2 and 12305.UG.3 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 Businsess 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 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**

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 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 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 in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also gain 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 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 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 inMathematical Studies Regulation 00001.UG.1.77 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 shall apply.

**12305.UG.307 to**

**12305.UG.337 (numbers not used)**

**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 Regulation 00001.UG]

**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.1 and 12305.UG.2 not previously taken or further Elective Classes.

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

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 411 Theory of Computation 4 20

CS 412 Information Mining and Access 4 20

CS 410 Advanced Functional Programming 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.

In order to progress to the third year of the Honours course Regulation 00001.UG.1.44 shall apply.

**12305.UG.345** In order to progress to the third year of the Bachelors course Regulation 00001.UG.1.44 shall apply.

**12305.UG.346** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**Final Assessment and Classification**

**12305.UG.347** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code MM490.

**12305.UG.348** 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.349 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 shall apply.

**12305.UG.350 BSc:** In order to qualify for the award of the degree of BSc in Data Analytics Regulation 00001.UG.1.76 shall apply.

**12305.UG.351 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 shall apply.

**12305.UG.352 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 shall apply.

**12305.UG.353 to**

**12305.UG.383 (numbers not used)**

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 Industrial Placement

BSc with Honours in Physics with International Placement

BSc in Physics

BSc in Physics with Teaching

Diploma of Higher Education in Physics

Certificate of Higher Education in Physics

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

12424.UG.1 Credit Transfer and Recognition of Prior Learning

Regulations 00001.UG.1.1 and 00001.UG.1.2 shall apply.

In addition, direct entry to year 4 of the course may be granted to applicants who possess

**(i)** a first cycle Bologna degree in Physics meeting an approved standard of performance with regard to level of study and academic attainment; or

**(ii)** a qualification deemed by the Head of Department (or nominee) to be equivalent to (i) above; and

**(iii)** 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 250 Experimental Physics 2 20

PH 251 Mechanics, Optics and Waves 2 20

PH 254 Computational Physics 2 20

PH 258 Condensed Matter Physics 2 10

PH 259 Gases and Liquids 2 10

**For intending Integrated Masters and Honours students**

Compulsory Classes

MM 211 Mathematics 3B 2 20

PH 252 Quantum Physics and

Electromagnetism 2 20

**For intending Bachelor students**

Compulsory Classes

PH 257 Interactive Physics 2 20

and 20 credits chosen from Regulation 12424.UG.10 or such other classes as may be approved by the Adviser of Study

12424.UG.5 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

PH 350 Experimental Physics 3 40

PH 355 Physics Skills 3 20

PH 358 Condensed Matter Physics 3 10

PH 359 Statistical Physics 3 10

and

**For intending Integrated Masters students**

Compulsory Classes

PH 351 Mathematics 4B 3 20

PH 352 Quantum Physics and

Electromagnetism 3 20

**For intending Honours students**

Either

PH 351 Mathematics 4B 3 20

PH 352 Quantum Physics

and Electromagnetism 3 20

Or

MM 211 Mathematics 3B 2 20

PH 252 Quantum Physics and

Electromagnetism 2 20

**For intending Bachelor students**

either

PH 357 Interactive Physics 3 20

and 20 credits chosen from Regulation 12424.UG.10 or such other classes as may be approved by the Adviser of Study

Or

MM 211 Mathematics 3B 2 20

PH 252 Quantum Physics and

Electromagnetism 2 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 on the MPhys degree 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 352 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

X3 469 Creative Contexts For Learning

Physics 1B 4 20

X3 471 Placement Learning 2 4 20

X3 401 Professional Specialisation 1 4 10

X3 405 Principles and Policy in Practice 1 4 10

Optional Classes

Either

PH 450 Project 4 40

And 20 credits chosen from the optional Level 4 classes listed in Regulation 12424.UG.10 or as approved by the Course Director.

Or

PH 461 Physics with Teaching Project 4 20

And 40 credits chosen from the optional Level 4 classes listed in Regulation 12424.UG.10 or as approved by the Course Director.

**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 164 Physics In the Open Air 1 10

PH 165 Engineering Physics 1 10

PH 166 Foundation Physics 1 20

PH 167 Physical Electronics 1 10

PH 168 Foundation Physics A 1 10

PH 169 Foundation Physics B 1 10

PH 351 Mathematics 4B 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 Computional and Complex

Systems in Physics 4 20

PH 457 Topics in Theoretical Physics 4 20

PH 458 Topics in Quantum 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.

12424.UG.13 To progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

12424.UG.14 To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

12424.UG.15 To progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

Progress (Part-time study)

**12424.UG.16** Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply.

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 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 order to qualify for the award of the degree ofMPhys in Physics, Regulation 00001.UG.1.74 shall apply.

**12424.UG.21**  **MPhys with Specialisation in …:** . In addition to the requirements of Regulation Regulation 00001.UG.1.74, 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 specialisationtogether with *PH 450 Project* and *PH 550 Project* in an area related to the specialisation.

**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 shall apply and must include either PH 497 or PH 598.

**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 shall apply and must include either *PH 497 International Placement or PH 597 International Placement.*

**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.

**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 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 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 inPhysics with Teaching a candidate must have accumulated no fewer than 480 credits from the course curriculum. Notwithstanding Regulation 00001.UG.1.75, these must include

(i) the credits for all the compulsory Level 4 Education classes taken individually;

(ii) no fewer than 200 credits at Levels 3 and 4 with at least 160 credits at Level 4.

**12424.UG.28**  **BSc in Physics with Teaching:** In order to qualify for the award of the degree of BSc in Physics with Teaching a candidate must have accumulated no fewer than 420 credits from the course curriculum including the credits for all the compulsory Level 4 Education classes.

**12424.UG.29 BSc:** In order to qualify for the award of the degree of BSc in Physics Regulation 00001.UG.1.76 shall apply.

**12424.UG.30 Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education inPhysics Regulation 00001.UG.1.77 shall apply

**12424.UG.31 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.

**Transfer**

**12424.UG.32** Regulation 00001.UG.1.46 shall apply.

**12424.UG.33 to**

**12424.UG.63 (numbers not used)**

DEPARTMENT OF PHYSICS

**PHYSICS WITH ADVANCED RESEARCH**

MPhys in Physics with Advanced Research

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

12424.UG.64 Credit Transfer and Recognition of Prior Learning

Regulations 00001.UG.1.1 and 00001.UG.1.2 shall apply

In addition, direct entry to year 4 of the course may be granted to applicants who possess

**(i)** a first cycle Bologna degree in Physics meeting an approved standard of performance with regard to level of study and academic attainment; or

**(ii)** a qualification deemed by the Head of Department (or nominee) to be equivalent to (i) above; and

**(iii)** 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 120credits 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

MM 201 Linear Algebra and Differential

Equations 2 20

MM 202 Advanced Calculus 2 20

PH 250 Experimental Physics 2 20

PH 271 Mechanics, Optics and Waves 2 20

PH 272 Quantum Physics and

Electromagnetism 2 20

PH 278 Condensed Matter Physics 2 10

PH 279 Gases and Liquids 2 10

12424.UG.68 Third Year

All full-time students shall undertake classes amounting to 120credits as follows

Compulsory Classes

MM 300 Complex Variables and Integral

Transforms 3 20

MM 302 Differential Equations 3 20

PH 350 Experimental Physics 3 40

PH 372 Quantum Physics and

Electromagnetism 3 20

PH 378 Condensed Matter Physics 3 10

PH 379 Statistical Physics 3 10

**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 shall apply.

12424.UG.75 To progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

12424.UG.76 To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

12424.UG.77 To progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

Progress (Part-time study)

**12424.UG.78** Regulations 00001.UG.1.49 and 00001.UG.1.50 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 the degree in MPhys in Physics with Advanced Research will be classified in accordance with Regulation 0001.UG.1.55.

Award

**12424.UG.81**  **MPhys in Physics with Advanced Research**: Notwithstanding Regulation 00001.UG.1.76 in order to qualify for the award of the degree ofMPhys in Physics with Advanced Research, a candidate must have accumulated no fewer than 640 credits from the course curriculum.

**Transfer**

**12424.UG.82** Regulation 00001.UG.1.46 shall apply.

**12424.UG.83 to**

**12424.UG.113 (numbers not used)**

**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 Regulation 00001.UG.1]

**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 Biomedical Biochemistry 3 20

***Immunology***

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 Applied Biochemistry 4 20

***Immunology***

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 510 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**

A student who fails to satisfy the progress or award requirements for the degree of MSci may be transferred to the BSc with Honours in an appropriate Joint Honours combination of subjects based on 3rd and 4th Year options.

12100.UG.17 to

12100.UG.47 (numbers not used)

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES (Original Course, pre 2016/17)

**BSc with Honours in Biochemistry and Immunology**

**BSc with Honours in Biochemistry and Microbiology**

**BSc with Honours in Biochemistry and Pharmacology**

**BSc with Honours in Immunology and Microbiology**

**BSc with Honours in Immunology and Pharmacology**

**BSc with Honours in Biomedical Science**

**BSc with Honours in Biomolecular Science**

**BSc in Biological Sciences  
Diploma of Higher Education in Biological Sciences**

**Certificate of Higher Education in Biological Sciences**

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

Curriculum (Full-time study)

12100.UG.48 First Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BM 101 Foundation Bioscience and Statistics 1 20

BM 102 Molecular Bioscience 1 20

BM 103 Biology of Organisms 1 20

BM 104 Practical Bioscience and Skills

Development 1 1 20

CH 105 Chemistry for Bioscience 1 20

Elective Class(es) 20

12100.UG.49 Second Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BM 201 Introduction to Infection and Immunity 2 20

BM 202 Nutritional Biochemistry and Metabolism 2 20

BM 203 Cell and Molecular Biology 2 20

BM 204 Practical Bioscience and Skills

Development 2 2 20

BM 205 Human Physiology 2 20

CH 201 Bio-organic Chemistry 2 20

12100.UG.50 Third Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 310 Laboratory Methods and Skills

Development 3 40

together with classes appropriate to the chosen course

***Biochemistry and Immunology***

Compulsory Classes

BM 301 Fundamental Immunology 3 20

BM 302 Intermediate Immunology 3 20

BM 305 Clinical Biochemistry and

Molecular Genetics 3 20

BM 306 Proteins and Enzymes 3 20

***Biochemistry and Microbiology***

Compulsory Classes

BM 303 Fundamental Microbiology 3 20

BM 304 Intermediate Microbiology 3 20

BM 305 Clinical Biochemistry and Molecular

Genetics 3 20

BM 306 Proteins and Enzymes 3 20

***Biochemistry and Pharmacology***

Compulsory Classes

BM 305 Clinical Biochemistry and Molecular

Genetics 3 20

BM 306 Proteins and Enzymes 3 20

BM 307 Fundamentals of Pharmacology 3 20

BM 308 Drugs and Disease 1 3 20

***Biological Sciences***

Optional Classes

80 credits chosen from the classes listed in this Regulation.

***Biomedical Science***

Compulsory Classes

BM 301 Fundamental Immunology 3 20

BM 303 Fundamental Microbiology 3 20

BM 305 Clinical Biochemistry & Molecular

Genetics 3 20

BM 309 Haematology, Immunohaematology and  
 Immunodiagnostics 3 20

***Immunology and Microbiology***

Compulsory Classes

BM 301 Fundamental Immunology 3 20

BM 302 Intermediate Immunology 3 20

BM 303 Fundamental Microbiology 3 20

BM 304 Intermediate Microbiology 3 20

***Immunology and Pharmacology***

Compulsory Classes

BM 301 Fundamental Immunology 3 20

BM 302 Intermediate Immunology 3 20

BM 307 Fundamentals of Pharmacology 3 20

BM 308 Drugs and Disease 1 3 20

12100.UG.51 Fourth Year

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 499 Composite Mark for Honours Curriculum 4 120

***BM 499* comprises**

Compulsory Class

BM 401 Research in Biomedical Sciences 4 40

together with classes appropriate to the chosen course

***Biochemistry and Immunology***

Compulsory Classes

BM 402 Honours Immunology 1 4 20

BM 403 Honours Immunology 2 4 20

BM 406 Honours Biochemistry 1 4 20

BM 407 Honours Biochemistry 2 4 20

***Biochemistry and Microbiology***

Compulsory Classes

BM 404 Honours Microbiology 1 4 20

BM 405 Honours Microbiology 2 4 20

BM 406 Honours Biochemistry 1 4 20

BM 407 Honours Biochemistry 2 4 20

***Biochemistry and Pharmacology***

Compulsory Classes

BM 406 Honours Biochemistry 1 4 20

BM 407 Honours Biochemistry 2 4 20

BM 408 Honours Pharmacology 1 4 20

BM 409 Honours Pharmacology 2 4 20

***Biomedical Science***

Compulsory Class

BM 403 Honours Immunology 2 4 20

BM 404 Honours Microbiology 1 4 20

BM 407 Honours Biochemistry 2 4 20

BM 410 Molecular and Cellular Pathology 4 20

***Immunology and Microbiology***

Compulsory Classes

BM 402 Honours Immunology 1 4 20

BM 403 Honours Immunology 2 4 20

BM 404 Honours Microbiology 1 4 20

BM 405 Honours Microbiology 2 4 20

***Immunology and Pharmacology***

Compulsory Classes

BM 402 Honours Immunology 1 4 20

BM 403 Honours Immunology 2 4 20

BM 408 Honours Pharmacology 1 4 20

BM 409 Honours Pharmacology 2 4 20

12100.UG.52 Curriculum (Part-time study)

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)

**12100.UG.53** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.54** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.55** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**12100.UG.56**  **Progress (Part-time study)**

Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply.

**Final Assessment and Honours Classification**

**12100.UG.57** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *BM 499*.

**12100.UG.58** The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes in the third and fourth years.

**Award**

**12100.UG.59**  **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.60** **BSc:** In order to qualify for the award of the BSc in Biological Sciences Regulation 00001.UG.1.76 shall apply.

**12100.UG.61**  **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.62 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.

**12100.UG.63 to**

**12100.UG.93 (numbers not used)**

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**BIOMEDICAL SCIENCES (Course with effect from 2016/17)**

**BSc with Honours in Biochemistry and Immunology**

**BSc with Honours in Biochemistry and Microbiology**

**BSc with Honours in Biochemistry and Pharmacology**

**BSc with Honours in Immunology and Microbiology**

**BSc with Honours in Immunology and Pharmacology**

**BSc with Honours in Microbiology and Pharmacology**

**BSc with Honours in Biomedical Science**

**BSc with Honours in Pharmacology**

**BSc with Honours in Immunology**

**BSc with Honours in Biochemistry**

**BSc with Honours in Microbiology**

**BSc with Honours in Biomolecular Science**

**BSc in Biological Sciences  
 Diploma of Higher Education in Biological Sciences**

**Certificate of Higher Education in Biological Sciences**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.UG]

**Curriculum (Full-time study)**

**12100.UG.94 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.95**  **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.96**  **Third Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 327 Being a Biomolecular Scientist 3 3 40

together with classes appropriate to the chosen course

***Biochemistry and Immunology***

Compulsory Classes

BM 325 Fundamental Immunology 3 20

BM 323 Biomedical Immunology 3 20

BM 326 Fundamental Biochemistry 3 20

BM 321 Biomedical Biochemistry 3 20

***Biochemistry and Microbiology***

Compulsory Classes

BM 330 Fundamental Microbiology 3 20

BM 329 Biomedical Microbiology 3 20

BM 326 Fundamental Biochemistry 3 20

BM 321 Biomedical Biochemistry 3 20

***Biochemistry and Pharmacology***

Compulsory Classes

BM 324 Fundamental Pharmacology 3 20

BM 322 Biomedical Pharmacology 3 20

BM 326 Fundamental Biochemistry 3 20

BM 321 Biomedical Biochemistry 3 20

***Microbiology and Pharmacology***

Compulsory Classes

BM 324 Fundamental Pharmacology 3 20

BM 322 Biomedical Pharmacology 3 20

BM 330 Fundamental Microbiology 3 20

BM 329 Biomedical Microbiology 3 20

***Biological Sciences and Biomolecular Sciences***

Optional Classes

80 credits chosen from the classes listed in this Regulation.

***Biomedical Science***

Compulsory Classes

BM 329 Biomedical Microbiology 3 20

BM 325 Fundamental Immunology 3 20

BM 321 Biomedical Biochemistry 3 20

BM 328 Fundamental Biomedical Science:

Haematology and Immunodiagnostics 3 20

***Immunology and Microbiology***

Compulsory Classes

BM 325 Fundamental Immunology 3 20

BM 323 Biomedical Immunology 3 20

BM 330 Fundamental Microbiology 3 20

BM 329 Biomedical Microbiology 3 20

***Immunology and Pharmacology***

Compulsory Classes

BM 325 Fundamental Immunology 3 20

BM 323 Biomedical Immunology 3 20

BM 324 Fundamental Pharmacology 3 20

BM 322 Biomedical Pharmacology 3 20

***Pharmacology***

Compulsory Classes

BM 324 Fundamental Pharmacology 3 20

BM 322 Biomedical Pharmacology 3 20

Optional Classes

40 credits chosen from the classes listed in this Regulation

***Immunology***

Compulsory Classes

BM 325 Fundamental Immunology 3 20

BM 323 Biomedical Immunology 3 20

Optional Classes

40 credits chosen from the classes listed in this Regulation

***Biochemistry***

Compulsory Classes

BM 326 Fundamental Biochemistry 3 20

BM 321 Biomedical Biochemistry 3 20

Optional Classes

40 credits chosen from the classes listed in this Regulation

***Microbiology***

Compulsory Classes

BM 330 Fundamental Microbiology 3 20

BM 329 Biomedical Microbiology 3 20

Optional Classes

40 credits chosen from the classes listed in this Regulation

**12100.UG.97**  **Fourth Year**

All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 499 Composite Mark for Honours Curriculum 4 120

A 3rd year pass is required in the discipline from which the optional class is chosen.

*BM 499* comprises

Compulsory Class

BM 432 Being a Biomolecular Scientist 4 (40 credits) together with classes appropriate to the chosen course

***Biochemistry and Immunology***

Compulsory Classes

BM 426 Clinical Immunology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 427 Advanced Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Biochemistry and Microbiology***

Compulsory Classes

BM 425 Advanced Microbiology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Biochemistry and Pharmacology***

Compulsory Classes

BM 429 Advanced Pharmacology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Microbiology and Pharmacology***

Compulsory Classes

BM 429 Advanced Pharmacology 4 20

BM 425 Advanced Microbiology 4 20

20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

***Biomedical Science***

Compulsory Class

BM 426 Clinical Immunology 4 20

BM 423 Clinical Biochemistry 4 20

BM 424 Clinical Microbiology 4 20

BM 422 Advanced Biomedical Science:

Cellular and Molecular Pathology 4 20

***Immunology and Microbiology***

Compulsory Classes

BM 426 Clinical Immunology 4 20

BM 425 Advanced Microbiology 4 20

20 credits from the following classes

BM 427 Advanced Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

***Immunology and Pharmacology***

Compulsory Classes

BM 426 Clinical Immunology 4 20

BM 429 Advanced Pharmacology 4 20

20 credits from the following classes

BM 427 Advanced Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

***Immunology***

Compulsory Classes

BM 427 Advanced Immunology 4 20

BM 426 Clinical Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Pharmacology***

BM 429 Advanced Pharmacology 4 20

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Biochemistr****y*

BM 430 Advanced Biochemistry 4 20

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Microbiology***

BM 425 Advanced Microbiology 4 20

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Biomolecular Sciences***

Optional Classes

80 credits chosen from the classes listed in this Regulation

**12100.UG.98 Curriculum (Part-time study)**

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)**

**12100.UG.99** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**12100.UG.100** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12100.UG.101** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**Progress (Part-time study)**

**12100.UG.102** Regulations UG.1.49 and UG.1.50 shall apply.

**Final Assessment and Honours Classification**

**12100.UG.103** On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the class code *BM 499*.

**12100.UG.104** The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional classes in the third and fourth years.

**Award**

**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.

**12100.UG.109 to**

**12100.UG.139 (numbers not used)**

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 Regulation 00001.UG]

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

20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied 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.

**12100.UG.152 to**

**12100.UG.182 (numbers not used)**

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 follows

Elective Class(es) 20

Optional Classes

100 credits chosen from Level Credits

13 163 Foundation Chemistry for Pharmacists 1 20

MM 110 Mathematics 1P 1 10

MP 100 Foundation Pharmacy 1 20

MP 101 Human Physiology 1 2 20

MP 102 Bioscience for Pharmacists 1 20

MP 103 Biopharmacy 1 1 20

MP 104 Human Physiology 2 2 20

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

12100.UG.185 Second Year

All students shall undertake classes amounting to 120 credits chosen from

Optional Classes

MM 210 Statistics 1P 2 10

MP 200 Physical Pharmacy 2 20

MP 201 Health Promotion 2 20

MP 202 Pharmaceutical Microbiology 2 20

MP 204 Biopharmacy 2 2 20

MP 308 Fundamentals of Pharmacology 3 20

MP 309 Drugs and Disease 1 3 20

MP 310 Pharmacy Practice 1 3 20

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

12100.UG.186 Third Year

All students shall undertake classes amounting to 120 credits chosen from

Optional Classes

BM 311 Practical Bioscience and Skills

Development 3 3 20

MP 300 Pharmacy Practice 2 3 20

MP 301 Biopharmacy 3 3 20

MP 305 Biopharmacy 4 3 20

MP 408 Formulation, Manufacturing and Testing 1 4 20

MP 409 Formulation, Manufacturing and Testing 2 4 20

MP 410 Drugs and Disease 2 4 10

MP 411 Drugs and Disease 3 4 20

MP 510 Pharmacy Practice 3 5 20

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

12100.UG.187 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BM 401 Research in Biomedical Sciences 4 40

BM 408 Honours Pharmacology 1 4 20

MP 406 Advanced Drug Discovery 4 10

MP 424 Bench to Bedside 4 40

Optional Classes

Such classes as may be approved by the Course Director.

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 Scienceswill 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 (with Honours)

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

**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

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.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

MP 423 Management of patients with

co-morbidities 4 40

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 521 Evidence based medicine 5 40

MP 520 Being a pharmacist 4 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.

**12100.UG.244 to**

**12100.UG.274 (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 Regulation 00001.UG]

**12100.UG.275** **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 423 Management of patients with

co-morbidities 4 40

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 521 Evidence based medicine 5 40

MP 520 Being a pharmacist 4 5 40

12100.UG.284 Final Classification

The final classification for the degree of MPharmwill 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 shall apply

**12100.UG.286 to**

**12100.UG.316 (numbers not used)**

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOSCIENCE WITH TEACHING

BSc with Honours in Bioscience with Teaching

BSc in Bioscience with Teaching

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

12100.UG.317 Status of the Courses

The courses are offered at degree level only, as four year (full-time) courses. All students are admitted in the first instance as Honours students. Transfer to a BSc degree in Biological Sciences or in Biomedical Sciences is possible at any time, subject to satisfying the appropriate progress regulations.

12100.UG.318 Mode of Study

The courses are available by full-time study only.

12100.UG.319 Place of Study

The School Experience classes will involve placements in schools.

Curriculum

12100.UG.320 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BM 101 Foundation Bioscience and Statistics 1 20

BM 102 Molecular Bioscience 1 20

BM 103 Biology of Organisms 1 20

BM 104 Practical Bioscience and Skills

Development 1 1 20

CH 105 Chemistry for Bioscience 1 20

Elective Classes 20

12100.UG.321 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BM 201 Introduction to Infection and Immunity 2 20

BM 202 Nutritional Biochemistry and Metabolism 2 20

BM 203 Cell and Molecular Biology 2 20

BM 204 Practical Bioscience and Skills

Development 2 2 20

BM 205 Human Physiology 2 20

CH 201 Bio-organic Chemistry 2 20

12100.UG.322 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BM 303 Fundamental Microbiology 3 20

BM 305 Clinical Biochemistry and Molecular Genetics 3 20

BM 306 Proteins and Enzymes 3 20

BM 311 Practical Bioscience and Skills

Development 3 3 20

X9 406 Pedagogy and Placement Learning 1\* 4 20

X9 606 Pedagogy and Curriculum Biology

with Science 1 4 20

\*Induction Block (10 days), Serial Days (15 days), June Block (10 days)

Note: Education classes start in the last week of August, prior to the normal beginning of year 3.

12100.UG.323 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

BM 413 Bioscience 4 40

X9 458 Educational Studies 1 4 20

X9 462 Educational Studies 2 4 20

X9 463 Pedagogy and Placement Learning 2\* 4 20

X9 634 Curriculum and Pedagogy Biology

with Science 2 4 20

\* Block Placement 1: Feb/Mar (31 days)

Block Placement 2: April/May (17 days)

Note: Education classes start in the first week of October.

Progress

**12100.UG.324** In order to progress to the second year of the course Regulation 0000.1.UG.1.43 shall apply.

**12100.UG.325** 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 satisfy the requirements for entering Initial Teacher Education.

**12100.UG.326** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

Final Honours Classification

**12100.UG.327** The final Honours classification will normally be based on the first assessed attempt at compulsory and optional classes taken in the third and fourth years.

Award

**12100.UG.328** **BSc with Honours with Honours in Bioscience with Teaching**: In order to qualify for the award of the degree of BSc with Honours in Bioscience with Teaching, a candidate must have accumulated no fewer than 480 credits from the course curriculum. Notwithstanding Regulation 0000.1UG.1.75

these must include

(i) the credits for all the compulsory Level 4 Education classes taken individually;

(ii) no fewer than 200 credits at Levels 3 and 4 with at least 160 credits at Level 4.

**12100.UG.329** **BSc in Bioscience with Teaching**: In order to qualify for the award of the degree of BSc in Bioscience with Teaching, a candidate must have accumulated no fewer than 450 credits from the course curriculum including the credits for all the compulsory Education classes taken individually.

12100.UG.330 Transfer

A candidate who fails to satisfy the progress or award requirements for the degree of BSc with Honours in Bioscience with Teaching or the BSc in Bioscience with Teaching may be transferred to the degree of BSc in Biological Science subject to satisfying the appropriate progress regulations.

**12100.UG.331 to**

**12100.UG.361 (numbers not used)**

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 Regulation 00001.UG]

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.

**13000.UG.8**  In order to progress to the third year of the course, Regulation 00001.UG.1.44 shall apply.

**Progress (Part-time study)**

**13000.UG.9**  Regulations 00001.UG.1.49 and 00001.UG.1.50 shall apply.

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

**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.

**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.

**13000.UG.13 to**

**13000.UG.43 (numbers not used)**

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 Regulation 00001.UG]

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.

**13000.UG.50** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**13000.UG.51** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**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 classeswhich 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.

**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.

**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.

**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.

**13000.UG.57 to**

**13000.UG.87 (numbers not used)**

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 Regulation 00001.UG]

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, 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.

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.

**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.

**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.

**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.

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.

**13113.UG.18 to**

**13113.UG.48 (numbers not used)**

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 Regulation 00001.UG]

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

EE 270 Digital Electronic Systems 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 501 Biomedical Engineering group project 5 40

EF 931 Project Management 5 10

Optional Classes

70 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 Advanced Techniques in Biochemistry 5 10

MP 942 Advanced Techniques in Biomedical

Research 5 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.

**13080.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**13080.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**13080.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

**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

**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.

**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.

**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.

**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.

**13080.UG.17 to**

**13080.UG.46 (numbers not used)**

FACULTY OF ENGINEERING

BIOMEDICAL ENGINEERING

**PROSTHETICS AND ORTHOTICS**

**BSc with Honours in Prosthetics and Orthotics**

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

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.

**13080.UG.55**  In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**13080.UG.56** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

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. Notwithstanding Regulation 0000.1.UG.1.75 these must include 160 credits at Level 4.

**13080.UG.59 to**

**13080.UG.89 (numbers not used)**

**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 Regulation 00001.UG]

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 206 Chemical Engineering Practice 1 2 20

CP 207 Process Analysis and Statistics 2 20

CP 213 Applied Mathematics and Problem

Solving 2 20

11012.UG.4 Third Year

All students shall undertake classes amounting to 120 credits as follows

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 3 20

CP 306 Chemical Engineering Design and

Advanced Information Technology 3 20

CP 307 Chemical Engineering Practice 2 3 20

11012.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

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

18530 Chemical Engineering Project 5 60

Optional Classes

No fewer than 60 credits from the following: including at 30 credits from List A and List B.

**List A**

CP 528 Modern Methods of Process

Measurement 5 10

CP 530 Safety Management 5 10

Clean Combustion Technologies 5 10

CP 535 Molecular and Interfacial Science 5 10

**List B**

CP 529 Programming and Optimisation 5 10

CP 516 Emerging Technologies 5 10

CP 523 Molecular Simulation in Chemical

Engineering 5 10

CP 527 Petroleum Engineering 5 10

CP 537 ElectrochemicalEnergy Devices 5 10

Exceptionally, such other classes totalling no more than 10 credits as approved by the Academic Year Co-ordinator.

**Progress**

**11012.UG.7**  In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**11012.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11012.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11012.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

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.1.74shall apply.

**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.

**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.

**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.

**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.

**11012.UG.17 to**

**11012.UG.47 (numbers not used)**

**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 Regulation 00001.UG]

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.

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.

**11012.UG.60 to**

**11012.UG.90 (numbers not used)**

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

**CHEMICAL ENGINEERING**

**BEng with Honours in Chemical Engineering by Distance Learning**

**BEng in Chemical Engineering by Distance Learning**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.UG]

**11012.UG.91 Admission**

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. Students thus qualified are normally awarded 240 credits through credit transfer and/or RPL.

**11012.UG.92 Status of the Courses**

All students are normally admitted in the first instance as potential Honours students, following a three year programme.

**11012.UG.93 Mode of Study**

The courses are available by distance learning only.

**11012.UG.94 Duration of Study**

The normal duration of study is 3 years and the maximum is 6 years.

**11012.UG.95 Curriculum**

All students shall undertake classes amounting to 240 credits as follows

*3 Year and 4 Year Programme*

Compulsory Classes\* Level Credits

CP 208 Fluid Flow and Heat Transfer 2 20

CP 211 Chemical Principles and

Thermodynamics 2 20

CP 209 Process Analysis and Statistics 2 20

CP 318 Professional Engineering and Project 3 10

Management

CP 319 Chemical Engineering Safety 3 10

CP 314 Mass Transfer and Separation

Processes 3 20

CP 310 Process Design and Simulation 3 20

CP 321 Reactors 3 10

CP 320 Biochemical Engineering 3 10

CP 411 Process Control and Environmental

Technology 4 20

CP 412 Advanced Separations and

Problem Solving 4 20

CP 423 Chemical Engineering Design Part 1 4 20

CP 424 Chemical Engineering Design Part 2 4 40

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

**Progress – 3 year programme**

**11012.UG.96**  In order to progress to the second year of the course, a student must normally have accumulated no fewer than 60 credits from the list above. In addition, a student must have achieved an approved standard of performance with regard to level of study and academic attainment.

**11012.UG.97** In order to progress to the third year of the course, a student must normally have accumulated no fewer than 140 credits from the course curriculum. In addition, a student must have achieved an approved standard of performance with regard to level of study and academic attainment.

**Progress – 4 year programme**

**11012.UG.98**  In order to progress to the second year of the course, a student must normally have accumulated no fewer than 40 credits from the course curriculum. In addition, a student must have achieved an approved standard of performance with regard to level of study and academic attainment.

**11012.UG.99** In order to progress to the third year of the course, a student must normally have accumulated no fewer than 100 credits from the course curriculum. In addition, a student must have achieved an approved standard of performance with regard to level of study and academic attainment.

**11012.UG.100** In order to progress to the fourth year of the course, a student must normally have accumulated no fewer than 160 credits from the course curriculum. In addition, a student must have achieved an approved standard of performance with regard to level of study and academic attainment.

**Final Honours Classification**

**11012.UG.101** The final Honours classification will normally be based on the first assessed attempt at compulsory classes at level 2, 3 and 4.

**Award**

**11012.UG.102** **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.103 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.104 to**

**11012.UG.134 (numbers not used)**

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

APPLIED CHEMISTRY AND CHEMICAL ENGINEERING

MSci in Applied Chemistry and Chemical Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

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.13 6 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 1 20

MM 111 Mathematics 1B 1 20

MM 112 Mathematics 2B 1 20

Elective Class 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 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

11012.UG.139 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CH 460 Physical Chemistry 2 4 20

CH 461 Inorganic Chemistry, Structures and

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 545 MSci in Applied Chemistry and

Chemical Engineering 5 120

***CH 545* comprises**

CH 557 Applied Chemistry Project 5 40

CH 565 Topics in Chemistry 5 40

and 40 credits of classes chosen from

CP 526 Nuclear Engineering 5 10

CP 528 Modern Methods of Process

Measurement 5 10

CP 530 Safety Management Practices 5 10

CP 527 Petrochemical Engineering 5 10

CP516 Emerging Technologes 5 10

CP531 Frontiers of Chemical Engineering 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.

**11012.UG.150 to**

**11012.UG.180 (numbers not used)**

**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 Regulation 00001.UG]

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.

**11024.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**11024.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

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 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.

**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.

**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.

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.

**11024.UG.17 to**

**11024.UG.47 (numbers not used)**

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 Regulation 00001.UG]

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

CL 133 Soils and Earthworks 1 10

MM 115 Mathematics 1D 1 20

CL 120 Introduction to Civil Engineering

and the Environment 1 20

Elective Class(es) 10

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

Elective Class(es) 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

CL439 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

EV 405 Strategic Environmental Assessment 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:

***Civil Engineering***

Optional Classes

No fewer than 120 credits chosen from Lists A, B, and C and of which a minimum of 40 must be chosen from List B.

***Civil and Environmental Engineering***

Optional Classes

No fewer than 120 credits chosen from Lists A, B, and C and D of which a minimum of 20 must be chosen from List B and a minimum of 20 must be chosen from List C.

Optional Classes at Level 5

***List A: Group Design Project***

CL 518 Group Design Project A 5 20

CL 519 Group Design Project B 5 20

***List B : 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

EV 939 Environmental Impact Assessment 5 10

***List C: Environmental Engineering***

CL904 Waste Management & Landfill Design 5 10

CL935 Hydrogeology 5 10

CL946 Global Water Policy 5 10

CL948 Principles of Environmental

Microbiology 5 10

CL 952 Aquifer Mechanics 5 10

CL 954 Contaminated Land 5 10

CL 960 Fundamentals of Environmental

Forensics 5 10

CL 961 Geographical Information Systems 5 10

CL 970 Environmental Pollution Management 5 10

CL 971 Air Pollution, Climate Change

& Human Health 5 10

CL 972 Sustainability and Strategic

Environmental Assessment 5 10

CL 978 Water and Wastewater Treatment

Design 5 10

EV 908 Pollution and Rehabilitation of

Degraded Ecosystems 5 10

EV921 Water and Environmental Management 5 10

***List D: Other Classes***

CL 504 Financial Engineering 5 10

CL 565 Science, Technology and Innovation

Policy 5 10

NM 518 Offshore Engineering Practice 5 10

NM 948 Subsea Systems and Installation 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.

**11024.UG.55** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11024.UG.56** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11024.UG.57** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

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 MEngin the chosen courseRegulation00001.UG.1.74 shall apply.

**11024.UG.60** **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Structural and Architectural Engineering Regulation 00001.UG.1.75 shall apply and must include *CL 434 Individual Project.*

**11024.UG.61 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.

**11024.UG.62 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.

**11024.UG.63**  **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.

**11024.UG.64 to**

**11024.UG.94 (numbers not used)**

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

PRODUCT DESIGN ENGINEERING

MEng in Product Design Engineering

BEng with Honours in Product Design Engineering

BEng in Product Design Engineering

Diploma of Higher Education in Product Design Engineering

Certificate of Higher Education in Product Design Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

11603.UG.1 Mode of Study

The courses are available by full-time study only.

Curriculum

11603.UG.2 First Year

All students shall undertake classes amounting to 120creditsas follows

Compulsory Classes Level Credits

16 132 Engineering Mechanics 1 1 20

DM 100 Design 1 1 20

DM 101 Integrating Studies 1 1 20

DM 102 Introduction to Production Engineering

and Management 1 20

MM 115 Mathematics 1D 1 20

Elective Class(es) 20

11603.UG.3 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

16 155 Engineering Materials 1 10

19 222 Electrical Machines and Control 2 10

19 260 Electrical and Electronic Engineering 2 10

DM 200 Design 2 2 20

DM 202 Design and Manufacturing Management 2 20

DM 204 Integrating Studies 2 2 20

DM 205 Production Techniques 1 2 20

ME 101 Heat and Flow 1 10

11603.UG.4 Third Year

All students shall undertake classes amounting to 120credits as follows

Compulsory Classes

DM 303 Engineering Design 3 20

DM 304 Integrating Studies 3 3 20

DM 306 Product Development 3 20

DM 308 Production Techniques 2 3 20

DM 309 Mechatronics Design and Applications 3 20

Optional Classes

20 credits at Level 3 or 4 chosen from the list of optional classes in as approved by the course director.

11603.UG.5 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

DM 400 Advanced Design Methods 4 20

DM 401 Advanced Product Design and

Manufacture 4 20

DM 402 Individual Project 1 4 40

DM 403 Industrial Group Project 4 20

Optional Classes

20 credits at Level 3, 4 or 5 chosen from the list of optional as approved by the course director.

11603.UG.6 Fifth Year

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

Compulsory Classes

DM 500 Individual Project 2 5 40

DM 501 Industrial Group Project 2 5 20

DM 502 Research Studies 5 20

Optional Classes

No fewer than 40 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 course director.

Optional Classes at Levels 3, 4 and 5

DM 300 Design Emotion and Experience 3 20

DM 302 Design Interaction 3 20

DM 305 Innovation Management 3 20

DM 307 Production and Operations

Management 3 20

DM 404 Quality Management 4 20

DM 406 Industrial Placement 1 4 20

DM 405 Industrial Placement 2 4 20

DM 503 Global Design 5 10

DM 918 People, Organisation and Technology 5 10

DM 920 Strategic Technology Management 5 10

DM 943 Sustainable Product Design and

Manufacturing 5 10

DM 983 Design Form and Aesthetics 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 926 Supply Chain Operations 5 10

DM 935 Management of Total Quality and

Continuous Improvement 5 10

EF 927 Design Management 5 10

DM 904 Human Centred Design 5 10

DM 985 Remanufacturing 5 10

**Progress**

**11603.UG.7** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**11603.UG.8**  In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11603.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11603.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

Final Classification

**11603.UG.11** The final classification for the chosen degree in Product Design Engineering will normally be based on the first assessed attempt at all classes taken in the second, third, fourth and fifth years.

Award

**11603.UG.12**  **MEng**: In order to qualify for the award of the degree of MEng in Product Design Engineering Regulation 00001.UG.1.74 shall apply and must include *DM 402 Individual Project 1* and *DM 500 Individual Project 2.*

**11603.UG.13 BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Product Design Engineering Regulation 00001.UG.1.75 shall apply and must include *DM 402 Individual Project 1*.

**11603.UG.14** **BEng:** In order to qualify for the award of the degree of BEng in Product Design Engineering Regulation 00001. UG.1.76 shall apply.

**11603.UG.15**  **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Product Design Engineering Regulation 00001.UG.1.77 shall apply.

**Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Product Design Engineering Regulation 00001.UG.1.78 shall apply.

**11603.UG.16 to**

**11603.UG.46 (numbers not used)**

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

PRODUCTION ENGINEERING AND MANAGEMENT

MEng in Production Engineering and Management

BEng with Honours in Production Engineering and Management

BEng in Production Engineering and Management

Diploma of Higher Education in Production Engineering and Management

Certificate of Higher Education in Production Engineering and Management

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

11603.UG.47 Mode of Study

The courses are available by full-time study only.

Curriculum

11603.UG.48 First Year

All students shall undertake classes amounting to 120creditsas follows

Compulsory Classes Level Credits

DM 100 Design 1 1 20

DM 101 Integrating Studies 1 1 20

DM 102 Introduction to Production Engineering

and Management 1 20

MM 115 Mathematics 1D 1 20

16 132 Engineering Mechanics 1 1 20

Elective Class(es) 20

11603.UG.49 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

16 155 Engineering Materials 1 10

19 222 Electrical Machines and Control 2 10

19 260 Electrical and Electronic Engineering 2 10

DM 200 Design 2 2 20

DM 202 Design and Manufacturing Management 2 20

DM 204 Integrating Studies 2 2 20

DM 205 Production Techniques 1 2 20

ME 101 Heat and Flow 1 1 10

11603.UG.50 Third Year

All students shall undertake classes amounting to 120credits as follows

Compulsory Classes

DM 304 Integrating Studies 3 3 20

DM 305 Innovation Management 3 20

DM 307 Production and Operations

Management 3 20

DM 308 Production Techniques 2 3 20

DM 309 Mechatronics Design and Applications 3 20

Optional Classes

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

11603.UG.51 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

DM 401 Advanced Product Design and

Manufacture 4 20

DM 402 Individual Project 1 4 40

DM 403 Industrial Group Project 1 4 20

DM 404 Quality Management 4 20

Optional Classes

20 credits at Level 3, 4 or 5 chosen from the list of optional classes as approved by the course director.

11603.UG.52 Fifth Year

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

Compulsory Classes

DM 500 Individual Project 2 5 40

DM 501 Industrial Group Project 2 5 20

DM 502 Research Studies 5 20

Optional Classes

No fewer than 40 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 course director.

Optional Classes at Levels 3, 4 and 5

DM 300 Design Emotion and Experience 3 20

DM 302 Design Interaction 3 20

DM 305 Innovation Management 3 20

DM 307 Production and Operations

Management 3 20

DM 404 Quality Management 4 20

DM 406 Industrial Placement 1 4 20

DM 405 Industrial Placement 2 4 20

DM 503 Global Design 5 10

DM 918 People, Organisation and Technology 5 10

DM 920 Strategic Technology Management 5 10

DM 943 Sustainable Product Design and

Manufacturing 5 10

DM 983 Design Form and Aesthetics 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 926 Supply Chain Operations 5 10

DM 935 Management of Total Quality and

Continuous Improvement 5 10

EF 927 Design Management 5 10

DM 904 Human Centred Design 5 10

DM 985 Remanufacturing 5 10

**Progress**

**11603.UG.53**  In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**11603.UG.54** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11603.UG.55** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11603.UG.56** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

11603.UG.57 Final Classification

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

Award

**11603.UG.58**  **MEng**: In order to qualify for the award of the degree of MEng in Production Engineering and Management Regulation 00001.UG.1.74 shall apply and must include *DM 402 Individual Project 1* and *DM 500 Individual Project 2.*

**11603.UG.59 BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Production Engineering and Mangaement Regulation 00001.UG.1.75 shall apply and must include *DM 402 Individual Project 1*.

**11603.UG.60**  **BEng:** In order to qualify for the award of the degree of BEng in Production Engineering and Management Regulation 00001.UG.1.76 shall apply.

**11603.UG.61**  **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education inProduction Engineering and Management Regulation 00001.UG.1.77 shall apply.

**11603.UG.62**  **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Production Engineering and Regulation 00001.UG.1.78 shall apply.

**11603.UG.63 to**

**11603.UG.93 (numbers not used)**

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

SPORTS ENGINEERING

MEng in Sports Engineering

BEng with Honours in Sports Engineering

BEng in Sports Engineering

Diploma of Higher Education in Sports Engineering

Certificate of Higher Education in Sports Engineering

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

11603.UG.94 Mode of Study

The courses are available by full-time study only.

Curriculum

11603.UG.95 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

DM 100 Design 1 1 20

DM 101 Integrating Studies 1 1 20

DM 102 Introduction to Production Engineering

and Management 1 20

DM 103 Technology Concepts 1 20

BE 100 Anatomy and Physiology for Biomedical

Engineers 1 20

Elective Class(es) 20

11603.UG.96 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

BE 201 Biomechanics of Human Movement

– Theory 2 20

BE 202 Biomechanics of Human Movement

– Measurement 2 20

DM 200 Design 2 2 20

DM 204 Integrating Studies 2 2 20

DM 205 Production Techniques 1 2 20

DM 206 Sports Engineering 2 20

11603.UG.97 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

B1 225 Physiology of Aerobic Exercise 2 20

DM 303 Engineering Design 3 20

DM 304 Integrating Studies 3 3 20

DM 306 Product Development 3 20

DM 309 Mechatronics Design and Applications 3 20

Optional Classes

20 credits at Levels 3 or 4 chosen from the list of optional classes as approved by the course director.

11603.UG.98 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

DM 402 Individual Project 1 4 40

DM 403 Industrial Group Project 1 4 20

BE 405 Sports Injury and Rehabilitation 4 20

BE 400 Advanced Topics in Human Movement 4 20

Optional Classes

20 credits at Levels 3, 4 or 5 chosen from the list of optional classes as approved by the course director.

11603.UG.99 Fifth Year

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

Compulsory Classes

DM 500 Individual Project 2 5 40

DM 501 Industrial Group Project 2 5 20

DM 502 Research Studies 5 20

Optional Classes

No fewer than 40 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 classes as approved by the course director.

Optional Classes at Levels 3, 4 and 5

DM 300 Design Emotion and Experience 3 20

DM 302 Design Interaction 3 20

DM 305 Innovation Management 3 20

DM 307 Production and Operations

Management 3 20

DM 404 Quality Management 4 20

DM 406 Industrial Placement 1 4 20

DM 405 Industrial Placement 2 4 20

DM 503 Global Design 5 10

DM 918 People, Organisation and Technology 5 10

DM 920 Strategic Technology Management 5 10

DM 943 Sustainable Product Design and

Manufacturing 5 10

DM 983 Design Form and Aesthetics 5 10

DM 923 Product Modelling and Visualisation 5 10

DM 926 Supply Chain Operations 5 10

DM 935 Management of Total Quality and

Continuous Improvement 5 10

EF 927 Design Management 5 10

DM 904 Human Centred Design 5 10

DM 985 Remanufacturing 5 10

**Progress**

**11603.UG.100** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**11603.UG.101** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11603.UG.102** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11603.UG.103** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

11603.UG.104 Final Classification

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

Award

**11603.UG.105** **MEng**: In order to qualify for the award of the degree of MEng in Sports Engineering Regulation 00001.UG.1.74 shall apply and must include *DM 402 Individual Project 1* and *DM 500 Individual Project 2.*

**11603.UG.106 BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Sports Engineering Regulation 00001.UG.1.75 shall apply and must include *DM402 Individual Project 1.*

**11603.UG.107 BEng:** In order to qualify for the award of the degree of BEng in Sports Engineering Regulation 00001.UG.1.76 shall apply.

**11603.UG.108** **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Sports Engineering Regulation 00001.UG.1.77 shall apply.

**11603.UG.109 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Sports Engineering Regulation 00001.UG.1.78 shall apply.

**11603.UG.110 to**

**11603.UG.140 (numbers not used)**

**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 Regulation 00001.UG]

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

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 European Studies***

***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 Advanced Microcontroller Applications 5 20

EE 580 DSP and FPGA-based Embedded

System Design 5 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.

**11036.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**11036.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11036.UG.10** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

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 and must include the *Individual Project* 19 496 and the *Group Project 19 520.*

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

**11036.UG.14 MEng in Electronic and Electrical Engineering with International Study:** Regulation 00001.UG.1.74 shall apply and a candidate must have undertaken successfully no fewer than 30 weeks of approved study abroad.

**11036.UG.15 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 and must include the *Individual Project* 19 496.

**11036.UG.16 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.

**11036.UG.17**  **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.

**11036.UG.18**  **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.

**11036.UG.19 to**

**11036.UG.49 (numbers not used)**

**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 Regulation 00001.UG]

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

EE 270 Digital Electronic System 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 Engineering Analysis 3 20

56 324 Engineering Innovation and

Management 3 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.

11036.UG.58 To progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

11036.UG.59 To progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

11036.UG.60 To progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply 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 ofMEng 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.

**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

**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

**11036.UG.69 to**

**11036.UG.99 (numbers not used)**

**DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING**

COMPUTER AND ELECTRONIC SYSTEMS

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 Regulation 00001.UG]

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 Signals and Communication Systems 3 20

56 324 Engineering Innovation and

Management 3 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

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.

Progress

**11036.UG.106** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**11036.UG.107** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**11036.UG.108** In order to progress to the third year of the BEng degree Regulation 00001.UG.1.44 shall apply.

**11036.UG.109** In order to progress to the fourth year of the Regulation 00001.UG.1.45 shall apply.

Final Honours Classification

**11036.UG.110** The final Honours classification will normally be based on the first assessed attempt at all classes at Levels three and four.

Award

**11036.UG.101 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.102 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.

**11036.UG.103 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.

**11036.UG.104 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.

**11036.UG.105 to**

**11036.UG.135 (numbers not used)**

**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 Regulation 00001.UG]

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

Either

ME 404 Energy Systems Modelling 4 10

or

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

ME409 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 Machine Dynamics 5 10

ME 507 Machinery Diagnosis and Condition

Monitoring 5 10

ME 511 Mathematical Modelling in

Engineering Science 5 10

ME 512 Spaceflight Mechanics 5 10

ME 514 Advanced Topics in Fluid Systems

Engineering 5 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 Engineering Plasticity 5 10

ME 527 Introduction to Engineering

Optimisation 5 10

ME 528 Control Systems Design 5 10

ME 529 Aerodynamics in C 5 10

Exceptionally, such other level 5 classes totalling 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.

**11048.UG.9** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**11048.UG.10** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**11048.UG.11** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

**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. 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.

**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, 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.

**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.

**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.

**11048.UG.20 to**

**11048.UG.50 (numbers not used)**

**DEPARTMENT OF NAVAL ARCHITECTURE AND MARINE ENGINEERING**

NAVAL ARCHITECTURE 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 Regulation 00001.UG]

**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

21 370 Marine Business and Financial

Management 3 10

NM 323 The Marine Environment 3 10

Optional Classes

Either

NM 327 Professional Development 3 10

Or

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 508 Advanced Marine Design 5 20

21520 Waterborne Transportation Systems 5 10

21551 The Marine Regulatory Framework 5 10

NM 522 Renewable Marine Energy Systems 5 10

NM 524 On-board Energy Management and 5 10

Environment Protection

together with classes appropriate to the chosen course

***Naval Architecture and Marine Engineering***

No fewer than 20 credits chosen from:

21525 Advanced Marine Engineering 5 10

21526 Marine Engineering Simulation

& Modelling 5 10

NM 523 Systems Availability and Maintenance 5 10

***Naval Architecture with Ocean Engineering***

No fewer than 20 credits chosen from

NM 512 Risers and Mooring Lines 5 10

NM 513 Design and Construction of FPSO’s 5 10

NM 523 Systems Availability and Maintenance 5 10

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

No fewer than 20 credits chosen from

21518 Computational Free Surface

Hydrodynamics 5 10

NM 523 Systems Availability and Maintenance 5 10

NM 526 Dynamics of High Performance

Marine Vehicles 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.

**11132.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**11132.UG.9** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**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 a student must also gain passes in the following classes: *NM 428 Marine Engineering Project* or *NM 430 Ocean Engineering Project* or *NM526 Naval Architecture with 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 and must include *NM 502 Group Design Project and either NM 428 Marine Engineering Project or NM 430 Ocean Engineering Project or NM526 Naval Architecture with 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 *NM 428 Marine Engineering Project* or *NM 430 Ocean Engineering Project* or NM429 High Performance Marine Vehicles Project as appropriate.

**11132.UG.14**  **BEng**: In order to qualify for the award of the degree of BEng in Naval Architecture and Marine Engineering Regulation 00001.UG.1.76 shall apply

**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

**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.

**11132.UG.17 to**

**11132.UG.47 (numbers not used)**

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 Regulation 0000.UG]

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.*

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 Regulation 12800.UG.103

Human Resource Management See Regulation 12800.UG.117

Management See Regulation 12800.UG.131

Management Science See Regulation 12800.UG.145

Marketing See Regulation 12800.UG.157

Mathematics and Statistics See Regulation 12800.UG.171

Psychology See Regulation 12800.UG.184

**12800.UG.6**  **Permissible Combinations of Subjects for Bachelor and Honours Degrees**

Subjects are normally available in the following combinations

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | |
| H | **Accounting** | | | | | | | | | | | |
| H | H | **Business Analysis and Technology** | | | | | | | | | | | | |
| H | H | H | **Business Enterprise** | | | | | | | | | | | |
| H | H | H | H | **Economics** | | | | | | | | | | |
| H | H | H | H | H | **Finance** | | | | | | | | | |
| H | H | H |  | H | H | **Hospitality and Tourism** | | | | | | | |
| H | H | H | H | H | H | H | **Human Resource Management** | | | | | | |
| H | H | H | H | H | H | H | H | **Management** | | | |  | |
| 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** | | | |

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

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

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.

Progress

**12800.UG.12**  In order to progress to the second year of the course Regulation 0000.1.UG.1.43 shall apply.

**12800.UG.13** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply

**12800.UG.14** In order to progress to the fourth year of the course Regulation 0000.UG.1.45 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:

**(i)** For students taking Honours subject(s) in the Strathclyde Business School only, the first assessed attempt at all classes in the Honours year;

**(ii)** 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 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 Classes

AG209 Taxation 2 20

AG210 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 437 Strategic Accounting and Financial

Management in Entrepreneurial Firms 4 20

AG 416 Management Accounting Theory

and Practice 4 20

AG 425 Corporate Governance 4 20

AG 408 Integrative Studies in Management

Accounting 4 20

AG 438 Understanding 21st Century Accounting

Technologies and Institutional

Structures 4 20

AG 415 Contemporary Issues in International

Financial Reporting 4 20

AG 422 Accounting Ethics 4 20

AG 420 Auditing Theory and Practice 4 20

Sustainable Accounting and

Accountability 4 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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.25 to**

**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 20

MS 311 Knowledge and Innovation

Management 3 20

MS 361 Understanding and Optimizing

Business Systems 3 20

12800.UG.37 Single Honours Curriculum in Business Analysis and Technology

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

MS 424 Dissertation in Business Analysis and

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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.39 to**

**12800.UG.49 (numbers not used)**

12800.UG.50 Principal Subject Curriculum in Business Enterprise

Compulsory Classes

Z1 151 Entrepreneurship Theory and Practice 1 20

Z1 218 New Venture Planning 2 20

Z1 217 Creativity and Innovation Management 2 20

Z1 314 Entrepreneurial Capital 3 20

Z1 310 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 20

or

Z1408 Vertically Integrated Project

Enterprise (Sem 1) 4 10

and

Z1409 Vertically Integrated Project

Enterprise (Sem 2) 4 10

12800.UG.52 Joint Honours Curriculum in Business Enterprise and Another Subject

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 Business Enterprise

Z1 404 Dissertation in Business Enterprise 4 40

The credit requirement for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.53 to**

**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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.66 to**

**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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.80 to**

**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 2 20

AG 217 Portfolio Management and

Security Analysis 2 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 430 Corporate Financing 4 20

AG 428 Asset Pricing 4 20

AG 427 Advanced Portfolio Analysis 4 20

AG 429 Behavioural Finance 4 20

AG 431 Corporate Investment Theory

and Policy 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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.94 to**

**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

MG 417 Contemporary Issues in Management 4 20

Optional Classes

60 credits chosen from

MG 423 Hospitiality and Tourism Analysis:

Case Studies and Case Histories 4 20

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.108 to**

**12800.UG.118 (numbers not used)**

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

41 433 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

41 402 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

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.122 to**

**12800.UG.132 (number not used)**

12800.UG.133 Principal Subject Curriculum in Management

Compulsory Classes

MG 112 Managing in a Global Context 1 20

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 are specified in that subject’s specialisation regulations.

**12800.UG.136 to**

**12800.UG.146 (numbers not used)**

12800.UG.147 Principal Subject Curriculum in Management Science

Compulsory Classes

MS 111 Foundations of Business Analysis 1 20

MS 208 Consulting and Simulation 2 20

MS 309 Business Analysis and

Consulting Projects 3 20

Optional Classes

40 credits chosen from

MS 205 Information Systems in the

Knowledge Economy 2 20

MS 207 Operations Management 2 20

MS 310 Supply Chain Management 3 20

**12800.UG.148 to**

**12800.UG.158 (numbers not used)**

**12800.UG.159 Principal Subject Curriculum in Marketing**

Compulsory Classes

MK 111 Introduction to Marketing 1 20

MK 209 Understanding Consumers and

Markets 2 20

MK 212 Services and Retail Marketing 2 20

MK 329 Marketing Communication in the

Digital Age 3 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 4 40

Optional Classes

60 credits chosen from

MK 409 Advances in Business-to-Business

Marketing 4 20

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 417 Supply Chain Management 4 20

MK 418 Social Marketing 4 20

MK 419 Sports Marketing 4 20

MK 425 Small Business Marketing 4 20

MK 427 Marketing for Non Profit Organisations 4 20

MK 426 Social Media Marketing 4 20

MK 424 Tourism Marketing 4 20

MK 409 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 Dissertation in Marketing 4 40

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.162 to**

**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 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

XX 4XX Project in Mathematics and Statistics 4 20

The credit requirements for the other Principal Subject are specified in that subject’s specialisation regulations.

**12800.UG.175 to**

**12800.UG.185 (numbers not used)**

**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 2 20

C8 203 Introduction to Research Design

and Analysis 2 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.

**12800.UG.188 to**

**12800.UG.198 (numbers not used)**

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 Regulation 00001.UG]

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.36-38

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

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.

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.1.75shall 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.1.75shall apply.

**12800.UG.213 BA**: In order to qualify for the award of the BA in International Business Regulation 00001.UG.1.76shall 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.1.77shall 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.1.78shall apply.

**12800.UG.216 to**

**12800.UG.226 (numbers not used)**

**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 Regulation 00001.UG]

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 1 20

Optional Classes

Students will choose 40 credits from the list below:

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

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

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 2and 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 Languagewill normally be based on:

(i) the first assessed attempt at Level 4 classes taken in the fourth year;

(ii) 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.

12800.UG.256 to

12800.UG.286 (numbers not used)

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 0000.1.UG]

**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  
Marketing

HR 206 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 3chosen 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

12800.UG.295 Progress

In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**12800.UG.296** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 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 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 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 shall apply.

**12800.UG.301**

**12800.UG.330 (numbers not used)**

**STRATHCLYDE BUSINESS SCHOOL**

**FACULTY COURSES**

**APPLIED BUSINESS SKILLS**

**Certificate In Applied Business Skills**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 11.1]

**Status of the Courses**

**12800.UG.331** All students are admitted to the Certificate via a selection process in partnership with ENABLE

# Mode of Study

**12800.UG.332** The course is available on campus over an 8 week teaching block.

# Curriculum First Year

**12800.UG.333** All students shall undertake classes amounting to 20 credits as follows:

Compulsory Classes Level Credits

BF 100 Business Skills with ENABLE Scotland 1 20

# Award

**12800.UG.334** **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.

**12800.UG.335 to**

**12800.UG.365 (numbers not used)**

**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 Regulation 00001.UG.1]

Status of the Courses

**12800.UG.366** All students are normally admitted in the first instance as potential Honours students.

12800.UG.367 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.368** 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 104 Business Finance and Financial Services 1 30

Second Year

**12800.UG.369** 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.370** 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.371** 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.372** 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.373** 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.374** 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.375** The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional classeswhich are taken in third and fourth year of the course;

Award

**12800.UG.376** **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 shall apply .

**12800.UG.377** **BA:** In order to qualify for the award of the degree of BA in Business Management Regulation 00001.UG.1.76 shall apply.

**12800.UG.378** **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education Business Management Regulation 00001.UG.1.77 shall apply

**12800.UG.379**  **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Management Regulation UG.00001.78 shall apply.

**12800.UG.380 to**

**12800.UG.420 (numbers not used)**

STRATHCLYDE BUSINESS SCHOOL

VALIDATED COURSES

BUSINESS

Diploma of Higher Education (Business)

Certificate of Higher Education (Business)

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.UG]

12800.UG.421 Admission

In addition to the requirements of Regulation 2, applicants will normally be required to attend for interview as part of the selection process. Direct entry to the Diploma may be permitted subject to approval of the Board of Study on the recommendation of the Course Director. In such cases, account will be taken of prior learning. Where direct entry to the Diploma is permitted, the student will be granted an appropriate number of credits by the Board of Study on the recommendation of the Course Director.

12800.UG.422 Status of the Courses

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

12800.UG.423 Mode of Study

The courses are available by full-time study only.

**12800.UG.424 Place of Study**

The courses are taught at the City of Glasgow College

**Curriculum**

**12800.UG.425 First Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

CC 121 Psychology 1A 1 20

CC 122 Introduction to Marketing 1 20

CC 123 Managing People 1 20

CC 124 Introduction to Economics 1 20

CC 125 Business Law 1 20

CC 126 Information Technology 1 10

CC 127 Statistics 1 10

**12800.UG.426 Second Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

CC 217 Management Development

Programme 2 2 20

Optional Classes

40 credits in two of the Principal Subjects below

***Marketing***

CC254 Understanding Consumers

and Markets 3 20

CC253 Services and Retail Marketing 3 20

AND

20 credits from the following list of electives

CC 209 Work Psychology for HRM 2 20

CC 210 Work Psychology 2 20

CC 216 Discrimination Law 2 20

CC 208 Employment Law 2 20

CC 215 EU Law 2 20

***Human Resource Management***

CC 209 Work Psychology for HRM 2 20

CC 210 Work Psychology 2 20

AND

20 credits from the following list of electives

CC 254 Understanding Consumers and Markets 3 20

CC 253 Services and Retail Marketing 3 20

CC 216 Discrimination Law 2 20

CC 208 Employment Law 2 20

CC 215 EU Law 2 20

***Business Law***

CC 216 Discrimination Law 2 20

CC 208 Employment Law 2 20

AND

20 credits from the following list of electives

CC 254 Understanding Consumers and Markets 3 20

CC 253 Services and Retail Marketing 3 20

CC 209 Work Psychology for HRM 2 20

CC 210 Work Psychology 2 20

CC 215 EU Law 2 20

Progress

**12800.UG.427** In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

Award

**12800.UG.428** **Diploma of Higher Education**: In order to qualify for the award of the Diploma of Higher Education (Business) Regulation 00001.UG.1.77 shall apply.

**12800.UG.429** **Certificate of Higher Education**: In order to qualify for the award of the Certificate of Higher Education (Business) Regulation 00001.UG.1.78 shall apply.

**12800.UG.430** **Transfer**

A student who has accumulated no fewer than 240 credits from the course curriculum, including those for all the compulsory classes, and who is deemed to have achieved an appropriate standard of performance, may be permitted to transfer to the third year of the BA degree course in the Strathclyde Business School.

**12800.UG.431 to**

**12800.UG.432 (numbers not used)**

**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 Regulation 00001.UG]

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.

**15300.UG.8** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

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.

**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.

**15300.UG.12 to**

**15300.UG.42 (numbers not used)**

**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 Regulation 00001.UG]

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 subjectsmay 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

(i) a Single Honours degree must normally have gained at least 60 credits in that Subject at Level 3.

(ii) 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 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 Touriam Management 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.93 -15300.UG.95

English See Regulations 15300.UG.107 -15300.UG.111

History See Regulations 15300.UG.123 -15300.UG.127

Journalism and

Creative Writing See Regulations 15300.UG.139 -15300.UG.141

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.184 - 15300.UG.188

Psychology See Regulations 15300.UG.200 - 15300.UG.205

Social Policy See Regulations 15300.UG.217 - 15300.UG.219

Sport See Regulations 15300.UG.231 - 15300.UG.233

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

**15300.UG.47** **Permissible Combinations of Subjects for Pass and Honours Degrees**

Subjects are normally available in the following combinations:

Education

J English

J J French

J J J History

J J J J Italian

J J J J J Journalism & Creative Writing

J J J J J J Law

J J J J J J J Politics and International Relations

J J J J J J J Psychology

J J J J J J J J J Spanish

J J J J J J J J J Social Policy

J J Sport

Non-HaSS subjects

J P J J J J J J J JEconomics

J J J J J J J J J J HRM

J J J Marketing

J Mathematics

J J J Hospitality & TM

*J Combinations which may be taken for Honours*

*P Combinations which may not be continued beyond Level 3*

Single Honours degrees are available in the following Subjects:

English

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 105 Politics and International Relations

1A: Concepts 1 20

L2 106 Politics and International Relations 1B:

Government and Governance 1 20

L2 104 Philosophy: Logic and Argumentation 1 20

M9 114 BA Law 1A Legal Methods 1 20

M9 116 BA Law 1B Public Law 1 1 20

P3 100 Journalism and Creative Writing 1A 1 20

P3 101 Journalism and Creative Writing 1B 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

B1126 Introductory Physiology and

Biomechanics (Sport 1A) 1 20

B1128 Sports Practice 1 (Sport 1B) 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).

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

Second Subject 2 60

15300.UG.52 Third Year

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).

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

History See Regulations 15300.UG.123 -15300.UG.127

Journalism and

Creative Writing See Regulations 15300.UG.139 -15300.UG.141

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.184 - 15300.UG.188

Psychology See Regulations 15300.UG.200 - 15300.UG.205

Social Policy See Regulations 15300.UG.217 - 15300.UG.219

Sport See Regulations 15300.UG.231 - 15300.UG.233

**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, 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 a student must also gain the credits for both of the Year 1 classes in 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.

**15300.UG.57**  In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

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.

**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 and must include at least one semester at a partner institution abroad.

***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.61**  **BA:** In order to qualify for the award of the BA in Humanities and Social Sciences Regulation 00001.UG.1.76 shall apply.

**15300.UG.62 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 and must include at least one semester at a partner institution abroad.

**15300.UG.63** **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.1.77shall apply.

**15300.UG.64** **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.

**15300.UG.65 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 309 Social Pedagogy with Adults 3 20

X9 279 Informal Education 2 20

X9 280 Learners and Learning 2 20

X9 308 History and Philosophy of Education 3 20

X9 310 Children and Childhood 3 20

15300.UG.97 Joint Honours Curriculum in Education and another Subject

All students shall undertake a curriculum in Education as follows

Optional Classes

60 credits chosen from

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 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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.99 to**

**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

QQ 264 Renaissance Literature 2 20

QQ 266 Enlightenment to Romanticism 2 20

QQ 308 Language in Business and organisations 3 20

QQ 607 Victorian Literature 3 20

QQ 608 Twentieth Century Literature 3 20

Optional Classes

20 credits chosen from

QQ 205 Literature, Culture and Technology 2 3 20

QQ 265 Literature, Criticism, Theory 2 20

QQ 302 Order and Nature in Renaissance

Writing 3 20

QQ 304 Sin in Renaissance Drama 3 20

QQ 305 Arthurian Legend from Monmouth

to Monty Python 3 20

QQ 307 Nineteenth Century American Literature 3 20

QQ 308 Language in Business and

Organisations 3 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 607 Victorian Literature 3 20

QQ 608 Twentieth Century Literature 3 20

QQ 609 America in the 1920s 3 20

QQ 610 Style 3 20

QQ 612 The Sexed Self: Gender, Sexuality,

Autobiography 3 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 Directing in the Theatre 3 20

QQ 627 From Greek Theatre to the National

Theatre of Scotland 3 20

QQ 631 Adaptations: Literature and Cinema 3 20

QQ 666 Shakespeare Studies 3 20

HS 809 Contemporary Gender Issues 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 724 The Journalism of War 4 20

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 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

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 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 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 History of Scotland, 1832-1914 2 20

V1 216 History of the United States of America

since 1877 2 20

V1 217 Modern Europe 2 20

V1 218 Science, Technology and the

Making of the Modern World 2 20

V1 220 Scotland 1469-1603: Renaissance and

Reformation 2 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 The American West 3 20

V1 311 Living under a Dictator: Politics and

Society in Fascist Italy 3 20

V1 314 Genocide in the 20th Century 3 20

V1 318 The 'westward enterprise': Scotland, Ulster

and America, c.900-1783 3 20

V1 324 Dangerous Drugs and Magic Bullets: Social

History of Medicines, 1800 – 2000 3 20

V1 325 From Samurai to Entrepreneurs: The Birth of

Modern Japan 3 20

V1 327 History of Irish Society 1660-1850 3 20

V1 330 Propaganda and War in the Twentieth Century 3 20

V1 333 Scotland’s ‘Highland Problem?’: Crown-Clan 3 20

V1 334 Scottish Society since 1914 3 20

V1 335 Slavery in World History 3 20

V1 336 Society and Politics in Colonial India:

1880s-1947 3 20

V1 337 The Covenanters and the British Civil Wars,

c1637-51 3 20

V1 341 Disability in Modern Britain 3 20

V1 346 Sex, Medicine and Society In Britain

And Ireland, 1880s - 1980s 3 20

V1 378 Oral History Theory and Practice 3 20

V1 389 Cold War Europe 1945-1991 3 20

V1 391 Empires and India: South Asia 1526-1857 3 3 20

V1 392 Medicine and Warfare 3 20

V1 393 Conflict in the Middle East 1900-1973 3 20

V1 394 Madness & Society: Ancient to Present 3 20

V1 395 Work and Community Placement

in Oral History 3 20

V1 396 Bringing out the Bodies in History 3 20

HS 809 Contemporary Gender Issues 3 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 412 Becoming British? Scotland, England

and Ireland in the Sixteenth Century 1 4 20

and

V1 413 Becoming British? Scotland, England

and Ireland in the Sixteenth Century 2 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

V1 463 Plantation in Ulster, c 1550-1625 I 4 20

and

V1 458 Plantation in Ulster, c 1550-1625 II 4 20

V1 466 Rwanda: Peace, Conflict and the

Politics of History (Part 1) 4 20

and

V1 467 Rwanda: Peace, Conflict and the

Politics of History (Part 2) 4 20

V1 469 Health on the Colour Line: African

Americans and Medicine I 4 20

and

V1 470 Health on the Colour Line: African

Americans and Medicine II 4 20

V1473 Histories of Terrorism: Case-Studies

and Comparisons in the Modern Age 1 4 20

and

V1476 Histories of Terrorism: Case-Studies

and Comparisons in the Modern Age 2 4 20

V1 480 The Power of Persuasion: Media,

Propaganda and the State in the 20C I 4 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

Innovation II 4 20

V1 701 The Scottish Revolution of 1688-90

in a British And European Context I 4 20

and

V1 702 The Scottish Revolution of 1688-90

in a British And European Context II 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 408 Woman and the Family in Early

Modern Scotland 4 20

V1 416 The Patriarchal Family in Early

Modern Scotland 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 452 Society and Politics in Colonial India:

1880s-1947 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 465 Genocide in the 20th Century 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 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 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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.131 to**

**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 202 Journalism and Creative Writing 2 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 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 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

120 credits chosen from

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 210 Involuntary Obligations: Delict and

Unjustified Enrichment 2 20

M9 212 European Union Law 2 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 310 Planning Law 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 352 Internet Law 3 20

M9 317 Public International Law 3 20

M9 318 Competition Law 3 20

M9 319 Discrimination Law 3 20

M9 338 Local Government Law 3 20

HS 809 Contemporary Gender Issues 3 20

\* Students may select a maximum of 20 credits of Level 1 classes.

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 404 Issues in Intellectual Property Law 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 417 Legal Aspects of International Trade 4 20

M9 418 Law of Competition 4 20

M9 419 Criminal Law 4 20

M9 426 Computer Law 4 20

M9 427 Legal Theory 4 20

M9 428 Legislation 4 20

M9 433 Constitutional Law 4 20

M9 446 Environmental Law 4 20

M9 452 Family Law 4 20

M9 456 Law, Justice and Society 4 20

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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.159 to**

**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 402 The Occupation and its Portrayal

in French Films 4 10

R1 408 France since 1945 4 10

R1 411 Writing the Body in French and

Francophone Contemporary Literature 4 10

***Italian***

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 Hispanic Studies 4 4 10

R4 406 Translation Studies: Key Debates

and Theories 4 10

R4 449 Shaping Spain: Ideas, Beliefs and

Identity 4 10

R4 526 The Latin American Short Story 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 both Modern Languages as follows

***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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.176 to**

**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

No more than 60 credits chosen from the following optional classes

Optional Classes

L2 201 International Relations and Global Politics 2 20

L2 204 Comparative Politics 2 2 20

L2 235 Political Philosophy 2 20

All students shall undertake a 3rd Year curriculum in Politics and International Relations as follows

20 credits chosen from the following compulsory classes and no more than 40 credits from the optional classes

Compulsory Class

L2 305 Research Methods for Political Scientists 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

HS 809 Contemporary Gender Issues 3 20

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 404 Politics and International Relations

Dissertation 4 20

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 Feminism and Politics 4 20

L2 422 International Relations Theory in a

Global Age: Rethinking the

Key Concepts 4 20

L2 423 Difference and Democracy 4 20

L2 426 International Security: Concepts

and Issues 4 20

L2 430 Analysing Religion and Politics 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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.192 to**

**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 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

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

41 402 Advanced Organisational Behaviour 4 20

C8 425 ERASMUS International Work Placement 4 20

C8 437 Psychology Work Placement 4 20

**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

41 402 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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.209 to**

**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

No more than 60 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 330 Research Methods for Political Scientists 3 20

Optional classes

Students may choose one option (20 credits) from the following list. Students who take Research Methods for Political Scientists as a Politics and International Relations option must take two options (40 credits) from the following list:

L5324 Non-Employment, Welfare Reform and Labour 3 20

Market Policy in Scotland

L5 325 Children and Young People: Research, Policy

and Practice 3 20

L5 328 Emotions, Criminology and Criminal Justice 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

Plus an optional class (20 credits) from the following list:

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.

Students may not repeat a class taken in year 3 as part of their year 4 programme.

**15300.UG.223 to**

**15300.UG.233 (numbers not used)**

15300.UG.234 Specialisation in Sport

Students taking Sport shall undertake a curriculum in Sport 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

B1 310 Placement and Professional Development 3 20

B1 345 Sports Practice 3 3 20

B1 479 Research Project in Sport and Physical

Activity 4 20

Students studying Sport and Psychology in Year 3 may be eligible for two different routes in Year 4, one of which allows for BPS accreditation.

Non BPS accredited route

**15300.UG.235 Joint Honours Curriculum in Sport (Education or Psychology only)**

All students shall undertake a curriculum in Sport as follows

B1 455 Dissertation Research Skills 4 20

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

B1 455 Dissertation Research Skills 4 20

And 20 credits chosen from

B1 449 Nutrition 4 20

B1 408 Practical Project in Sport and Physical

Activity

Development 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

Minor Honours Curriculum in Sport ( Education or Psychology only)

All students shall undertake a curriculum in Sport as follows:

B1 449 Nutrition 4 20

B1 408 Practical Project in Sport and

Physical Activity Development 4 20

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**BPS accredited route**

**15300.UG.236 Joint Honours Curriculum in Psychology with Sport**

All students shall undertake a curriculum in Psychology and Sport 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.237 to**

**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

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.250 to**

**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

Third Sector 3 20

MG 316 Internationalisation of Tourism Products

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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.263 to**

**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 20

MK 328 Strategic Marketing in an International

Context 3 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

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

The credit requirements for the other Subject are specified in that subject’s specialisation regulations.

**15300.UG.289 to**

**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 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.

**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

**15300.UG.293 to**

**15300.UG.303 (numbers not used)**

**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**

**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 Regulation 0000.1.UG]

**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 Education 1B:Understanding Education in

the 21st Century 1 20

X9 173 Education 1A: Year 1 Placement

and Curriculum 1 20

Optional Classes

80 credits of paired classes from Regulation 15300.UG.49

**Second Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

X9 278 Curriculum: Children’s Language, Literature

and Literacy in the Early Years of School 2 20

X9 280 Learners and Learning 2 20

X9 281 Year 2 Pedagogy and Placement 2 20

X9 282 Curriculum: Mathematics in the

Primary School 2 20

40 credits of Level 2 classes chosen from one of the Year 1 subjects

**15300.UG.307 Third Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

X7 307 Curriculum: The Arts (Music, Art & Design

and Drama) 3 20

X7 308 History and Philosophy of Education 3 20

X7 314 Curriculum: Science, Technology and

Information Communication Technologies 3 20

X7 315 Year 3 Pedagogy and Placement 1 3 20

X7 316 Year 3 Pedagogy and Placement 2 3 20

X7 317 Curriculum: Learning for Sustainability through

Social Studies, RME and PE 3 20

*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.308 Fourth Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

X7 405 Inclusive Practice in Literacy and Numeracy 4 20

X7 424 Science in the Primary School 4 10

X7 431 Policy and Politics in Education 4 20

X7 432 Dissertation 4 20

X7 433 Social Issues in Education 4 20

X7 434 Year 4 Pedagogy and Placement 4 20

X7 435 Social Research Methods 4 10

**Progress**

**15300.UG.309** 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 pass X9 173 Education IA: Year 1 Placement and Curriculum.

**15300.UG.310** 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 pass X9 281 Pedagogy and Placement 1 and 2.

**15300.UG.311** In order to progress to the fourth year of the in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also pass both X7 315 Pedagogy and Placement 1 and X7 316 Pedagogy and Placement 2.

**15300.UG.312 Final Honours Classification**

See Regulation 15300.UG.55

**Award**

**15300.UG.313** **BA with Honours:** In order to qualify for the award of the BA with Honours in Primary Education Regulation 00001.UG.1.75 shall apply.

**15300.UG.314** **BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in Primary Education with International Study Regulation 0000.1.UG.1.75 shall apply and must include at least one semester at a partner institution abroad

**15300.UG.315 BA**: In order to qualify for the award of BA in Humanities and Social Sciences Regulation 00001.UG.1.76 shall apply.

**15300.UG.316 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 and must include at least one semester at a partner institution abroad.

**15300.UG.317** **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.

**15300.UG.318 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.

**15300.UG.319 Transfer**

A candidate who fails to satisfy the progress or award requirements for the degree of BA with Honours in Primary Education may be transferred to the degree of BA in Humanities and Social Sciences.

**15300.UG.320 to**

**15300.UG.350 (numbers not used)**

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

CENTRE FOR LIFELONG LEARNING

OPEN STUDIES CERTIFICATE

The Open Studies Certificate programme is a part-time credit-based modular programme of continuing personal education classes at undergraduate level. The ethos of liberal adult education underpins the philosophy and aims of the programme. The Certificate is offered in named pathways approved from time to time by Senate on the recommendation of the Board of Study.

General Regulations for the Open Studies Certificate

15420.UG.1 Admission

Applicants will normally be aged 18 years or over.

15420.UG.2 Mode and Duration of Study

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

The minimum period of study is 2 semesters. Unless granted an extension of time by the Board of Study, a student who has not qualified for the award of the Certificate within a period of 8 semesters from the date of first registration may be required to withdraw.

**15420.UG.3 Place of Study**

See Regulation 0000.1.UG.1.6

15420.UG.4 Credit Transfer and Recognition of Prior Learning

Regulation 0000.1.UG.1.2 where exemption is granted this shall normally not exceed 10 credits.

15420.UG.5 Course Structure and Curriculum

See Regulations 00001.UG.1.7– 00001.UG.1.20. 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.

Students who complete OS174, *Access To University Study* may not use this credit towards an Open Studies Certificate.

15420.UG.6 Attendance and Performance

See Regulation 00001.UG.1.21 - 00001.UG.1.24. There is a 70% attendance requirement typically applied to Open Studies classes. See Course Handbook for further information.

15420.UG.7 Assessment

See Regulations 00001.UG.1.25 - 00001.UG.1.36

15420.UG.8 Award of Credits

See Regulation 00001.UG.1.37- 00001.UG.1.39

15420.UG.9 Progress of Students

See Regulation 00001.UG.1.43

**15420.UG.10 Suspension and Withdrawal**

See Regulations 00001.UG.1.46 - 00001.UG.1.52

15420.UG.11 Appeals against Suspension and Withdrawal

See Regulations 00001.UG.1.58 - 00001.UG.1.61.

15420.UG.12 Award

A student who satisfies the requirements of the Ordinances governing the award of certificates and the provisions of the regulations as set forth in the Schedule shall be entitled to receive an Open Studies Certificate setting forth the course of study in which the Certificate has been granted.

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

CENTRE FOR LIFELONG LEARNING

OPEN STUDIES

Open Studies Certificate (Named Pathway specified in Regulation 15420.UG.15)

15420.UG.13 Course Regulations

[These regulations are to be read in conjunction with Regulation 0000.1.UG].

15420.UG.14 Course Entrance Requirements

See Regulation 15420.UG.1

15420.UG.15 Certificate Structure

The Open Studies Certificate can be awarded in any of the following Pathways:

Open Studies Certificate (Applied Arts)

Open Studies Certificate (Applied Writing)

Open Studies Certificate (Humanities)

Open Studies Certificate (Psychology)

Open Studies Certificate (Genealogical Studies)

Open Studies Certificate (Language Studies)

Open Studies Certificate (Theatre Arts)

Open Studies Certificate (Musical Studies)

Open Studies Certificate (Adult Teaching and Learning)

In the case of Open Studies Certificate (Language Studies), the Certificate may be awarded in a specified language.

15420.UG.16 Curriculum

Having selected a subject area, all students will take classes amounting to no fewer than 20 credits from that pathway, with the remaining 10 taken from any of the classes listed in Regulation 15420.UG.17.

List of Approved Classes

***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 Hand built 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

***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 715 Sociology of Crime 1 10

***Psychology***

OS 003 Open Studies Psychology 1A/B 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 Learning 1 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***

OS 174 Access to University Study 1 30

15420.UG.17 Progress

Students may progress to the following year of study without the requirement to pass all classes in the previous year. This allows for the broad range of subjects on offer to be taken by student.

15420.UG.18 Award

In order to qualify for the award of the Open Studies Certificate, a student must have accumulated no fewer than 30 credits. 20 of these credits must be from classes within one Pathway.

**15420.UG.19** **to**

**15420.UG.49**  **(numbers not used)**

**FACULTY OF HUMANITIES AND SOCIAL SCIENCES**

CENTRE FOR LIFELONG LEARNING

**LIFELONG LEARNING**

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

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

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 0000.1.UG and Regulation 15420.UG.1]

**Admission**

Regulation 0000.1.UG.1 and 15420.UG.1 shall apply.

**15420.UG.50 Mode of Study**

The courses are available by part-time study only. 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.51**  **Curriculum**

All students shall undertake classes, subject to the approval of the Course Director, within one of the following distinct pathways:

***Humanities***

***Creative Arts***

***Humanities***

Optional Classes

90 credits chosen from the curriculum of the following Open Studies Certificate pathways listed in Regulation 15420.UG.17

***Humanities***

***Applied Writing***

***Genealogical Studies***

***Language Studies***

***Musical Studies***

***Psychology***

together with

30 credits chosen from the curriculum of the Open Studies Certificate and listed in Regulation 15420.UG.17

**Creative Arts**

Optional Classes

90 credits chosen from the curriculum of the following Open Studies Certificate pathways listed in Regulation 15420.UG.17

***Applied Arts***

***Theatre Arts***

together with

30 credits chosen from the curriculum of the Open Studies Certificate and listed in Regulation 15420.UG.17

**Award**

**15420.UG.52** Certificate of Higher Education: In order to qualify for the award of the Certificate of Higher Education in Lifelong Learning in a named pathway the candidate must have accumulated no fewer than 120 credits, of which 90 credits must be in their chosen named pathway from the curriculum of the Open Studies Certificate.

**15420.UG.53 to**

**15420.UG.83 (numbers not used)**

**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 Regulation 0000.1.UG]

15445.UG.1 Admission

Notwithstanding Regulation 0000.1.UG.1, 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, 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, direct entry to Phase 3 is available to applicants with 120 credits at SHE Level 1 and 120 credits at SHE Level 2.

Notwithstanding Regulation 00001.UG.1.3, direct entry to Phase 4 is available to graduates who hold a BA in Childhood Practice with 360 credits at Level 3.

15445.UG.2 Status of the Degree

Regulation 00001.UG.1.2 applies. All students are admitted as bachelordegree students.

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 6 years.

For direct entry to Third Year (Phase 3) the minimum period of study shall normally be 4 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 8 years.

For direct entry to Third Year (Phase 3) the maximum period of study shall normally be 6 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

X9 171 A Child’ s World: Experiences in

Learning Environments 2 20

X9 273 Academic Literacy, Communication and

Professional Values 2 20

X9 277 Contemporary Childhood: A Sociological

Exploration 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

X9 272 Playful Pedagogy: Children as thinkers 2 20

X9 275 Children's Emotional and Social Development:

Observing Child Development 2 20

X9 276 Children's Emotional and Social Development:

Foundations for Learning and Health 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 300 Management and Leadership including

Issues of Quality 3 20

X7 306 Children’s Rights and Working in Multi-

Professional Teams 3 20

X9 373 Leading Effective Pedagogy: Supporting

Children as Active Learners 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 Professional

Change 3 20

X7 305 Evidence Informed Practice: Exploring

Research Methods in Childhood Practice 3 20

X9 371 Leading People: Managing the Professional

Self and Others 3 20

**Fourth Year (Phase 5) (Honours)**

**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

Options: One of the following specialist routes

X7 423 b. Early Childhood 4 40

X7 425 c. Growing Up (late childhood) 4 40

X7 430 a. Pre Birth to Three 4 40

**Fourth Year (Phase 6) (Honours)**

**15445.UG.12** All students shall undertake classes amounting to no fewer than 60 credits as follows

Compulsory Classes

X7 422 Dissertation 4 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 including 120 credits from RPL.

**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.

**15445.UG.18 BA:** In order to qualify for the award of the BA in Childhood Practice Regulation 00001.UG.1.76 shall apply.

**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.

**15445.UG.20 to**

**15445.UG.50 (numbers not used)**

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 Regulation 00001.UG]

**15441.UG.1** **Admission**

Notwithstanding Regulation 00001.UG.1, 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 International Leadership Development 3 20

QQ 308 Language in Business and Organisations 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

MK 328 Strategic Marketing in an International Context 3 20

MS 211 Managing Business Processes

and Information Systems 2 20

L2 304 Quantitative Methods in Social Research 3 20

QQ 310 International Influences: World Literature and

Literature in English 3 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

R5 400 Dissertation 4 20

Optional Classes

Students must choose 60 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

P3 414 Digital Tools and Skills for Journalism 4 20

QQ 423 Creative Economies and the Culture

Industry 4 20

QQ 407 Textlab 4 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 Leader.

**Progress**

**15441.UG.6** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**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.

**15441.UG.9 BA in Intercultural Commuinication 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 including 240 credits from RPL.

**15441.UG.10 to**

**15441.UG.40 (numbers not used)**

**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 Regulation 00001.UG]

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 105 Politics and International Relations

1a: Concepts 1 20

L2 106 Politics and International

Relations 1b: Government and Governance 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 Scientists 3 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.

**15446.UG.10** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15446.UG.11** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**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:

(i) the first assessed attempt at compulsory and specified optional classes taken in the Honours year and, as appropriate, in the third year;

(ii) 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.

**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 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.

**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.

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.

**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.

**15446.UG.20 to**

**15446.UG.50 (numbers not used)**

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 Regulation 0000.1.UG]

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 Regulations15443.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 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

GU 306 Roman Law of Property and Obligations 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 310 Planning Law 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 320 Clinical Legal Practice\* 3 20

M9 338 Local Government Law 3 20

M9 345 Ethics and Justice\* 3 20

M9 352 Internet Law 3 20

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

\*Can only be taken by students working in the Law Clinic or approved work placement.

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 421 Governance of Human Enhancement Tech 4 20

M9 424 Human Rights Law in Theory and Practice 4 20

M9 426 Computer Law 4 20

M9 427 Legal Theory 4 20

M9 428 Legislation 4 20

M9 433 Constitutional Law 4 20

M9 446 Environmental Law 4 20

M9 452 Family Law 4 20

M9 456 Law, Justice and Society 4 20

M9 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

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

\*Can only be taken by students working in the Law Clinic or approved work placement.

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 15443.UG.5

Progress (Full-time Study)

**15443.UG.12** In order to progress to the second year Regulation 00001.UG.1.43 shall apply.

**15443.UG.13** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.14** In order to progress to the Honours year of the course Regulation 00001.UG.1.45 shall apply.

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 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.

**15443.UG.22 LLB:** In order to qualify for the award of the degree of LLB Regulation 00001.UG.1.76 shall apply.

**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.

**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.

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.6

**Fourth Year**

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.6

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 15443.UG.12 may apply to transfer to the full-time LLB Honours degree programme.

Award

**15443.UG.37**  LLB: Regulations 0000.1UG.1.9 shall apply.

**15443.UG.38 to**

**15443.UG.68 (numbers not used)**

**Students Admitted to the Course with Advanced Standing with a BSc in Computer Science with Law**

15443.UG.69 Credit Transfer and Exemption

Students already holding the BSc with Honours in Computer Science with Law or the BSc in Computer Science with Law from this University shall be awarded credit transfer amounting to 240 credits and shall be exempted from the first and second years of the course.

Curriculum (Full-time study)

15443.UG.70 First and Second Years

The first and second year curricula are not taught as part of this degree course.

15443.UG.71 Third Year

All full-time students shall normally undertake classes amounting to 120 credits as follows

Compulsory Classes

M9 111 Criminal Law 1 20

M9 207 Public Law 2 2 20

M9 208 Domestic Relations 2 20

M9 211 Property Law 2 20

M9 212 European Community Law 2 20

M9 306 Evidence 3 20

15443.UG.72 Fourth Year

Regulation ???? shall apply.

Progress

**15443.UG.73** In order to progress to the Honours year of the course Regulation 00001.UG.1.40c shall apply.

15443.UG.74 Final Honours Classification

Regulation ??? shall apply.

15443.UG.75 Award

Regulations ??? and ??? shall apply.

**15443.UG.76 to**

**15443.UG.106 (numbers not used)**

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 Regulation 0000.1.UG]

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

R3 108 Italian 1A 1 20

R3 109 Italian 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 Domestic Relations 2 20

M9 210 Involuntary Obligations: Delict

and Unjustified Enrichment 2 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

R3 203 Italian Language 2A 2 20

R3 204 Italian 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 310 French Culture and History 3 3 20

OR

R3 305 Italian Language 3A 3 20

R3 306 Italian Language 3B 3 20

R3 374 Italian Stage and Screen 3 20

OR

R4 308 Spanish Language 3A 3 20

R4 309 Spanish Language 3B 3 20

R4 373 The Struggle for Modernity in

Spain and Latin America 3 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

**Italian**

R3 432 Italian Honours Spoken Language 4 20

R3 433 Italian 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:

(i) the first assessed attempt at compulsory and specified optional classes taken in the fifth year;

(ii) 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.

**15443.UG.116** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.117** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

**15443.UG.118** In order to progress to the fifth year of the course Regulation 00001.UG.1.46 shall apply.

Award

**15443.UG.119 LLB with Honours:** Notwithstanding Regulation 0000.1UG.1.9, 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 0000.1UG.1.9, 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 0000.1UG.1.9, 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 0000.1UG.1.9, 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** Notwithstanding Regulation 0000.1UG.1.9, a student with fewer than 140 credits but not less than 120 credits in Law classes may qualify for a Certificate in Higher Education in Law.

**15443.UG.125 to**

**15443.UG.153 (numbers)**

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 Regulation 00001.UG]

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 academic 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 end of semester one of their first year.

15443.UG.155 Mode of Study

The 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 Regulations 15443.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 208 Domestic Relations 2 20

M9 120 Voluntary Obligations: Contract

and Promise (Clinical) 1 20

Either

M9 115 Legal Process 1 20

or

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

Either

M9 207 Public Law 2 2 20

or

M9 214 Public Law 2 (Clinical) 2 20

Either

M9 312 Legal Theory 3 20

or

M9 217 Legal Theory (Clinical) 3 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 Property, Trusts and Succession 2 20

or

M9 218 Property Trusts and

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

Elective Classes 20

Optional Classes

40 credits chosen from

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

M9 343 Planning Law (Clinical) 3 20

or from the optional classes listed in Regulation 15443.UG.5

15443.UG.160 Fourth Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Class

Either

M9 498 Dissertation 4 40

Or

M9 415 Dissertation (Clinical) 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 413 Consumer Law 4 20

M9 414 Mediation 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 420 Legal Profession 4 20

M9 422 Mediation (Clinical) 4 20

M9 423 Social and Welfare Law 4 20

M9 425 Labour Law (Clinical) 4 20

M9 426 Computer Law 4 20

M9 428 Legislation Law 4 20

M9 430 Law, Justice and Discretion (Clinical) 4 20

M9 433 Constitutional 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 453 Obligations 4 20

M9 456 Law, Justice and Society 4 20

M9 459 Financial Services Regulation 4 20

M9 463 Regulating Work in a Global Economy 4 20

M9 499 Ethics and Justice 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.

**15443.UG.162** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.163** In order to progress to the fourth year of the Regulation 00001.UG.1.45 shall apply 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 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 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 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 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 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, 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 160 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 120 Voluntary Obligations: Contract

and Promise (Clinical) 1 20

M9 208 Domestic Relations 2 20

Either

M9 115 Legal Process 1 20

or

M9 119 Legal Process (Clinical) 1 20

Either

M9 210 Involuntary Obligations: Delict

and Unjustified Enrichment 2 20

or

M9 216 Involuntary Obligations: Delict

and Unjustified Enrichment (Clinical) 2 20

15443.UG.173 Third Year

All students shall normally undertake classes amounting to 140 credits as follows

Compulsory Classes

M9 306 Evidence 3 20

M9 320 Clinical Legal Practice 3 20

M9 212 European Union Law 2 20

M9 345 Ethics and Justice 3 20

Either

M9 312 Legal Theory 3 20

or

M9 217 Legal Theory (Clinical) 3 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 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:** 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 0000.1UG.1.9 these must include 120 credits at Level 4 (40 of which must be credits in Clinical classes).

**15443.UG.178** **LLB (Clinical):** Notwithstanding Regulation 0000.1UG.1.9, 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 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.180 to**

**15443.UG.210 (numbers not used)**

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 Regulation 00001.UG]

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 Commercial Law 2 20

M9 210 Involuntary Obligations: Delict

and Unjust Enrichment 2 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 120 credits as follows

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 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 408 European Union Law 4 20

M9 407 Law, Persons and Property 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 413 Consumer Law 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 420 Legal Profession 4 20

M9 423 Social and Welfare Law 4 20

M9 426 Computer Law 4 20

M9 428 Legislation 4 20

M9 433 Constitutional Law 4 20

M9 439 Global Health, Rights and Development 4 20

M9 446 Environmental Law 4 20

M9 452 Family Law 4 20

M9 453 Obligations 4 20

M9 456 Law, Justice and Society 4 20

M9 459 Financial Services Regulation 4 20

M9 463 Regulating Work in a Global Economy 4 20

M9 499 Ethics and Justice\* 4 20

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

\*This class is available only to students undertaking Law Clinic or equivalent work.

15443.UG.217 Progress

In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**15443.UG.218** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.219** In order to progress to the Fourth (Honours) year of the course Regulation 00001.UG.1.45 shall apply.

Award

**15443.UG.220 LLB with Honours:** 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.

**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.

**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.

**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.

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 160 credits as follows

Compulsory Classes

M9 207 Public Law 2 2 20

M9 209 Commercial Law 2 20

M9 210 Involuntary Obligations: Delict

and Unjust Enrichment 2 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

See Regulation ???

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 ???? may transfer to the Fourth Year of the full-time LLB with Honours.

15443UG.262 Award

Regulations ??? - ??? shall apply.

**15443.UG.263 to**

**15443.UG.293 (numbers not used)**

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 Regulation 00001.UG]

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 116 Public Law 1 1 20

M9 118 Legal Methods (Clinical) 1 20

M9 120 Voluntary Obligations: Contract and

Promise (Clinical) 1 20

M9 208 Domestic Relations 2 20

Either

M9 115 Legal Process 1 20

or

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 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 312 Legal Theory 3 20

or

M9 217 Legal Theory (Clinical) 3 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 Property, Trusts and Succession 2 20

or

M9 218 Property Trusts and Succession

(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 320 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

Compulsory Class

Either

M9 498 Dissertation 4 40

Or

M9 415 Dissertation (Clinical) 4 40

Optional Classes

No fewer than 60 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 413 Consumer Law 4 20

M9 414 Mediation 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 420 Legal Profession 4 20

M9 422 Mediation (Clinical) 4 20

M9 423 Social and Welfare Law 4 20

M9 425 Labour Law (Clinical) 4 20

M9 426 Computer Law 4 20

M9 428 Legislation Law 4 20

M9 430 Law, Justice and Discretion (Clinical) 4 20

M9 433 Constitutional Law 4 20

M9 446 Environmental Law 4 20

M9 452 Family Law 4 20

M9 453 Obligations 4 20

M9 456 Law, Justice and Society 4 20

M9 459 Financial Services Regulation 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.

**15443.UG.301** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.302** In order to progress to the fourth year of the course Regulation 00001.UG.1.45 shall apply.

Award

**15443.UG.303** **LLB (Clinical) with Honours:** 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 0000.1UG.1.9, these must include 120 credits at Level 4 (40 of which must be credits in Clinical classes).

**15443.UG.304** **LLB (Clinical):** 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.1.67d 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.1.67e 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.

**15443.UG.308 to**

**15443.UG.338 (numbers not used)**

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 Regulation 00001.UG]

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 120 credits as follows

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 the Law School’s list of Level 3 options

GU 306 Roman Law of Property and

Obligations 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 310 Planning Law 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 320 Clinical Legal Practice\* 3 20

M9 345 Ethics and Justice\* 3 20

M9 338 Local Government Law 3 20

M9 352 Internet Law 3 20

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

\*Can only be taken by students working in the Law Clinic or approved work placement.

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

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 413 Consumer Law 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 420 Legal Profession 4 20

M9 423 Social and Welfare Law 4 20

M9 426 Computer Law 4 20

M9 428 Legislation 4 20

M9 433 Constitutional Law 4 20

M9 446 Environmental Law 4 20

M9 452 Family Law 4 20

M9 453 Obligations 4 20

M9 456 Law, Justice and Society 4 20

M9 459 Financial Services Regulation 4 20

M9 499 Ethics and Justice\* 4 20

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

\*This class is available only to students undertaking Law Clinic or equivalent work.

Progress

**15443.UG.344** In order to progress to the third year of the course Regulation 00001.UG.1.44 shall apply.

**15443.UG.345** In order to progress to the Fourth (Honours) year of the course Regulation 00001.UG.1.45 shall apply.

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 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 0000.1UG.1.9, these must include 120 credits at Level 4.

**15443.UG.348** **BA:** 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.1.67e 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.

**15443.UG.351 to**

**15443.UG.381 (numbers not used)**

**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 Regulation 00001.UG]

15418.UG.1 Place of Study

The courses involve placements outwith 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 126 Introductory Physiology and

Biomechanics 1 20

B1 127 Physiology and Biomechanics 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

Physical Activity Psychology 2 20

B1 223 Measurement and Statistics 2 20

B1 224 Physical Activity for Health, Fitness and

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 479 Research Project in Physical Activity

for Health 3 20

Optional Classes

60 credits chosen from

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 446 Physical Education in Schools 4 20

B1 447 Biomechanics of Human Movement 4 20

B1 449 Nutrition for Health and Exercise 4 20

B1 451 Physical Activity with Special

Populations 4 20

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 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 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 shall apply.

Progress (Part-time study)

**15418.UG.10**  Regulations 00001.UG.1.49 to 00001.UG.50 shall apply

15418.UG.11 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 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.

**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.

**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.

**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.

**15418.UG.16 to**

**15418.UG.46 (numbers not used)**

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 Regulation 0000.1.UG]

*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. 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 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.

**14413.UG.9** **BSc:** In order to qualify for the award of the BSc in Psychology Regulation 00001.UG.1.76 shall apply.

**14413.UG.10 to**

**14413.UG.30 (numbers not used)**

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 Regulation 00001.UG]

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 Social and Health Psychology 2 20

C8 203 Introduction to Research Design and

Analysis 2 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.

**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.

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.

**14413.UG.45 to**

**14413.UG.75 (numbers not used)**

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 Regulation 00001.UG]

**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.

**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.

**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.

**14413.UG.83 to**

**14413.UG.113 (numbers not used)**

SCHOOL OF PSYCHOLOGICAL SCIENCES AND HEALTH

SPEECH AND LANGUAGE PATHOLOGY

BSc with Honours in Speech and Language Pathology

BSc in Human Communication Studies

Diploma of Higher Education in Human Communication Studies

**Certificate of Higher Education in Human Communication Studies**

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

15417.UG.1 Mode of Study

The course is available by full-time study only.

15417.UG.2 Place of Study

The course involves placements and lectures outwith 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

15417.UG.3 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes Level Credits

B6103 Linguistics 1: Pragmatics and

Psycholinguistics 1 10

B6104 Phonetics: Theory 1 10

B6105 Phonetics: Production and

Transcription 1 10

B6106 Specialised Anatomy for

Speech and Language 1 20

Pathology

B6107 Engaging with Professional Study 1 20

B6112 Personal Development and

Professional Practice 1 1 20

C8107 Introduction to Psychology 1 20

BE106 Anatomy and Physiology for Speech

and Language Pathology 1 10

**15417.UG.4 Second Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

B6 208 Speech, Language and Communication

Needs and Intervention 1 2 20

B6 209 Speech, Language and Communication

Needs and Intervention 2 2 20

B6 211 Personal Development and Professional

Practice 2 2 20

B6 227 Linguistics 2: Grammar, Semantics

and Prosody 2 20

B6 228 Aphasia, Dysarthria and Dysphagia 2 20

B6 229 Neurology and Paediatrics 2 10

B6 230 Audiology & ENT 2 10

**15417.UG.5 Third Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

B6 327 Personal Development and

Professional Practice 3 3 20

B6 340 Linguistics 3: Sociolinguistics,

Multilingualism And Speech Acoustics 3 20

B6 341 Fluency, Voice and Counselling 3 20

B6 342 Further Studies in Acquired

Adult Communication Disorders 3 20

B6 343 Communication Difficulties in Lifelong

Conditions 3 20

C8 203 Introduction to Research Design

and Analysis 2 20

A student who fails only B6327 Personal Development and Professional Practice 3 at the first attempt can opt to take an alternative form of re-assessment at the second attempt, as per Regulation 00001.UG.1.34. 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 Course Handbook.

**15417.UG.6 Fourth Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

B6435 Research Investigation 1 4 20

B6346 Research Investigation 2 4 20

B6 441 Advanced Study Option 1 4 20

B6 439 Personal Development and Professional

Practice 4 4 20

B6 437 Continuing Professional Development\* 4 20

B6 442 Advanced Study Option 2\* 4 20

\* Students who undertake study abroad will substitute these classes with an external study equivalent.

EX 411 External Study 4 40

Progress

**15417.UG.7** In order to progress to the second year of the course Regulation 00001. UG.1.43 shall apply.

**15417.UG.8** In order to progress to the third year of the course Regulation 00001. UG.1.44 shall apply.

**15417.UG.9** In order to progress to the fourth year of the course Regulation 00001. UG.1.45 shall apply , including a pass for B6327 Personal Development and Professional Practice 3 only where an alternative form of assessment has not been taken (see Regulation 15417.UG.5.)

15417.UG.10 Final Honours Classification

The final Honours classification will normally be based on:

(i) the first assessed attempt at compulsory classes taken in the fourth year, together with the first assessed attempt at B6437 Continuing Professional Development and B6442 Advanced Study Option 2, if taken; *and*

(ii) The first assessed attempt at compulsory classes taken in the third year, with the exception of C8203 Introduction to Research Design and Analysis.

Award

**15417.UG.11** **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology Regulation 00001. UG.1.75 shall apply.

**15417.UG.12 BSc**: In order to qualify for the award of the degree of BSc in Human Communication Studies Regulation 00001. UG.1.76 shall apply.

**15417.UG.13 Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Human Communication Studies Regulation 00001. UG.1.77 shall apply.

**15417.UG.14** **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Human Communication Studies Regulation 00001. UG.1.78 shall apply.

**15417.UG.15 to**

**15417.UG.40 (numbers not used)**

**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 the General Regulations for Undergraduate Study at the University of Strathclyde Regulation 00001.UG]

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

Elective Class(es) 20

15414.UG.6 Second Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

L5 201 Social Work Organization 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

L5 215 People, Communities and Society 2 20

15414.UG.7 Third Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

L5 309 Assessed Practice 1 3 60

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

***BA in Applied Social Studies***

Elective Classes 60

**15414.UG.8 Fourth Year**

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

L5 407 Assessed Practice 2 4 60

L5 409 Lifelong Learning for Social Work 4 20

L5 410 Honours Dissertation 4 40

Progress

**15414.UG.9**  In order to progress to the second year of the course Regulation 00001.UG.1.43 shall apply.

**15414.UG.10** 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 pass in the following class: L5 206 Social Work Processes and Practice.

**15414.UG.11** In order to progress to the fourth year of the course in addition to satisfying the requirements of Regulation 00001.UG.1.45 a student must also gain passes in the following class: *L5 309 Assessed Practice 1*.

**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 and must include class *L5 407 Assessed Practice 2.*

**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.

**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.

**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.

**15414.UG.18 to**

**15414.UG.48 (numbers not used)**

**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 Regulation 00001.UG]

15414.UG.49 Admission

Notwithstanding Regulation 00001.UG.1.1, 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, 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.

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. 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.

Award

**15414.UG60 BA (Honours):** In order to qualify for the award of theBA (Honours) in Education and Social Services Regulation 000001.UG.1.75 shall apply.

**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.

**15414.UG.62 Diploma of Higher Education**: in order to qualify for the award of a Diploma of Higher Education in Education and Social Sevices Regulation 00001. UG.1.77 shall apply.

**15414.UG.63 to**

**15414.UG.93 (numbers not used)**

VALIDATED COURSES

SOCIAL SCIENCES

**Diploma of Higher Education in Social Sciences**

Certificate of Higher Education in Social Sciences

Course Regulations

[These regulations are to be read in conjunction with Regulation 00001.UG]

15300.UG.473 Admission

In addition to the requirements of Regulation 2, applicants will normally be required to attend for interview as part of the selection process.

Direct entry to the Diploma may be permitted subject to approval of the Vice-Dean (Academic) on the recommendation of the Course Leader. In such cases, account will be taken of prior learning. Where direct entry to the Diploma is permitted, the student will be granted an appropriate number of credits by the Vice-Dean (Academic) on the recommendation of the Course Leader.

15300.UG.474 Status of the Courses

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

15300.UG.475 Mode of Study

The courses are available by full-time study only.

15300.UG.476 Place of Study

The courses are taught at the City of Glasgow College (formerly Central College).

Curriculum

15300.UG.477 First Year

All students shall undertake classes amounting to 120 credits as follows

Compulsory Classes

CC 117 Politics 1A 1 20

CC 118 Politics 1B 1 20

CC 121 Psychology 1A 1 20

CC 124 Introduction to Economics 1 20

CC 128 History 1A 1 20

CC 129 History 1B 1 20

**Second Year**

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

Compulsory Classes

CC 244 International Relations and

Global Politics 2 20

CC 245 Contemporary British Governance 2 20

CC 246 Modern Political Thought 2 20

3 x 20 credit classes at level 2 in History

15300.UG.478 Progress

In order to progress to the second year of the course in addition to satisfying the requirements of Regulation UG.1.43 a student must also gain passes in the following classes: *CC 117 Politics 1A, CC 118 Politics 1B, CC 128 History 1A and CC 129 History 1B.*

Award

**15300.UG.479** **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Social Sciences Regulation UG.1.77 shall apply.

**15300.UG.480 Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Social Sciences Regulation UG.1.78 shall apply.

**15300.UG.481 Transfer**

A candidate who has accumulated no fewer than 240 credits from the course curriculum including those for all the compulsory classes, and who is deemed to have achieved an approved standard of performance, may be permitted to transfer to the third year of the BA in Humanities and Social Sciences.

Elective Classes

[Note: the following list of elective classes is not exhaustive but consists of those classes which are offered only as electives and which are not recorded elsewhere in the course regulations]

16 130 Introduction to Engineering 1 10

17 120 Introduction to Geology 1 10

17 141 Transportation 1 10

22 147 Freehand Drawing 1 1 10

22 158 Introduction to Computing 1 10

22 159 IT Skills Induction Programme 1 10

23 101 Pharmaceutical sciences and

Drug Development 1 10

52 226 Approaches to Multimedia 1 10

57 102 Herbal Medicines 1 10

65 101 Biomedical Engineering 1 10

AG 103 Introduction to Accounting 1 10

AG 104 Introduction to Finance 1 10

CA 123 Music in Society 1 10

CH 110 Practical Chemistry Skills 1 10

CU 101 Using ICT to Enhance Teaching and

Learning of People in the Past 1 10

EN 101 Disability and Society 1 10

EN 104 Understanding and Responding

to Challenging Behaviour 1 10

EN 105 Understanding Inclusive Education 1 10

H2 101 Sustainable Development by

Topic Study 1 10

H4 101 Disability and Society 1 10

LE 101 Celtic Studies 1 10

LE 102 Gaelic Language, Culture and Arts 1 10

MM 106 Essential Statistics 1 10

MM 107 Data Analysis and Protection 1 10

MM 108 Applying Mathematics 1 1 10

MM 109 Applying Mathematics 2 1 10

MM 118 Foundation Statistics 1 10

MT 103 Science and Technology Today 1 10

PE 113 Sustainable Development 1 10

SC 103 Introduction to Creative Arts 1 1 10

SC 104 Pottery for Beginners 1 10

SC 122 Challenging Learning 1: An Introduction 1 10

X5 134 Improve your Powers of Communication 1 10

X5 135 Technological Education in Scotland 1 10

X7 107 Understanding and Supporting

Childhood (Sem 1) 1 10

X9 102 Understanding and Supporting

Childhood (Sem 1) 1 10

XF 102 Information and Communication

Technology 1 10

XF 108 Digital Photography 1 (Semester 1) 1 10

XF 109 Digital Photography 1 (Semester 2) 1 10

L5 113 International Perspectives in

Social Work 1 20

XF 126 Digital Photography and Image

Manipulation 1 20

L5 114 Understanding and Responding to

Domestic Abuse 1 20

R1 107 French 1 (Beginners) 1 20

R4 107 Spanish 1 (Beginners) 1 20

R2 100 German 1 (Beginners) 1 20

R8 100 Portuguese 1 (Beginners) 1 20

R3 116 Italian 1 (Beginners) 1 20

R7 100 Polish 1 (Beginnners) 1 20

EL 100 Proficiency English 1 20

EL 101 Intermediate English 1 20

EL 102 Advanced English 1 20

18 250 Introduction to Process Biotechnology 2 10

22 246 Architectural Workshop 2 2 10

22 247 Freehand Drawing 2 2 10

22 260 Introduction to AutoCAD 2 10

53 202 Statistics for Engineers 2 10

CA 223 Broadcasting: Radio and On-line 2 20

MM 212 Mathematics 2 2 10

MM 217 Mathematics 2M 2 10

OS 475 Digital Photography 2 – The Digital

Dark Room 2 10

SC 219 Multi-Disciplinary Outdoor Learning 2 10

SC 241 Video Production 2 20

SC 242 Video Animation 2 20

XF 201 Social Justice in Professional Roles 2 10

R1 113 French 2 (Lower Intermediate) 2 20

R4 112 Spanish 2 (Lower Intermediate) 2 20

R2101 German 2 (Lower Intermediate) 2 20

R8 101 Portuguese 2 (Lower Intermediate) 2 20

R3 117 Italian 2 (Lower Intermediate) 2 20

R7101 Polish 2 (Lower Intermediate) 2 20

17 359 Interdisciplinary Project 1 3 10

17 360 Interdisciplinary Project 2 3 20

ED 314 Art and Childhood 3 10

Z1 116 Entrepreneurship: Implementing

Entrepreneurship 3 20

Z1 313 Social and Community Enterprise

Volunteering 3 20

QQ 324 TextLab 3

R1 393 French 3

(Intermediate/Lower Intermediate) 3 20

R4 376 Spanish 3

(Intermediate/Lower Intermediate) 3 20

R2 361 German 3

(Intermediate/Lower Intermediate) 3 20

R8 300 Portuguese 3

(Intermediate/Lower Intermediate) 3 20

R3 396 Italian 3

(Intermediate/Lower Intermediate) 3 20

R7 300 Polish 3

(Intermediate/Lower Intermediate) 3 20

18 417 Chemical Engineering Project 4 20

(\* available to incoming exchange students only)

22 465 Generative Design Systems 4 10

SC 409 Art in the Environment 4 10

X8 401 Personal Development in a

Professional Context 4 10

QQ 407 TextLab 4

***Research Training and Instructional Classes***

[Note: the following list of Research Training and Instructional Classes is not exhaustive but consists of those classes which are not recorded elsewhere in the Course Regulations]

CH 902 Research Training and Instruction 5 25

CH 903 Supplementary Research Training

and Instruction 5 5

CH 904 Supplementary Research

Training and Instruction 5 10

CH 905 Research Training and

Instruction (MPhil) 5 15

CH 905 Research Training and Instruction 5 15

Z1 932 Technology Commercialisation and New

Business Development 5 10

PH 966 Becoming an Engaging Researcher 5 10

***Continuing Professional Development Classes***

[Note: the following list of Continuing Professional Development Classes is not exhaustive. It consists of classes which are not recorded elsewhere in the course regulations]

MS 924 Spreadsheet Modelling and Demand

Forecasting 5 10

MS 925 Strategy Modelling and Management 5 10

MS 940 Foundations of Operational Research and

Business Analysis 5 5

MS 941 Foundations of Quantitative Business

Analysis 5 5

MS 942 Quantitative Business Data Analysis 5 5

MS 943 Deterministic Operational research

Algorithms 5 5

MS 944 Modelling with Uncertainty 5 5

MS 945 System Dynamics 5 5

MS 946 Discrete Event Simulation 5 5

MS 947 Multi-criteria Decision Analysis

and Game Theory 5 5

MS 948 Decision Analysis with Bayes Nets 5 5

MS 949 Fundamentals of Risk Analysis 5 5

MS 955 Problem Structuring Methods 5 5

MS 9XX Managing Business Operations 5 5

MP 969 Researcher Skills Training 1 5 10

MP 970 Researcher Skills Training 2 5 15

SF 928 Organisation of the University of Strathclyde

Research Day 5 15

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

**Graduate Diploma in Chemistry**

**Graduate Diploma in Chemistry with Analytical Chemistry**

**Graduate Diploma in Chemistry with Forensic Chemistry**

**Graduate Diploma in Chemistry with Drug Discovery**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**12448.GD.1**  Regulation 00001.GD.1 shall apply

**Duration of Study**

**12448.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply

**Mode of Study**

**12448.GD.3** The courses are available by full-time and part-time study

**Curriculum**

**12448.GD.4** All students shall undertake classes amounting to 120 credits as follows

Level Credits

***Chemistry***

CH 467 Graduate Diploma in Chemistry 4 120

***Chemistry with Forensic Chemistry***

CH 465 Graduate Diploma in Chemistry

with Forensic Chemistry 4 120

***Chemistry with Analytical Chemistry***

CH 464 Graduate Diploma in Chemistry

with Analytical Chemistry 4 120

***Chemistry with Drug Discovery***

CH 466 Graduate Diploma in Chemistry

with Drug Discovery 4 120

Each of the above classes comprises

CH 412 Core Chemistry 4 40

CH 436 Project and Dissertation 4 40

CH 437 Career Skills 4 20

together with a class in the relevant subject area

either

CH 413 Chemistry Specialisation 4 20

OR

CH 414 Forensic Chemistry Specialisation 4 20

OR

CH 417 Analytical Chemistry Specialisation 4 20

OR

CH 442 Drug Discovery Specialisation 4 20

**Examination, Progress and Final Assessment**

**12448.GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

**Award**

**12448.GD.6** **Graduate Diploma**: In order to qualify for the award of Graduate Diploma 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 436 Project and Dissertation.

**12448.GD.7 to**

**12448.GD.37 (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 Regulation 00001.GD]

**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.

**12448.GD.44 to**

**12448.GD.74 (Numbers not used.)**

**DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES**

**Graduate Diploma in Computer Science**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 0000.1.GD]

**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.

**12212.GD.7 to**

**12212.GD.37 (Numbers not used**

**DEPARTMENT OF MATHEMATICS**

**Graduate Diploma in Mathematics**

**Graduate Diploma in Mathematics and Statistics**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD

**Duration of Study**

**12305.GD.1** Regulations 00001.GD.5 and 00001.GD.6 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

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 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.

**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.

**12305.GD.6**

**to 12305.GD.36 (Numbers not used)**

**DEPARTMENT OF PHYSICS**

**Graduate Diploma in Physics**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**12424.GD.1** Regulation 00001.GD.1 shall apply

**Duration of Study**

**12424.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply

**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 458 Topics in Quantum 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 Regulation 00001.GD]

**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

**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.

**12424.GD.45**

**to 12424.GD.75 (Numbers not used)**

**STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES**

**Graduate Diploma in Biochemistry and Immunology**

**Graduate Diploma in Biochemistry and Microbiology**

**Graduate Diploma in Biochemistry and Pharmacology**

**Graduate Diploma in Immunology and Microbiology**

**Graduate Diploma in Immunology and Pharmacology**

**Graduate Diploma in Biomedical Science**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**12100.GD.1** Regulation 00001.GD.1 shall apply.

**Duration of Study**

**12100.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**Mode of Study**

**12100.GD.3**  The courses are available by full-time and part-time study.

**Curriculum**

**12100.GD.4** All full-time students shall undertake classes amounting to 120 credits as follows

Compulsory Class

BM 436 Graduate Diploma in Biomolecular Sciences

BM 436 comprises

Compulsory Class

BM 432 Being a Biomolecular Scientist 4 4 40

together with classes appropriate to the chosen course

***Biochemistry and Immunology***

Compulsory Classes

BM 427 Advanced Immunology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 426 Clinical Immunology 4 20 BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Biochemistry and Microbiology***

Compulsory Classes

BM 425 Advanced Microbiology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

Plus 20 credits from the following classes

BM423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Biochemistry and Pharmacology***

Compulsory Classes

BM 429 Advanced Pharmacology 4 20

BM 430 Advanced Biochemistry 4 20

20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits from the following classes

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

***Microbiology and Pharmacology***

Compulsory Classes

BM 429 Advanced Pharmacology 4 20

BM 425 Advanced Microbiology 4 20

20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

***Biomedical Science***

Compulsory Class

BM 427 Clinical Immunology 4 20

BM 423 Clinical Biochemistry 4 20

BM 424 Clinical Microbiology 4 20

BM 422 Advanced Biomedical Science:

Cellular and Molecular Pathology 4 20

***Immunology and Microbiology***

Compulsory Classes

BM 427 Advanced Immunology 4 20

BM 425 Advanced Microbiology 4 20

20 credits from the following classes

BM 426 Clinical Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 424 Clinical Microbiology 4 20

BM 435 Applied Microbiology 4 20

***Immunology and Pharmacology***

Compulsory Classes

BM 427 Advanced Immunology 4 20

BM 429 Advanced Pharmacology 4 20

20 credits from the following classes

BM 426 Clinical Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits from the following classes

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

***Immunology***

Compulsory Classes

BM 427 Advanced Immunology 4 20

BM 426 Clinical Immunology 4 20

BM 433 Applied Immunology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Pharmacology***

BM 429 Advanced Pharmacology 4 20

BM 434 Clinical Pharmacology 4 20

BM 428 Applied Pharmacology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Biochemistry***

BM 430 Advanced Biochemistry 4 20

BM 423 Clinical Biochemistry 4 20

BM 431 Applied Biochemistry 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Microbiology***

BM425 Advanced Microbiology 4 20

BM424 Clinical Microbiology 4 20

BM435 Applied Microbiology 4 20

Plus 20 credits chosen from the classes listed in this Regulation

***Biomolecular Sciences***

Optional Classes

80 credits chosen from the classes listed in this Regulation

**Examination, Progress and Final Assessment**

**12100.GD.5** Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

**12100.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**

**12100.GD.7** **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 BM 401 Research in Biomedical Sciences.

**12100.GD.8 to**

**12100.GD.38 (Numbers not used)**

**CIVIL ENGINEERING**

**Graduate Diploma in Civil Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**11024.GD.1**  **Admission**

Regulation 00001.GD.1 shall apply

**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.

**11024.GD.6 to**

**11024.GD.36 (numbers not used)**

**FACULTY OF ENGINEERING**

**Graduate Diploma in Electronic and Electrical Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD

**Admission**

**11036.GD.1** Regulation 00001.GD.1 shall apply.

**Duration of Study**

**11036.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**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.

**11036.GD.8 to**

**11036.GD.39 (Numbers not used)**

**Graduate Diploma in Information Technology Systems**

**(Conversion Course)**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**11036.GD.40**  Regulation 00001.GD.1 shall apply

**Duration of Study**

**11036.GD.41** Regulations 00001.GD.5 and 00001.GD.6 shall apply

**Mode of Study**

**11036.GD.42** The courses are available by full-time and part-time study. Students follow a course of instruction including a dissertation.

**Curriculum**

**11036.GD.43** All students shall undertake an approved curriculum of no fewer than 150 credits as follows

Compulsory Class Level Credits

EE 400 Dissertation 4 30

Optional Classes

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

19 205 Analogue Electronics 2 10

19 206 Digital Electronics 2 10

19 267 Electronic Processing Systems 2 2 10

19 313 Signals and Systems 3 10

19 325 Communications 3 10

19 343 Electronic CAD Project 1 3 10

19 345 Analogue Electronics 3 3 10

19 359 Electronic Processing Systems 3 3 10

19 449 Computer Vision 4 10

19 511 Mobile Communication Systems 4 10

19 980 Microcontroller Applications 4 10

19 981 Digital Signal Processing 4 10

19 983 Advanced Micro processing Design and

Neurocomputing 4 10

19 984 Photonic Systems 4 10

19 989 Information Transmission and Security 4 10

19 990 Communication Networks 4 10

53 202 Statistics for Engineers 2 10

56 103 Fundamentals of Engineering

Management 1 10

56 201 Fundamentals of E-Business 2 10

56 205 Facilities Management 2 10

56 206 Management of Design Process 2 10

56 304 Engineering Economics 3 10

56 310 Sales Purchasing and Marketing 3 10

56 315 Managing People 3 10

EE 401 Engineering Analysis 4 10

EE 402 VHDL 4 10

Z1 104 Entrepreneurship: Introduction to Business

Start-up 1 10

**Examination, Progress and Final Assessment**

**11036.GD.44** Regulations 00001.GD.10 – 00001.GD.11 shall apply.

**Award**

**11036.GD.45** **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Information Technology Systems, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits with at least 90 credits from Level 4 or above and obtained a pass in the dissertation.

**11036.GD.46 to**

**11036.GD47 (numbers not used)**

**DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING**

**Graduate Diploma in Mechanical and Aerospace Engineering**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**11048.GD.1** Regulation 00001.GD.1 shall apply.

**Duration of Study**

**11048.GD.2** Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**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 Class Level Credits

ME 421 Graduate Diploma Individual Project 4 40

Optional Classes

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

Optional classes must incorporate no fewer than 50 credits at Level 4 or above

**11036.GD.5** Optional Classes at Levels 3 and 4

16 318 Measurement, Instrumentation and

Control 3 10

ME 305 Dynamics 3 3 10

16 366 Engineering Analysis 3 (Sem 1) 3 10

16 367 Engineering Analysis 3 (Sem 2) 3 10

ME 302 Thermodynamics 3 3 10

ME 303 Fluid Mechanics 3 3 10

16 327 Structural Mechanics 3 10

ME 415 Strategic Analysis of Engineering

Business Case Studies 4 10

ME 416 Engineering Ethics 4 10

16 402 Case Studies in Engineering 4 10

16 429 Computer Aided Engineering Design 4 20

ME 403 Engineering Materials Selection 4 10

ME 414 Advanced Mechanics and Dynamics 4 20

ME 405 Heat and Flow 4 4 10

ME 410 Aerodynamic Performance 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.

**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 with at least 90 credits from Level 4 or above of which 40 must have been awarded in respect of the Individual Project ME 421.

**11036.GD.9 to**

**11036.GD.39 (numbers not used)**

**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**

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

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

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**Admission**

**15445.GD.1** Regulation 00001.GD.1 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

**15445.GD.2** An applicant possessing a qualification deemed appropriate by Senate may undertake elements of the course in the Gaelic Medium.

**15445.GD.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/subjects).

**15445.GD.4** Applicants are normally required to submit to an interview.

**Duration of Study**

**15445.GD.5**  Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**Mode of Study**

**15445.GD.6** The courses are available by full-time and part-time study.

**Place of Study**

**15445.GD.7** The courses involve placements in schools and other establishments for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

**Course Structure**

**15445.GD.8** The Professional Graduate Diplomas in Education have a common overall structure where award of qualifications depends upon the pursuance of a named specialisation. Elements of the course may be undertaken in the Gaelic Medium. The structure of the courses is as follows:

Educational Perspectives and Policies 20 credits

Principles and Policy in Practice 10 credits

Professional Specialisation 10 credits

Placement Learning 40 credits

Creative Contexts for Learning 40 credits

Students are strongly encouraged, to undertake a maximum of 80 credits at Level 5 from their curriculum towards their award of PGDE. Secondary students may undertake Creative Contexts for Learning in one additional subject from an approved list of dual subject combinations and gain a further 40 credits. Such students will, therefore, undertake 160 credits on their curriculum.

***Curriculum: Primary Specialism***

**15445.GD.9** All students shall undertake an approved curriculum as follows

Compulsory Classes Level Credits

X3 404 Placement Learning 4 40

together with

X3 402 Educational Perspectives

and Policies 1 4 20

or

X3 988 Educational Perspectives

and Policies 2 5 20

and

X3 405 Principles and Policy

in Practice 1 4 10

or

X3 997 Principles and Policy in

Practice 2 5 10

And

X3 401 Professional Specialisation 1 4 10

Or

X3 501 Professional Specialisation 2 5 10

and

X3 406 Creative Contexts for Learning

Primary 1 4 40

Or

X3 502 Creative Contexts for Learning

Primary 2 5 40

***Curriculum: Primary Specialism in the Gaelic Medium***

**15445.GD.10** All students shall undertake an approved curriculum as follows

Compulsory Classes

X3 407 Placement Learning

(Gaelic Medium) 4 40

together with

X3 464 Educational Perspectives and

Policies 1 (Gaelic Medium) 4 20

OR

X3 559 Educational Perspectives and

Policies 2 (Gaelic Medium) 5 20

and

X3 462 Principles and Policy in Practice 1

(Gaelic Medium) 4 10

OR

X3 558 Principles and Policy in Practice 2

(Gaelic Medium) 5 10

And

X3 464 Professional Specialisation

1 (Gaelic Medium) 4 10

OR

X3 560 Professional Specialisation 2

(Gaelic Medium) 5 10

And

X3 460 Creative Contexts for Learning

Primary 1 (Gaelic Medium) 4 40

OR

X3 556 Creative Contexts for Learning

Primary 2 (Gaelic Medium) 5 40

***Curriculum: Secondary Specialism***

**15445.GD.11**  All students shall undertake an approved curriculum as follows

Compulsory Classes

X3 404 Placement Learning 4 40

together with

X3 402 Educational Perspectives and

Policies 1 4 20

OR

X3 988 Educational Perspectives and

Policies 2 5 20

And

X3 405 Principles and Policy in Practice 1 4 10

OR

X3 997 Principles and Policy in Practice 2 5 10

And

X3 401 Professional Specialisation 1 4 10

OR

X3 501 Professional Specialisation 2 5 10

together with classes in the chosen subject specialisation

***Art and Design***

X3 459 Creative Contexts for Learning

Art & Design 1 4 40

OR

X3 546 Creative Contexts for Learning

Art & Design 2 5 40

***Biology with Science***

X3 430 Creative Contexts for Learning

Biology with Science 1 4 40

OR

X3 524 Creative Contexts for Learning

Biology with Science 2 5 40

***Business Education***

X3 456 Creative Contexts for

Learning Business Education 1 4 40

OR

X3 536 Creative Contexts for Learning

Business Education 2 5 40

***Chemistry with Science***

X3 403 Creative Contexts for Learning

Chemistry with Science 1 4 40

OR

X3 525 Creative Contexts for Learning

Chemistry with Science 2 5 40

***Computing Science***

X3 439 Creative Contexts for Learning

Computing 1 4 40

OR

X3 530 Creative Contexts for Learning

Computing 2 5 40

***English***

X3 465 Creative Contexts for

Learning English 1 4 40

OR

X3 555 Creative Contexts for Learning

English 2 5 40

***Gaelic***

X3 461 Creative Contexts for Learning

Gaelic 1 4 40

OR

X3 557 Creative Contexts for Learning

Gaelic 2 5 40

***Geography***

X3 441 Creative Contexts for Learning

Geography 1 4 40

OR

X3 531 Creative Contexts for Learning

Geography 2 5 40

***History***

X3 443 Creative Contexts for

Learning History 1 4 40

OR

X3 532 Creative Contexts for Learning

History 2 5 40

***Home Economics***

X3 449 Creative Contexts for Learning Home

Economics 1 4 40

OR

X3 535 Creative Contexts for Learning Home

Economics 2 5 40

***Mathematics***

X3 435 Creative Contexts for Learning

Mathematics 1 4 40

OR

X3 527 Creative Contexts for

Learning Mathematics 2 5 40

***Modern Languages (French)***

X3 424 Creative Contexts for Learning Modern

Languages (French) 1 4 40

OR

X3 518 Creative Contexts for Learning Modern

Languages (French) 2 5 40

***Modern Languages (German)***

X3 416 Creative Contexts for Learning

German 1 4 40

OR

X3 511 Creative Contexts for Learning

German 2 5 40

***Modern Languages (Italian)***

X3 428 Creative Contexts for Learning

Italian 1 4 40

OR

X3 522 Creative Contexts for Learning

Italian 2 5 40

***Modern Languages (Mandarin)***

X3 422 Creative Contexts for Learning

Mandarin 1 4 40

OR

X3 517 Creative Contexts for Learning

Mandarin 2 5 40

***Modern Languages (Spanish)***

X3 410 Creative Contexts for Learning

Spanish 1 4 40

OR

X3 505 Creative Contexts for Learning

Spanish 2 5 40

***Modern Languages (French and German)***

X3 420 Creative Contexts for Learning

French and German 1 4 40

OR

X3 515 Creative Contexts for Learning

French and German 2 5 40

***Modern Languages (French and Italian)***

X3 426 Creative Contexts for Learning

French and Italian 1 4 40

OR

X3 520 Creative Contexts for Learning

French and Italian 2 5 40

***Modern Languages (French and Spanish)***

X3 414 Creative Contexts for Learning

French and Spanish 1 4 40

OR

X3 509 Creative Contexts for Learning

French and Spanish 2 5 40

***Modern Languages (German and French)***

X3 418 Creative Contexts for Learning

German and French 1 4 40

OR

X3 512 Creative Contexts for Learning

German and French 2 5 40

***Modern Languages (Spanish and French)***

X3 412 Creative Contexts for Learning

Spanish and French 1 4 40

OR

X3 507 Creative Contexts for Learning

Spanish and French 2 5 40

***Modern Languages (Spanish and Italian)***

X9 125 Creative Contexts for Learning

Spanish and Italian 1 4 40

X9 114 Creative Contexts for Learning

Spanish and Italian 2 5 40

***Modern Languages (Italian and Spanish)***

X9 142 Creative Contexts for Learning

Italian and Spanish 1 4 40

X9 145 Creative Contexts for Learning

Italian and Spanish 2 5 40

***Modern Languages (Spanish and German)***

X7 447 Creative Contexts for Learning

Spanish and German 1 4 40

X3 846 Creative Contexts for Learning

Spanish and German 2 5 40

***Modern Languages (Italian and German)***

X7 446 Creative Contexts for Learning

Italian and German 1 4 40

X3 845 Creative Contexts for Learning

Italian and German 2 5 40

***Modern Languages (German and Spanish)***

X7 428 Creative Contexts for Learning

German a Spanish 1 4 40

X3 844 Creative Contexts for Learning

German and Spanish 2 5 40

***Modern Languages (German and Italian)***

X7 427 Creative Contexts for Learning

German and Italian 1 4 40

X3 843 Creative Contexts for Learning

German and Italian 2 5 40

***Modern Studies***

X3 447 Creative Contexts for Learning

Modern Studies 1 4 40

Or

X3 534 Creative Contexts for Learning

Modern Studies 2 5 40

***Music***

X3 408 Creative Contexts for Learning

Music 1 4 40

OR

X3 503 Creative Contexts for Learning

Music 2 5 40

***Physics with Science***

X3 433 Creative Contexts for Learning

Physics with Science 1 4 40

OR

X3 526 Creative Contexts for Learning

Physics with Science 2 5 40

***Physical Education***

X3 445 Creative Contexts for Learning

Physical Education 1 4 40

OR

X3 533 Creative Contexts for Learning

Physical Education 2 5 40

***Psychology***

X3 437 Creative Contexts for Learning

Psychology 1 4 40

OR

X3 528 Creative Contexts for Learning

Psychology 2 5 40

***Religious and Moral Education***

X3 453 Creative Contexts for Learning RME 1 4 40

OR

X3 540 Creative Contexts for Learning RME 2 5 40

***Technological Education***

X3 451 Creative Contexts for Learning

Technological Education 1 4 40

OR

X3 542 Creative Contexts for Learning

Technological Education 2 5 40

***Curriculum: Secondary Specialism in the Gaelic Medium***

**15445.GD.12**  All students shall undertake an approved curriculum as follows

X3 407 Placement Learning (Gaelic Medium) 4 40

and either

X3 463 Educational Perspectives and Policies

(Gaelic Medium) 1 4 40

OR

X3 559 Educational Perspectives and Policies

(Gaelic Medium) 2 5 40

And

X3 462 Principles and Policy in Practice

(Gaelic Medium) 1 4 40

OR

X3 558 Principles and Policy in Practice

(Gaelic Medium) 2 5 40

And

X3 464 Professional Specialisation 1

(Gaelic Medium) 4 40

Or

X3 560 Professional Specialisation 2

(Gaelic Medium) 5 40

together with classes appropriate to the chosen subject specialisation

***Art and Design (Gaelic Medium)***

X3 455 Creative Contexts for Learning

Art & Design (Gaelic Medium) 1 4 40

OR

X3 547 Creative Contexts for Learning

Art & Design 2 (Gaelic Medium) 5 40

***Biology with Science (Gaelic Medium)***

X3 431 Creative Contexts for Learning

Biology 1 with Science

(Gaelic Medium) 4 40

OR

X3 553 Creative Contexts for Learning

Biology with Science 2

(Gaelic Medium) 5 40

***Business Education (Gaelic Medium)***

X3 457 Creative Contexts for Learning

Business Education 1

(Gaelic Medium) 4 40

OR

X3 554 Creative Contexts for Learning

Business Education 2

(Gaelic Medium) 5 40

***Chemistry with Science (Gaelic Medium)***

X3 432 Creative Contexts for Learning

Chemistry 1 with Science

(Gaelic Medium) 4 40

OR

X3 552 Creative Contexts for Learning

Chemistry with Science 2

(Gaelic Medium) 5 40

***Computing (Gaelic Medium)***

X3 440 Creative Contexts for Learning

Computing 1 (Gaelic Medium) 4 40

OR

X3 551 Creative Contexts for Learning

Computing 2 (Gaelic Medium) 5 40

***Geography (Gaelic Medium)***

X3 442 Creative Contexts for Learning

Geography 1 (Gaelic Medium) 4 40

OR

X3 550 Creative Contexts for Learning

Geography 2 (Gaelic Medium) 5 40

***History (Gaelic Medium)***

X3 444 Creative Contexts for Learning

History 1 (Gaelic Medium) 4 40

OR

X3 549 Creative Contexts for Learning

History 2 (Gaelic Medium) 5 40

***Home Economics (Gaelic Medium)***

X3 450 Creative Contexts for Learning

Home Economics 1(Gaelic Medium) 4 40

and

X3 548 Creative Contexts for Learning

Home Economics 2 (Gaelic Medium) 5 40

***Mathematics (Gaelic Medium)***

X3 436 Creative Contexts for Learning

Mathematics 1 (Gaelic Medium) 4 40

OR

X3 539 Creative Contexts for Learning

Mathematics (Gaelic Medium) 2 5 40

***Modern Languages (French) (Gaelic Medium)***

X3 425 Creative Contexts for Learning

French 1 (Gaelic Medium) 4 40

OR

X3 519 Creative Contexts for Learning

French2 (Gaelic Medium) 5 40

***Modern Languages (German) (Gaelic Medium)***

X3 417 Creative Contexts for Learning

German 1 (Gaelic Medium) 4 40

OR

X3 513 Creative Contexts for Learning

German 2 (Gaelic Medium) 5 40

***Modern Languages (Italian) (Gaelic Medium)***

X3 429 Creative Contexts for Learning

Italian1 (Gaelic Medium) 4 40

OR

X3 523 Creative Contexts for Learning

Italian 2 (Gaelic Medium) 5 40

***Modern Languages (Mandarin) (Gaelic Medium)***

X3 423 Creative Contexts for Learning

Mandarin 1 (Gaelic Medium) 4 40

OR

X3 541 Creative Contexts for Learning

Mandarin 2 (Gaelic Medium) 5 40

***Modern Languages (Spanish) (Gaelic Medium)***

X3 411 Creative Contexts for Learning

Spanish 1 (Gaelic Medium) 4 40

OR

X3 506 Creative Contexts for Learning

Spanish 2 (Gaelic Medium) 5 40

***Modern Languages (French and German) (Gaelic Medium)***

X3 419 Creative Contexts for Learning

French and German (Gaelic Medium) 1 4 40

OR

X3 516 Creative Contexts for Learning Modern Languages (French and German) (Gaelic Medium) 2 5 40

***Modern Languages (French and Italian) (Gaelic Medium)***

X3 427 Creative Contexts for Learning French

and Italian 1 (Gaelic Medium) 4 40

OR

X3 521 Creative Contexts for Learning French

and Italian 2 (Gaelic Medium) 5 40

***Modern Languages (French and Spanish) (Gaelic Medium)***

X3 415 Creative Contexts for Learning

Modern Languages

(French and Spanish) (Gaelic Medium) 1 4 40

OR

X3 510 Creative Contexts for Learning

French and Spanish 2 (Gaelic Medium) 5 40

***Modern Languages (German and French) (Gaelic Medium)***

X3 421 Creative Contexts for Learning German

and French 1 (Gaelic Medium) 4 40

OR

X3 514 Creative Contexts for Learning German

and French 2 (Gaelic Medium) 5 40

***Modern Languages (Spanish and French) (Gaelic Medium)***

X3 413 Creative Contexts for Learning Spanish

and French1 (Gaelic Medium) 4 40

OR

X3 508 Creative Contexts for Learning Spanish

and French 2 (Gaelic Medium) 5 40

***Modern Languages (Spanish and Italian)***

X9 125 Creative contexts for Learning

Spanish and Italian 1 4 40

X9 114 Creative Contexts for Learning

Spanish and Italian 2 5 40

***Modern Languages (Italian and Spanish)***

X9 142 Creative Contexts for Learning

Italian and Spanish 1 5 40

X9 145 Creative Contexts for Learning

Italian and Spanish 2 5 40

***Modern Studies (Gaelic Medium)***

X3 448 Creative Contexts for Learning

Modern Studies 1 (Gaelic Medium) 4 40

OR

X3 538 Creative Contexts for Learning

Modern Studies 2 (Gaelic Medium) 5 40

***Music (Gaelic Medium)***

X3 409 Creative Contexts for Learning Music 1

(Gaelic Medium) 4 40

OR

X3 504 Creative Contexts for Learning Music 2

(Gaelic Medium) 5 40

***Physics with Science (Gaelic Medium)***

X3 434 Creative Contexts for Learning Physics

with Science 1 (Gaelic Medium) 4 40

OR

X3 537 Creative Contexts for Learning Physics

with Science 2 (Gaelic Medium) 5 40

***Physical Education (Gaelic Medium)***

X3 446 Creative Contexts for Learning

Physical Education 1 (Gaelic Medium) 4 40

OR

X3 545 Creative Contexts for Learning Physical Education

(Gaelic Medium) 2 5 40

***Psychology (Gaelic Medium)***

X3 438 Creative Contexts for Learning

Psychology (Gaelic Medium) 1 4 40

OR

X3 529 Creative Contexts for Learning

Psychology (Gaelic Medium) 2 5 40

***Religious and Moral Education (Gaelic Medium)***

X3 454 Creative Contexts for Learning RME 1

(Gaelic Medium) 4 40

OR

X3 544 Creative Contexts for Learning RME 2

(Gaelic Medium) 5 40

***Technological Education (Gaelic Medium)***

X3 452 Creative Contexts for Learning

Technological Education

(Gaelic Medium) 1 4 40

OR

X3 543 Creative Contexts for Learning

Technological Education

(Gaelic Medium) 2 5 40

**Examination, Progress and Final Assessment**

**15445.GD.12** Notwithstanding the provisions of Regulation 00001.GD.30, a student who has failed to achieve a satisfactory standard in the assignments may be permitted by the Board of Examiners to have one further attempt to obtain a pass in the outstanding assignments no later than the October of the year following registration on the course.

**15445.GD.13** Notwithstanding the provisions of Regulation 00001.GD.30, a student who has failed to achieve a satisfactory standard in Placement Experience by the June of the year following registration on the course may be permitted one further period of Placement Experience in order to achieve a satisfactory standard.

**15445.GD.14** Notwithstanding the provisions of Regulation 00001.GD.20 and as permitted by Regulation 00001.GD.31, 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.

**15445.GD.15** The final assessment for the award of the Professional Graduate Diploma in Education will be based on performance in Placement Experience and coursework.

**Award**

**15445.GD.16** In order to qualify for the award of a Professional Graduate Diploma in Education, a candidate must have demonstrated that they have met the Standard for Initial Teacher Education as specified by the General Teaching Council for Scotland and the Scottish Government.

**15445.GD.17** **Professional Graduate Diploma in Education (Primary):** In order to qualify for the award of Professional Graduate Diploma in Education (Primary), a candidate must have accumulated no fewer than 120 credits from the course curriculum.

**15445.GD.18** Professional Graduate Diploma in Education (Secondary in a named subject): In order to qualify for the award of Professional Graduate Diploma in Education (Secondary in named subject) a candidate must have accumulated no fewer than 120 credits from the course curriculum including those from classes in the named subject and no fewer than 160 credits in two named subjects.

**15445.GD.19**

**to 15445.GD.49 (Numbers not used)**

**Graduate Diploma in English Studies**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**15402.GD.1** **Admission**

Notwithstanding Regulation 00001.GD.1, applicants shall normally possess

(i) a degree, in a discipline other than English Literature, of a United Kingdom university; or

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

**15402.GD.2 Duration of Study**

Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**15402.GD.3 Mode of Study**

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

**15402.GD.4 Curriculum**

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

Compulsory Class

ES 400 Dissertation 4 30

Optional Classes

No fewer than 90 credits chosen from the Level 4 optional classes available in Regulation ???

**15402.GD.5 Examination, Progress and Final Assessment**

Candidates are required to pass written examinations and to perform satisfactorily in the course work and in the Dissertation.

Candidates who fail to satisfy the examiners in any class shall be permitted one further attempt to pass the relevant class(es) normally in the same academic year.

Progress between semesters, and where appropriate between years, may be dependent on satisfactory performance in the earlier part of the course.

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

**Award**

**15402.GD.6 Graduate Diploma in English Studies**: In order to qualify for the award of the Graduate Diploma in English Studies, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 120 credits of which 30 must have been awarded in respect of the Dissertation ES 400.

**15402.GD.7 Graduate Diploma in English Studies with distinction**: A candidate who satisfies the requirements of the regulations governing the award of the Graduate Diploma and who has, in the opinion of the Board of Examiners and according to prescribed criteria, attained a high level of overall performance in the coursework, may be awarded the Graduate Diploma in English Studies with distinction.

**15402.GD.8 to**

**15402.GD.38 (numbers not used)**

**English Language Teaching Division**

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

**Graduate Diploma in English for Postgraduate Study**

**Course Regulations**

[These regulations are to be read in conjunction with Regulation 00001.GD]

**15402.GD.39** **Admission**

Regulation 0000.1.GD.1 shall apply.

**15402.GD.40** **Duration of Study**

Regulations 00001.GD.5 and 00001.GD.6 shall apply.

**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 Study Skills for Postgraduate Study 4 10

AF 413 Speaking and Listening in

Specific Academic Contexts 4 10

**Unit 3**

AF 408 British Life and Institutions 4 10

AF 411 Academic Speaking 4 10

AF 412 Postgraduate Study Project 4 10

AF 414 Integrated EAP Skills 4 10

**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.

**15402.GD.45 to**

**15402.GD.75 (numbers not used)**

Changes and restrictions are made from time to time and the University reserves the right to add, amend or withdraw courses and facilities, to restrict student numbers and to make any other alterations, as it may deem necessary and desirable. Changes are published by incorporation in the next edition of the Course Regulations.

Any queries about the contents of the Course Regulations should be directed to the Education Quality and Policy Manager, Education Enhancement, University of Strathclyde, Glasgow G1 1XQ (Telephone 0141 548 4967).