University of Strathclyde Glasgow

General and Programme Regulations for Degrees of Bachelor and Integrated Master 2025-26

Version No.	Description	Author	Approval	Effective Date
1	General and Programme Regulations for Degrees of Bachelor and Integrated Master 2025-26	Quality Enhancement & Assurance Team	N/A	01 August 2025

CONTENTS LIST

UNDERGRADUATE GENERAL REGULATIONS

General regulations for the degree of Integrated Master, Bachelor with Honours, Degree of Bachelor, Diploma of Higher Education and Certificate of Higher Education.
General Regulations for Graduate Diploma, other programmes requiring graduate entry and Open Studies Certificate.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

Master of Architecture in Architectural Studies
Master of Architecture in Architectural Studies with International Study
Bachelor of Science with Honours in Architectural Studies
Bachelor of Science with Honours in Architectural Studies with International Study
Bachelor of Science in Architectural Studies
Bachelor of Science in Architectural Studies with International Study

DEPARTMENT OF BIOMEDICAL ENGINEERING

Graduate Diploma in Biomedical Engineering

Master of Engineering in Biomedical Engineering
Bachelor of Engineering with Honours in Biomedical Engineering
Bachelor of Engineering in Biomedical Engineering

Bachelor of Science with Honours in Prosthetics and Orthotics
Bachelor of Engineering in Engineering Studies

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

Bachelor of Engineering with Honours in Chemical Engineering – Bahrain
Bachelor of Engineering in Chemical Engineering – Bahrain

Bachelor of Engineering with Honours in Chemical Engineering - Degree Apprenticeship
Bachelor of Engineering in Chemical Engineering - Degree Apprenticeship

Master of Engineering in Chemical Engineering by Distance Learning
Bachelor of Engineering in Chemical Engineering by Distance Learning

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

Master of Engineering in Chemical Engineering
Bachelor of Engineering with Honours in Chemical Engineering
Bachelor of Engineering in Chemical Engineering

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Bachelor of Engineering with Honours in Civil Engineering – Bahrain
Bachelor of Engineering in Civil Engineering – Bahrain

Bachelor of Engineering with Honours in Civil Engineering – Degree Apprenticeship
Bachelor of Engineering in Civil Engineering – Degree Apprenticeship

Bachelor of Engineering with Honours in Civil Engineering – Graduate Apprenticeship
Bachelor of Engineering in Civil Engineering – Graduate Apprenticeship

Master of Engineering in Civil Engineering
Master of Engineering in Civil and Environmental Engineering
Bachelor of Engineering with Honours in Civil Engineering
Bachelor of Engineering with Honours in Civil and Environmental Engineering
Bachelor of Engineering in Civil Engineering
Bachelor of Engineering in Civil and Environmental Engineering

Bachelor of Engineering with Honours in Structural and Architectural Engineering
Bachelor of Engineering in Structural and Architectural Engineering

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

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

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

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

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

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

Master of Engineering in Computer and Electronic Systems
Master of Engineering in Computer and Electronic Systems with International Study
Bachelor of Engineering with Honours in Computer and Electronic Systems
Bachelor of Engineering in Computer and Electronic Systems

Master of Engineering in Electrical and Mechanical Engineering
Master of Engineering in Electrical and Mechanical Engineering with International Study
Bachelor of Engineering with Honours in Electrical and Mechanical Engineering
Bachelor of Engineering in Electrical and Mechanical Engineering

Bachelor of Engineering with Honours in Electronic and Electrical Engineering – Bahrain
Bachelor of Engineering in Electronic and Electrical Engineering – Bahrain

Graduate Diploma in Electronic and Electrical Engineering

Master of Engineering in Electronic and Electrical Engineering
Master of Engineering in Electronic and Electrical Engineering with Business Studies
Master of Engineering in Electronic and Electrical Engineering with International Study
Master of Engineering in Electrical Energy Systems
Master of Engineering in Electronic and Digital Systems
Bachelor of Engineering with Honours in Electronic and Electrical Engineering
Bachelor of Engineering in Electronic and Electrical Engineering

FACULTY PROGRAMME

Bachelor of Engineering Engineering Academy

Bachelor of Engineering with Honours in Engineering: Design and Manufacture
Bachelor of Engineering in Engineering: Design and Manufacture

Bachelor of Engineering in Engineering Studies

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Bachelor of Engineering with Honours in Mechanical Engineering – Bahrain
Bachelor of Engineering in Mechanical Engineering – Bahrain

Graduate Diploma in Mechanical and Aerospace Engineering

Master of Engineering in Aero-Mechanical Engineering
Master of Engineering in Mechanical Engineering
Master of Engineering in Mechanical Engineering with International Study
Bachelor of Engineering with Honours in Aero-Mechanical Engineering
Bachelor of Engineering with Honours in Mechanical Engineering
Bachelor of Engineering with Honours in Mechanical Engineering with International Study
Bachelor of Engineering in Mechanical Engineering

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

Master of Engineering in Naval Architecture and Marine Engineering
Master of Engineering in Naval Architecture with Ocean Engineering
Master of Engineering in Naval Architecture with High Performance Marine Vehicles
Bachelor of Engineering with Honours in Naval Architecture and Marine Engineering
Bachelor of Engineering with Honours in Naval Architecture with Ocean Engineering
Bachelor of Engineering with Honours in Naval Architecture with High Performance Marine Vehicles
Bachelor of Engineering in Naval Architecture and Marine Engineering
Bachelor of Engineering in Naval Architecture with Ocean Engineering
Bachelor of Engineering in Naval Architecture with High Performance Marine Vehicles

Graduate Diploma in Ocean and Marine Engineering

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING OPEN STUDIES

Open Studies Certificate (Named Pathway)

STRATHCLYDE INSTITUTE OF EDUCATION

Bachelor of Arts in Childhood Practice

Bachelor of Science with Honours in Education and Curricular Studies with Teaching Qualification in (named pathway)

Bachelor of Arts with Honours in Education and Teaching English to Speakers of Other Languages (TESOL)
Bachelor of Arts in Education and Teaching English to Speakers of Other Languages (TESOL)

Graduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE).

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

Bachelor of Arts with Honours in Primary Education
Bachelor of Arts with Honours in Primary Education with International Study
Bachelor of Arts in Humanities and Social Sciences
Bachelor of Arts in Humanities and Social Sciences with International Study

FACULTY PROGRAMMES

Bachelor of Arts with Honours in (Subject(s))
Bachelor of Arts with Honours in (Subject(s)) with International Study
Bachelor of Arts in Humanities and Social Sciences
Bachelor of Arts in Humanities and Social Sciences with International Study

Graduate Diploma in English for Postgraduate Study

Diploma of Higher Education in Social Sciences
Certificate of Higher Education in Social Sciences

DEPARTMENT OF HUMANITIES

Certificate of Continuing Education in French
Certificate of Continuing Education in Italian
Certificate of Continuing Education in Mandarin
Certificate of Continuing Education in Spanish

Bachelor of Art with Honours in Intercultural Communication and Global Business
Bachelor of Art in Intercultural Communication and Global Business

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

Bachelor of Art with Honours in Philosophy, Politics and Economics
Bachelor of Art with Honours in Philosophy, Politics and Economics with International Study
Bachelor of Art in Philosophy, Politics and Economics
Bachelor of Art in Philosophy, Politics and Economics with International Study

STRATHCLYDE LAW SCHOOL

Bachelor of Laws (Clinical) with Honours
Bachelor of Laws (Clinical)
Bachelor of Laws

Bachelor of Laws with Honours in Law with a Modern Language
Bachelor of Laws in Law with a Modern Language

Bachelor of Laws with Honours
Bachelor of Laws

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

Bachelor of Science with Honours in Psychology and Counselling
Bachelor of Science in Psychology and Counselling

Bachelor of Science with Honours in Psychology

Bachelor of Science in Psychology

Bachelor of Science with Honours in Speech and Language Pathology
Bachelor of Science in Human Communication Studies

Bachelor of Science with Honours in Sport and Physical Activity
Bachelor of Science in Sport and Physical Activity

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

Bachelor of Arts with Honours in Education and Social Services
Bachelor of Arts in Education and Social Services

Bachelor of Arts with Honours in Social Work
Bachelor of Arts in Applied Social Studies

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

Certificate in Applied Business Skills (Breaking Barriers)
Certificate in Applied Business Skills (Forming Futures)

Bachelor of Arts with Honours in (Named Subject)
Bachelor of Arts in (Named Subject)

Bachelor of Arts with Honours in (Principal Subject(s))
Bachelor of Arts with Honours in (Principal Subject(s)) with International Study
Bachelor of Arts in (Principal Subject(s))
Bachelor of Arts in (Principal Subject(s)) with International Study
These regulations apply to entry on the above programmes from Academic Year 2021/22 onwards only.

Bachelor of Business Administration with Honours – Bahrain
Bachelor of Arts in Business Administration – Bahrain

Bachelor of Business Administration with Honours (in named specialisation)
Bachelor of Business Administration with Honours
Bachelor of Arts in Business Administration (in named specialisation)
Bachelor of Arts in Business Administration

Bachelor of Business Administration with Honours with a specialisation in Marketing – Bahrain
Bachelor of Arts in Business Administration with a specialisation in Marketing – Bahrain

Bachelor of Arts with Honours in Business Management
Bachelor of Arts in Business Management

Bachelor of Arts with Honours in International Business with (Principal Subject)
Bachelor of Arts in International Business

Master in International Business with a Modern Language
Bachelor of Arts with Honours in International Business with a Modern Language

VALIDATED PROGRAMMES

Diploma of Higher Education (Business)
Certificate of Higher Education (Business)

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

Bachelor of Science with Honours in Computer Science - Bahrain
Bachelor of Science in Computer Science - Bahrain

Master of Engineering in Computer Science
Bachelor of Science with Honours in Computer Science
Bachelor of Science in Computer Science

Graduate Diploma in Computer Science

Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Business Analysis
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Cyber Security
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in IT Consultant
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Software Engineering
Bachelor of Science in Digital and Technology Solutions

Bachelor of Science with Honours in IT: Management for Business
Bachelor of Science in IT: Management for Business

Bachelor of Science with Honours in IT: Software Development
Bachelor of Science in IT: Software Development

Bachelor of Science with Honours in Software Engineering - Bahrain
Bachelor of Science in Computer Science - Bahrain

Bachelor of Science with Honours in Software Engineering
Bachelor of Science in Computer Science

FACULTY PROGRAMMES

Certificate in Applied Science Skills

Bachelor of Science with Honours in Natural Sciences
Bachelor of Science with Honours in Natural Sciences (named subjects)
Bachelor of Science in Natural Sciences
Bachelor of Science in Natural Sciences (named subjects)

DEPARTMENT OF MATHEMATICS AND STATISTICS

Bachelor of Science with Honours in Data Analytics
Bachelor of Science in Data Analytics

Graduate Diploma in Mathematics
Graduate Diploma in Mathematics and Statistics

Bachelor of Science with Honours in Mathematics and Computer Science
Bachelor of Science in Mathematics and Computer Science

Bachelor of Science with Honours in Mathematics and Physics

Bachelor of Science in Mathematics and Physics

Bachelor of Science with Honours in Mathematics, Statistics and Accounting
Bachelor of Science in Mathematics, Statistics and Accounting

Bachelor of Science with Honours in Mathematics, Statistics and Business Analysis
Bachelor of Science in Mathematics, Statistics and Business Analysis

Bachelor of Science with Honours in Mathematics, Statistics and Economics
Bachelor of Science in Mathematics, Statistics and Economics

Bachelor of Science with Honours in Mathematics, Statistics and Finance
Bachelor of Science in Mathematics, Statistics and Finance

Master of Mathematics in Mathematics
Master of Mathematics in Mathematics and Statistics
Bachelor of Science with Honours in Mathematics
Bachelor of Science with Honours in Mathematics and Statistics
Bachelor of Science with Honours in Mathematics with Teaching
Bachelor of Science with Honours in Mathematics with Teaching (International)
Bachelor of Science in Mathematics

DEPARTMENT OF PHYSICS

Master of Physics in Physics with Advanced Research
Bachelor of Science with Honours in Physics
Bachelor of Science in Physics

Master of Physics in Physics
Master of Physics in Physics with Industrial Placement
Master of Physics in Physics with International Placement
Master of Physics in Physics with Specialisation in …
Bachelor of Science with Honours in Physics
Bachelor of Science with Honours in Physics with Teaching
Bachelor of Science with Honours in Physics with Teaching (International)
Bachelor of Science with Honours in Physics with Industrial Placement
Bachelor of Science with Honours in Physics with International Placement
Bachelor of Science in Physics

Graduate Diploma in Physics

Graduate Diploma in Physics (Conversion Programme)

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

Master of Science in Applied Chemistry and Chemical Engineering
Bachelor of Science with Honours in Applied Chemistry
Bachelor of Science in Chemistry

Bachelor of Science with Honours in Applied Chemistry
Bachelor of Science in Chemistry

Master of Chemistry in Chemistry with Data Science
Bachelor of Science with Honours in Chemistry with Data Science

Master of Chemistry in Chemistry with Drug Discovery
Bachelor of Science with Honours in Chemistry with Drug Discovery
Bachelor of Science with Honours in Chemistry (Professional Experience)
Bachelor of Science with Chemistry

Master of Chemistry in Chemistry
Master of Chemistry in Forensic and Analytical Chemistry
Master of Chemistry in Chemistry with Teaching
Bachelor of Science with Honours in Chemistry
Bachelor of Science with Honours in Chemistry with Teaching
Bachelor of Science with Honours in Chemistry with Teaching (International)
Bachelor of Science with Honours in Forensic and Analytical Chemistry
Bachelor of Science with Honours in Chemistry (Professional Experience)
Bachelor of Science in Forensic and Analytical Chemistry
Bachelor of Science in Chemistry
Bachelor of Science in Chemistry (Education)

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

Bachelor of Science with Honours in Biochemistry and Immunology
Bachelor of Science with Honours in Biochemistry and Microbiology
Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science with Honours in Immunology and Microbiology
Bachelor of Science with Honours in Immunology and Pharmacology
Bachelor of Science with Honours in Microbiology and Pharmacology
Bachelor of Science with Honours in Biomedical Science
Bachelor of Science with Honours in Biomolecular Sciences
Bachelor of Science with Honours in Biology with Teaching (International)
Bachelor of Science in Biological Sciences

Master of Science in Biochemistry
Master of Science in Immunology
Master of Science in Microbiology
Master of Science in Pharmacology
Bachelor of Science with Honours in Biochemistry and Immunology
Bachelor of Science with Honours in Biochemistry and Microbiology
Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science with Honours in Immunology and Microbiology
Bachelor of Science with Honours in Immunology and Pharmacology
Bachelor of Science with Honours in Microbiology and Pharmacology
Bachelor of Science with Honours in Biomedical Science
Bachelor of Science in Biological Sciences

Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science in Biological Sciences

Master of Pharmacy in Pharmacy
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences

Master of Pharmacy in Pharmacy (with Honours)
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences

Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences

Master of Pharmacy in Pharmacy (with Honours)
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences

University of Strathclyde Glasgow

General Academic Regulations
(Regulations Specific to a Particular Level of Study)

Undergraduate, Integrated Masters and Professional Graduate Degree Programme Level

Version No.	Description	Author	Approval	Effective Date
1	General Regulations for Undergraduate Students	QEAT	Senate	Sept 2021 for AY2021/22
2	Minor amendment to reflect policy in relation to Motivational Merit/Distinction	QEAT	Senate	January 2022
3	Consolidation and addition of Awards, addition of para on Admissions and other monor amendments	QEAT	Senate	June 2022
4	Para 92 add link to new Student Discipline Procedures	QEAT	N/A	12 Sept 2022
5	Para 32 – clarification of final mark Para 35 – no of attempts permitted Table 5 Reg 108 Classification – changes to reflect practice Table 9 Other Awards – correction of last line “Award”	QEAT	Senate	2024/25
6	Changes to Motivational Merit	AFWG & QEAT	Senate	2024/25
7	Remove para 34 “students may be required to attend and participate in an oral examination”	AFWG	Senate June 25	August 2025

Table of Contents

Glossary of Terms **3**
LIST OF AWARDS **5**
CONTEXT **5**
DEFINITION OF AWARDS **5**
JOINING THE UNIVERSITY **6**
Admission 6
Recognition of Prior Learning 6
Period of Study 7
Mode of Study 7
Place of Study 8
Registration Status 8
UNIVERSITY EXPECTATIONS **8**
Engagement 8
Assessment 8
PROGRAMME STRUCTURE **9**
Curriculum 9
Selecting Optional Modules 10
Credit Structure 10
Exceptions to the Standard Credit Structure 12
Award of Credits 12
Progression 12
Compensation Scheme 14
Restricted Examination Attendance 14
CHANGES TO REGISTRATION STATUS **15**
Transfer of Registration 15
Suspension 16
Registration with Attendance 16
Reattend 16
Student Misconduct 16
Unprofessional Conduct 16
Withdrawal 16
Transfer to Part-time 17
OUTCOMES **17**
Board of Examiners 17
Award 17
Classification 18
Appeals 20
Making a Complaint 21

GLOSSARY OF TERMS

Academic Suspension	An interruption of studies for an individual, on academic grounds.
Board of Examiners	A committee responsible for considering and approving module results, making student progression decisions or determining eligibility for awards.
Board of Study	A Faculty's senior academic committee, which makes recommendation directly to Senate and takes some decisions on behalf of Senate via delegated authority.
Compensation	Where a student has failed to attain the pass mark in a module, they may, in specific circumstances, be granted a pass by compensation.
Compulsory module	A module which *must* be taken as part of the programme curriculum.
Department	Academic Departments within each Faculty.
Elective module	A module which can be *freely chosen* by a student from programmes offered by the University **or** a module available where students have to choose from a specific list of modules.
Faculty	The University of Strathclyde has four faculties: • Engineering • Humanities and Social Sciences • Science • Strathclyde Business School
Optional module	A module chosen by a student from a list *defined* in a programme curriculum.
PEGASUS	An online portal which provides a number of services for students and staff members.
Programme Handbook	Guide detailing specific programme-related information.
Programme Regulations	Specific requirements for individual programmes of study.
Senate	The academic governing body within the University, responsible for all academic matters including academic standards and quality.
Reattend	This is a decision which is only taken in exceptional circumstances and it permits students to repeat their year of study.
Registration with Attendance	An option for students who are required to spend the session in Academic Suspension.

Regulations	The Regulations describe the remit and composition of various University committees; regulate the academic work of the University, the education and discipline of its students, and such other matters as lie within the functions of Senate. These Regulations stand separate to the General Academic Regulations.
University Ordinances	Regulatory document providing details on the way in which the University is governed.
Voluntary Suspension	A voluntary interruption of studies for an individual who is otherwise qualified for continued study.

LIST OF AWARDS

1. The following awards are conferred by the University by the authority of the Senate under Ordinance 3:

    a. Master in Science (MSci)
    b. Master of Architecture (MArch)
    c. Master of Chemistry (MChem)
    d. Master of Engineering (MEng)
    e. Master of Mathematics (MMath)
    f. Master of Pharmacy (MPharm)
    g. Master of Physics (MPhys)
    h. Bachelor of Arts (BA)
    i. Bachelor of Business Administration (BBA)
    j. Bachelor of Engineering (BEng)
    k. Bachelor of Laws (LLB)
    l. Bachelor of Science (BSc)
    m. Diploma of Higher Education (DipHE)
    n. Certificate of Higher Education (CertHE)
    o. Professional Graduate Diploma (PGDE)
    p. Graduate Diploma (Grad_Dipl)
    q. Graduate Certificate (Grad Cert)
    r. Open Studies Certificate (OSCert)
    s. Certificate of Continuing Education (CCEd)

CONTEXT

2. In interpreting the General Academic Regulations, regard should be given to the University's Academic Policies and Procedures and, where appropriate, Programme Handbooks.

3. Students should also read the General Academic Regulations in conjunction with the University's Constitutional Regulations which set out specific requirements for individual programmes and should be consulted for understanding the requirements of a particular programme of study.

4. Boards of Examiners are assigned to one (or more) programmes and are responsible for ratifying student results and for making recommendations to the Board of Study.

5. Senate delegates authority to Boards of Examiners to make decisions on student outcomes.

6. In the unlikely event of any conflict between the General Academic Regulations and other University publications, including Programme Handbooks, the Regulations take precedence.

DEFINITION OF AWARDS

7. Unless otherwise specified in Programme Regulations, each undergraduate programme offers the following qualifications:

    a. Integrated Master's degree

Study at bachelor level is integrated with study at Master's level.

b. *Honours degree*
The Bachelor degree with honours in Scotland is typically offered through the equivalent of four years of full-time higher education.

c. *Bachelor degree*
Typically, learning outcomes for these programmes would be expected to be achieved on the basis of study equivalent to three full-time academic years.

d. *Diploma of Higher Education*
The Diploma of Higher Education (DipHE) is typically offered after the successful completion of the equivalent of the first two years of full-time higher education in Scotland.

e. *Certificate of Higher Education*
The Certificate of Higher Education (CertHE) is available in a number of Scottish higher education institutions typically as an exit award after the successful completion of the equivalent of one year of full-time study.

f. *Professional Graduate Diploma*
The Professional Graduate Diploma in Education (PGDE) is available in a number of Scottish higher education institutions as the graduate entry route to those who want to become a Primary or Secondary teacher in Scotland, after the successful completion of nine months of full-time higher education.

g. *Graduate Diploma (Level 4)*
The Graduate Diploma (Grad-Dipl) is typically offered to graduates or equivalent through completion of nine months of full-time higher education.

h. *Graduate Certificate (Level 3)*
The Graduate Certificate (Grad Cert) is a derivative of the Graduate Diploma.

i. *Open Studies Certificate*
The Open Studies Certificate is designed to support learners in furthering their education and to provide a steppingstone to further study towards a Certificate in Higher Education.

JOINING THE UNIVERSITY

Admission

8. The University's Admissions Policy sets out the key areas for consideration when setting the admission criteria for a programme, including UK and/or international academic qualifications, articulation agreements, English language requirements, etc.

Recognition of Prior Learning

9. Recognition of Prior Learning is the process for recognising learning that has its source in experience and/or previous formal, non-formal, and informal learning contexts.

10. The University's Policy on the Recognition of Prior Learning deals with how prior learning can be recognised to allow exemption from specific modules of a Strathclyde

programme and/or to allow advanced entry leading to a Strathclyde award or qualification.

11. Recognition of Prior Learning is normally applied for at the point of admission. Please refer to the University's Policy on Recognition of Prior Learning for further information.

Period of Study

12. Standard minimum and maximum registration periods are set out in Table 1 below:

Table 1

Award	Minimum Period of Study (months)	Maximum Period of Study (months)
Certificate of Continuing Education (part time only)	36	48
Open Studies Certificate (part time only)	9	48
Certificate of Higher Education	12	24
Diploma of Higher Education	24	48
Bachelor	36	72
Graduate Certificate	6	12
Graduate Diploma	9	24
Professional Graduate Diploma	9	21
Bachelor with Honours	48	96
Bachelor with Honours including Compulsory External Placement	60	120
Integrated Master's	60	120

13. Exceptionally, the maximum period of study may be extended by the Senate on the recommendation of the Board of Study.

14. In some cases, students may enter programmes at different points, through articulation arrangements with Further Education Institutions and overseas institutions. In these cases, minimum and maximum programme lengths will be confirmed in the offer letter.

Mode of Study

15. Programmes may be offered on a full-time and/or part-time basis however part-time study is not available to certain groups, such as visa holding students.

16. At the discretion of the relevant Board of Study, on the recommendation of the relevant Head of Department (or their nominee), a student may transfer from full-time to part-time study and vice-versa where an appropriate programme is available. At this time, the relevant minimum and maximum periods of study will be reviewed. For some students, transfer from full-time to part-time study will be prohibited, in line with UK Visa & Immigration (UKVI) compliance requirements.

17. Part-time students will normally follow a pattern of working in line with that of full-time students, on a pro-rata basis.

Place of Study

18. Except where the Senate has approved distance learning arrangements for off-campus study, modules shall normally be undertaken within the University or within an institution or agency approved by the Senate for this purpose.

19. 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 programme, is permitted, however this does vary across programmes and additional study periods may be permitted as part of the programme of study.

Registration Status

20. Students must register for their programme and remain registered as a condition of their study. A student's registration status is subject to change in certain circumstances (see paragraph 82).

UNIVERSITY EXPECTATIONS

Engagement

21. Every student registered for a programme of study shall be required to engage in required elements regularly and to perform satisfactorily.

22. A student has an obligation to inform the University, at the first reasonable opportunity, of any medical or other circumstances which might adversely affect their engagement, performance and/or ability to study.

23. In cases where a student is not found to be engaging with required elements of programmes of study, and/or is failing to perform satisfactorily, they may be considered by the appropriate Board of Study for withdrawal of registration from the University on the basis of a lack of engagement and/or satisfactory academic performance.

24. In some cases, a Programme Director (or their nominee) may recommend to the Vice-Dean (Academic) that students are not permitted to take elements of the programme, where they are considered not to be appropriately engaging or performing satisfactorily. Decisions taken by the Vice-Dean (Academic) are ratified by the Board of Study. In such cases, students will be informed of this decision in writing. A student in this position may subsequently be permitted by the Programme Director (or their nominee) to undertake the missed element of the programme at the next available opportunity. This will be dependent on satisfactory attendance, engagement and performance.

Assessment

25. It is important that the nature of assessment is fully communicated to students via a range of materials.

26. A student shall complete the assessments during the academic year in which the modules were undertaken unless permitted by the relevant Board of Study to postpone the assessment or where alternative arrangements have been made in line with the University's Policy for Flexible Learning Arrangements.

27. Students are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the relevant coursework. In some programmes this may mean all or designated elements of assessment but may not always.

28. The relevant Board of Examiners may exceptionally permit alternative forms of re-assessment for a module where they consider it to be in a student's interests.

29. Taught modules shall be assessed by a range of methods of summative assessment.

30. Except where a programme includes an integrative/reflective module that will draw on work in other modules, each item of work may only be assessed in one module.

31. The University Assessment and Feedback Policy sets guidelines applicable to both undergraduate and postgraduate programmes.

32. For all modules at all Levels, unless otherwise stated, there will be a diet of formal assessment at the end of each semester and a re-sit diet. The module mark gained at the first attempt will be the mark used when calculating the credit weighted average.

33. 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 module shall undertake re-assessment at the first available opportunity.

34. A student who is deemed to have failed in a taught module at Level 1, 2 or 3 shall normally be permitted a further attempt at passing the module, as well as a maximum of two additional attempts at the discretion of the Board of Examiners. A student who is deemed to have failed in a taught module at Level 4 or 5 will not normally be permitted a further attempt at passing the module. At the discretion of the Board of Examiners, a maximum of one additional attempt may be permitted (see paragraph 79). In all cases the nature of re-assessment to be applied to all students shall be identified in relevant Programme Handbook.

PROGRAMME STRUCTURE

Curriculum

35. The curriculum of a programme may comprise compulsory, optional and/or elective modules.

36. Each student for an award must follow the curriculum as prescribed in the relevant Programme Regulations. These will be published on an annual basis by the Senate, having devolved responsibility to the Quality Assurance Committee.

37. Individual modules shall be assigned a level based on expected learning outcomes and a credit rating based on the volume of learning required.

38. The curriculum of every student must be approved by the relevant Head of Department (or their nominee), or equivalent, acting on behalf of the relevant Board of Study.

39. A pass in all compulsory modules is a necessary condition for award. Where a pass in a particular module is a necessary condition for progression this shall be clearly stated in the relevant programme regulations.

40. Programme delivery, materials, assessed work and oral examinations shall be in English unless stated otherwise in individual Programme Regulations and published in the Programme Handbook.

Selecting Optional Modules

41. The curriculum for a programme shall be set out in the Programme Regulations and shall indicate which modules are compulsory or optional.

42. Where unlisted optional modules may be chosen as part of the curriculum, the approval of the Head of Department (or their nominee) responsible for offering each module is also required.

43. The University cannot guarantee that all optional or elective modules will be available in any given academic year. The choice of modules 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 modules passed.

Credit Structure

44. The University employs a credit structure based on multiples of 20 credits[1]. The structure of undergraduate programmes shall normally accord with those set out below:

[1] There are some programmes with alternative credit structures, including credits that fall outwith the standard practice of multiples of 20. The structure of these programmes vary from the structure set by Senate and are only approved when a full case for variation from standard practice has been presented to Senate for consideration and Senate has agreed that the alternative credit structure can be implemented.

Table 2

Award	Credit Requirement	Minimum Level Requirement
Certificate of Continuing Education	120 credits	120 credits at Level 1
Open Studies Certificate	30 credits	30 credits at Level 1
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 Certificate	60 credits	60 credits at Level 3 and/or Level 4
Graduate Diploma	120 credits	Level 3 or 4 with a minimum of 90 at Level 4
Professional Graduate Diploma	120 credits	120 credits at level 4 or 5
Honours Degrees	480 credits	90 credits at both Level 3 and Level 4
Integrated Master Degrees	600 credits	120 credits at Level 5

45. For a typical student, one credit equates to approximately 10 notional hours of learning.

46. The following details regarding individual programmes are specified in the Programme Regulations:

    a. Programmes may specify minimum credit numbers greater than those given in the table above;
    b. Progress requirements for a programme available on a part-time basis;
    c. Credits in particular modules required for progress.

47. Credits at a higher level shall, where necessary, be deemed to satisfy the requirements at a lower level.

48. Each degree programme curriculum shall include elective modules, amounting to at least 20 credits, normally taken prior to the fourth year of full-time study[2].

49. A full-time student in each year of study will normally follow a curriculum containing 120 credits. These 120 credits shall include any elective credits.

50. A programme curriculum may exceed 120 credits in any one year by formal resolution of the Senate.

51. Exceptionally, additional optional modules at an appropriate level may be chosen as part of the curriculum, subject to the approval of the Head of Department (or their

[2] Paragraphs 48-56 do not apply to the Open Studies Certificate, Graduate Certificate, Graduate Diploma or the Professional Graduate Diploma,

nominee) responsible for offering each module. 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.

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

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

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

55. A degree programme curriculum in year 1 and/or year 2 may include one 40-credit module. This will be subject to the approval of the Senate

56. A student studying on a part-time or distance learning basis shall undertake a curriculum typically of between 40 and 80 credits in any year of study.

Exceptions to the Standard Credit Structure

57. There are exceptions to the 'multiples of 20' structure based on multiples of 10, such as programmes structured to meet professional accreditation requirements, graduate apprenticeships programmes, and programmes where a pedagogical case has been approved. These exceptions are approved by Senate and full details are available in the relevant Programme Regulations.

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

Award of Credits

59. A mark of 40% in a Level 1-4 modules (First, Second, Third & Fourth Year) is deemed a clear Pass.

60. A mark of 50% in Level 5 modules is deemed a clear Pass.

Progression

61. 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 (see paragraph 91). The Board makes a provisional decision in these circumstances which is only confirmed if the disciplinary proceedings find in favour of the student.

62. At all stages of the programme, a student must achieve an approved standard of performance with regard to level of study and academic attainment as specified in the Programme Handbook.

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

Table 3

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 Programme Regulations*
+ Or the total number of credits specified in the relevant Programme Regulations

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

65. The commendation of Merit and Distinction can be granted by Boards of Examiners when taking progression decisions for students at Levels 1-3 (and Level 4 for Integrated Masters Programmes) on all full-time and part-time programmes.

    a. A 'Pass with Merit' shall be granted where a student has achieved a credit-weighted average, rounded to the nearest integer, of 60 - 69%,
    b. A 'Pass with Distinction' shall be granted when a student has achieved a credit-weighted average, again rounded to the nearest integer, of 70 – 100%.
    c. Credit weighted average will be calculated on a minimum of 60 credits using modules:
        i. passed at first attempt or by compensation,
        ii. with a numerical mark (not pass/fail) including where study abroad marks have been converted to Strathclyde marks, and
        iii. taken in one full academic year.

66. Individual programmes may specify minimum credit numbers greater than those given above in which case these shall be given in the relevant Programme Regulations.

67. A student may be subject to a restriction in the number of modules that may be re-assessed.

68. 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 programme with fewer credits than specified in these Regulations.

69. 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 Programme Regulations.

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

Compensation Scheme

71. Where a student has failed to attain the Pass mark in a module they may, in line with the University's Policy on Compensation Scheme be granted a pass by compensation. The relevant Programme Handbook contains further details.

72. A pass by compensation shall be regarded as a Pass for which a student attains the requisite credits.

Restricted Examination Attendance

73. 'Restricted Examination Attendance' is referred to as NQ (Not Qualified) in some Faculties.

74. When a student does not satisfy engagement and performance requirements of a module, they shall not be entitled to take the assessment. The student shall be informed of this in writing.

75. A student who is deemed to have failed a taught module shall normally have one further opportunity to be re-assessed on a similar basis or by such other means as the Department offering the module may decide. The nature of re-assessment shall be identified in module descriptors and/or Programme Handbooks. The attempt shall normally be made at the next available formal assessment period.

76. Boards of Examiners may exceptionally permit alternative forms of re-assessment for a module where they consider it to be in a student's interest. The Board of Examiners may also require the student to re-attend the module.

77. The Board of Examiners may discount an attempt for a module where appropriate medical or other evidence has been provided, subject to report to the relevant Board of Study.

78. A student who satisfies the attendance and performance requirements of a module shall normally be permitted a further attempt at passing the module, as well as a maximum of two additional attempts at the discretion of the Board of Examiners. The Board of Examiners may additionally require a student to re-attend a module.

79. Board of Examiners may permit a student who satisfies the engagement and performance requirements of a module a further attempt - and a maximum of two further attempts at the discretion of the Board of Examiners - at passing the module. The Board of Examiners may additionally require a student to re-attend a module.

80. A student 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 will be granted by the Board of Examiners concerned.

CHANGES TO REGISTRATION STATUS

Transfer of Registration

81. On the recommendation of the relevant Head of Department (or their nominee), the Board of Study may approve transfer of a student's registration between:

    a. Certificate of Higher Education; or
    b. Diploma of Higher Education; or
    c. Degree of Bachelor; or
    d. Degree of Bachelor with Honours; or
    e. To an Integrated Masters degree, as appropriate, subject to a related programme being available.

82. The Board of Study shall determine what recognition towards the fulfilment of the requirements may be given to the period that the student has completed.

83. Where a student 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, Programme Director or Board of Examiners, may:

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

    b. 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).

84. Where a student registered for the Integrated Master's 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:

    a. 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 programme being available; or

    b. 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

c. suspend a student from attendance at modules 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 programme; or

d. terminate the student's registration and require the student to withdraw.

Suspension

85. On the recommendation of the relevant Head of Department (or their nominee), the relevant Vice Dean Academic or nominee may permit a student to undertake Voluntary Suspension for the whole or part of an academic year.

86. On the recommendation of the relevant Head of Department (or their nominee), may determine that a student undertakes a period of Academic Suspension.

87. Both Voluntary Suspension and Academic Suspension have implications for visa holding students.

Registration with Attendance

88. Registration with Attendance may be an option for students who are required to spend the session in Academic Suspension. If their application is successful, they are permitted to attend their failed modules on a part-basis while remaining on a full-time programme.

Reattend

89. In exceptional circumstances, a Reattend decision permits a student to repeat their year of study where the student has not gained sufficient credits to progress to the next stage of the programme or qualify for the aimed award and must reattend the same year of the programme next session.

Student Misconduct

90. The Student Discipline Procedures seek to ensure that any instances of misconduct (both academic and behavioural) are dealt with fairly and promptly by those with clear authority from the University. The Procedures apply to students who are subject to the discipline of the University as prescribed in the University Ordinances 5.2. A student may be required to withdraw from a programme as a consequence of misconduct. This decision would be taken by a Senate Discipline Committee on behalf of Senate.

Unprofessional Conduct

91. A student may be required to withdraw from a programme as a consequence of unprofessional conduct. Such a decision would be taken by a Fitness to Practise hearing on behalf of Senate.

Withdrawal

92. A student who is reported to the relevant Board of Study for persistent non-engagement at modules, in accordance with published Faculty procedures, may have their registration terminated and be required to withdraw from the programme.

93. Prior to the next scheduled meeting of a Board of Study, the Vice Dean (Academic) or nominee of the relevant Faculty may authorise the termination of a student's

registration and require that student to withdraw from their programme where that student has been reported for persistent non-engagement at modules or failure to engage with programme requirements. Such a termination of a student's registration may only be undertaken where:

a. a significant and persistent failure to attend or engage with programme requirements has been confirmed by the appropriate Department or Programme; and

b. 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 sections 1.10 and 1.11 of the Personal Circumstances and Academic Appeals Procedure.

94. The Vice Dean (Academic) or nominee will report such a decision to the next scheduled meeting of a Board of Study.

95. 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, their registration may be terminated by the Director of Student Experience (or nominee), resulting in a withdrawal.

Transfer to Part-time

96. On the recommendation of the relevant Programme Director (or their nominee), the relevant Vice Dean Academic or nominee may permit a student to transfer to part-time study subject to this mode of study being available.

OUTCOMES

Board of Examiners

97. 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 programme. It shall normally be convened by the Programme Director or Head of Department.

98. The Board of Examiners**,** acting on behalf of Senate, shall ratify one of the following:

a. award of the appropriate degree, diploma or certificate with distinction;
b. award of the appropriate degree, diploma or certificate with merit;
c. award of the appropriate degree, diploma or certificate;
d. progress to subsequent stages of the programme;
e. withholding of the award of the degree or other qualification pending further study or submission/resubmission of assignments.

Award

99. A student who satisfies the conditions of the Ordinances governing the award of degrees, diplomas and certificates and of the general and programme regulations will, on payment of the required fees, be entitled to receive the appropriate award.

100. To qualify for the award of the degree, a student must have achieved the credit requirements specified in the undergraduate credit structure and those of the curriculum as specified in the Programme Regulations. The graduate shall receive a

degree parchment setting forth the programme of study in which the degree has been granted and, if appropriate, the classification in which the graduate has been placed.

101. In order to qualify for a University of Strathclyde award, a student who has been granted exemption from earlier years of a University of Strathclyde programme through credit transfer or recognition of prior learning must gain from the University of Strathclyde programme 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 student must comply with the requirements of Ordinance 3.3.4.

102. A student who satisfies the conditions of the General and Programme Regulations shall be entitled to receive a Diploma of Higher Education or the Certificate of Higher Education.

103. A student who satisfies the requirements of the General and Programme 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 final year of the programme (or part-time equivalent). The credit-weighted average for 'Merit' is 60-69% and for 'with Distinction' is 70 – 100%.

104. A student on a programme 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:

Table 4

Award	**Credit Requirement**	**Minimum level of requirement**
Certificate of Higher Education	120 credits	100 credits at Level 1
Diploma of Higher Education	240 credits	100 credits at Level 2
Ordinary Degree	360 credits	60 credits at Level 3
Honours Degree	480 credits	90 credits at Level 4 180 credits at Levels 3 and 4
Integrated Masters	600 credits	90 credits at Level 4 120 credits at Level 5

Classification

Integrated Masters

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

a. a degree; or

b. a degree with merit; or
c. a degree with distinction.

106. In reaching their decision, the relevant Board of Examiners shall have regard to a student's performance against approved criteria and consider the credit weighted average mark against the following general framework:

Table 5

Classification	**Credit Weighted Average Mark**
Distinction / First Class	70 -100
Merit / Upper Second	60 – 69
Non-Classified / Lower Second	50 – 59
Non-Classified Or For some programmes the award will be dependent on the professional requirements for a particular subject area. Further information is available from the relevant Faculty/Department.	49 and below

107. A student registered for a degree of Integrated Masters who has failed to gain a credit weighted average mark of 50 or above may be transferred to the degree of Bachelor with Honours 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. Further information is available from the relevant Faculty/Department.

108. Integrated Masters degrees may alternatively use the classifications First, Upper Second and Lower Second, and not Distinction and Merit, where appropriate to discipline specific practice or to meet the accreditation requirements of Professional, Statutory or Regulatory Bodies.

Bachelor of Honours

109. A student entitled to the degree of Bachelor with Honours will be placed in one of the following classes:

a. First Class;
b. Second Class (Upper Division);
c. Second Class (Lower Division); or
d. Third Class.

110. In reaching their decision, the relevant Board of Examiners shall have regard to a student's performance against approved criteria and consider the credit weighted average mark against the following general framework:

Table 6

Classification	Credit Weighted Average Mark
First Class	70 -100
Second Class (Upper Division)	60 - 69
Second Class (Lower Division)	50 - 59
Third Class	40 - 49

Pass Degree: 360 credits with 60 SHE Level 3 credits or above

111. A student for the degree of Bachelor with Honours who has failed to be placed in one of the classes specified (see paragraph 110) may be transferred to the degree of Bachelor 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.

Other University Level Awards

112. Normally a student entitled to other University level awards not listed above may be awarded:

    a. a diploma/certificate; or
    b. a diploma/certificate with merit; or
    c. a diploma/certificate with distinction.

113. In reaching their decision, the relevant Board of Examiners shall have regard to a student's performance based on the credit-weighted average over all the credits in the programme against the following general framework:

Table 7

Classification	Credit Weighted Average Mark
Distinction	70 -100
Merit	60 – 69
Non-Classified	40 – 59

Appeals

114. The following Appeals Regulations should be read in conjunction with the University's Personal Circumstances and Academic Appeals Procedure.

115. A student who has been:

    a. required to transfer registration; or

b. suspended from attendance at modules; or
c. withdrawn,

may appeal to the relevant Board of Study for reconsideration of the case.

116. 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's award is confirmed.

117. The grounds for appeals may be any of the following:

a. that there were procedural irregularities in the conduct of the examination or of the assessment (including alleged administrative error of such a nature as to cause reasonable doubt as to whether the Board of Examiners would have reached the same conclusion if the alleged error had not been made); or

b. 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; or

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

118. 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.

119. The appeal shall be supported by appropriate documentary evidence not previously available.

120. 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 Senate Appeals Committee within six weeks of the date on the Faculty Appeal outcome letter and shall be supported by all the appropriate documentary evidence.

121. The student will have a right of appearance, either alone or accompanied by one person, at the hearing of the appeal to the Senate.

Making a Complaint

122. A complaint is any expression of dissatisfaction about an action or lack of action by the University or about the standard of service provided by us or on our behalf. Complaints can provide valuable feedback and influence the enhancement of university services. The University records all complaints and uses them to identify improvements. Please refer to the University's Complaints Procedure.

FACULTY OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

ARCHITECTURAL STUDIES

Master of Architecture in Architectural Studies
Master of Architecture in Architectural Studies with International Study
Bachelor of Science with Honours in Architectural Studies
Bachelor of Science with Honours in Architectural Studies with International Study
Bachelor of Science in Architectural Studies
Bachelor of Science in Architectural Studies with International Study
Diploma of Higher Education in Architectural Studies
Certificate of Higher Education in Architectural Studies

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

Mode of Study

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

Place of Study

2. The MArch and BSc in Architectural Studies with International Study require study at an approved institution abroad.

Assessment

3. In addition to the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in years 1, 2 and 3, a portfolio review may contribute to the assessment of Architecture modules.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB106	Design Studies 1A	1	20
AB107	Design Studies 1B	1	20
AB108	Design Studies 1C	1	20
AB109	Design Studies 1D	1	20
AB110	Cultural Studies 1	1	20
AB111	Technology Studies 1	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB208	Design Studies 2A	2	20
AB209	Design Studies 2B	2	20
AB210	Design Studies 2C	2	20
AB211	Cultural Studies 2	2	20
AB212	Technology Studies 2	2	20
	Elective Modules		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB317	Design Studies 3A	3	20
AB318	Design Studies 3B	3	40
AB314	Cultural Studies 3	3	20
AB315	Introduction to Practice	3	20
AB316	Technology Studies 3	3	20

7. 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 module:

Module Code	Module Title	Level	Credits
AB318	Design Studies 3B	3	40

8. Intercalated Year

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

Module Code	Module Title	Level	Credits
AB324	Professional Experience and Development	3	120

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB418	Design Studies 4A	4	20
AB419	Design Studies 4B	4	40
AB420	Cultural Studies 4	4	40
AB421	Special Study Project 4	4	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB964	Design Studies 5A	5	20
AB965	Design Studies 5B	5	40
AB966	Special Study Project 5	5	20
AB967	Cultural Studies 5	5	20
AB968	Professional Studies	5	20

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

Progress

11. In order to progress to the second year of the chosen programme, a student must have accumulated at least 120 credits from the programme curriculum.

12. In order to progress to the third year of the Architectural Studies programme, a student must have accumulated at least 220 credits from the programme curriculum including all second year compulsory modules.

13. In order to progress to the fourth year of the chosen programme, a student must have accumulated at least 360 credits from the programme curriculum.

14. In order to progress to the fifth year of the chosen programme, a student must have accumulated at least 480 credits from the programme curriculum.

15. A student on the Architectural Studies with International Study programme must have satisfactorily completed at least one semester at an approved institution abroad.

Final Degree Classification

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

17. The final MArch classification will normally be based on the first assessed attempt at compulsory modules which are taken in third, fourth and fifth year.

Award

18. **MArch:** In order to qualify for the award of the degree of MArch in Architectural Studies in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

20. **BSc:** In order to qualify for the award of the degree of BSc in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

21. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Architectural Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

22. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Architectural Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

23. 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.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

Graduate Diploma in Biomedical Engineering

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

Admission

1. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Mode of Study

2. The programme is available by full-time study only.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
XX4XX	Graduate Diploma Individual Project	4	20

Optional Modules

100 credits chosen from the list below:

Module Code	Module Title	Level	Credits
BE300	Biomedical Materials	3	20
BE301	Physiological Systems in Health and Disease	3	20
BE302	Practical Biomechanics	3	20
BE401	Biomedical Electronics	4	10
BE404	Biomedical Instrumentation	4	10
BE405	Sports Injury and Rehabilitation	4	20
BE424	Practical Biomechanics 2	4	20
BE425	The Medical Device Regulatory Process	4	10

BE426	Medical Robotics	4	10
BE427	Numerical Modelling in Biomedical Engineering	4	10
BE428	Professional Studies and Research Methods in BME	4	20

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

Examination, Progress and Final Assessment

3. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Individual Project.

4. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

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

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

BIOMEDICAL ENGINEERING

Master of Engineering in Biomedical Engineering
Bachelor of Engineering with Honours in Biomedical Engineering
Bachelor of Engineering in Biomedical Engineering
Diploma of Higher Education in Biomedical Engineering
Certificate of Higher Education in Biomedical Engineering

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

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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE100	Anatomy and Physiology for Biomedical Engineers	1	20
BE101	Biomedical Engineering	1	10
BE103	Analytical and Numerical Methods in Biomedical Engineering	1	20
BE105	Cell Biology	1	10
EE107	Electronic and Electrical Principles 1	1	20
EM105	Electrical and Mechanical techniques and design 1	1	20
ME108	Engineering Analysis and Numerical Methods	1	10
ME109	CAD for Biomedical Engineering	1	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE205	Fluid mechanics in Biomedical Engineering	2	10

BE208	Statics and Dynamics in Biomedical Engineering	2	20
BE210	Cell Biology 2	2	20
EE269	Electronic and Electrical Principles 2	2	20
EM270	Digital Electronics and Programming	2	20
BE211	Mathematical Modelling and Analysis	2	20
ME214	Mechanical Engineering Design 2	2	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE300	Biomedical Materials	3	20
BE301	Physiological Systems in Health and Disease	3	20
BE302	Practical Biomechanics	3	20
BE305	Cell Biology 3	3	10
BE306	Biomedical Imaging	3	10
EE312	Instrumentation and Microcontrollers	3	20
	Elective		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE401	Biomedical Electronics	4	10
BE404	Biomedical Instrumentation	4	10
BE406	Biomedical Engineering project	4	40
BE428	Professional Studies and Research Methods in BME	4	20

Optional Modules

40 credits chosen, with no more than two 10-credit modules, from:

Module Code	Module Title	Level	Credits
16429	Computer Aided Engineering Design	4	20
BE424	Practical Biomechanics 2	4	20
BE425	The Medical Device Regulatory Process	4	10
BE426	Medical Robotics	4	10
BE427	Numerical Modelling in Biomedical Engineering	4	10
BE431	Rehabilitation Technology	4	10
EE472	Control Principles	4	20
EE474	Robotics: systems and control	4	20
ME414	Advanced Mechanics and dynamics	4	20

Such other Level 4 modules as may be approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE513	Biomedical Engineering group project	5	60
EF931	Project Management	5	10

Optional Modules

50 credits chosen from Lists A and B, of which no fewer than 30 credits must be taken from List A.

List A

Module Code	Module Title	Level	Credits
BE900	Tissue Mechanics	5	10
BE901	Regenerative Medicine & Tissue Engineering	5	10

BE902	Prosthetics and Orthotics	5	10
BE903	Cardiovascular Devices	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE905	Bio-signal Processing and Analysis	5	10
BE906	Biomaterials and Biocompatibility	5	10

List B

Module Code	Module Title	Level	Credits
16565	Engineering composites	5	10
EE578	Advanced Digital Signal Processing	5	20
EE579	Advanced microcontroller applications	5	20
EE581	Image and video processing	5	20
EE972	Control Principles	5	20

Such other Level 5 modules as may be approved by the Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

6. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

7. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment Classification

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

Award

11. **MEng:** In order to qualify for the award of the degree of MEng in Biomedical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

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

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

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Biomedical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Biomedical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

PROSTHETICS AND ORTHOTICS

Bachelor of Science with Honours in Prosthetics and Orthotics
Bachelor of Engineering in Engineering Studies
Diploma of Higher Education in Engineering Studies
Certificate of Higher Education in Engineering Studies

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

Status of the Programme
1. The programme is offered at Honours level only.

Mode of Study
2. The programme is available by full-time study only.

Place of Study
3. 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
4. **First Year** - All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
94154	Principles of Prosthetic and Orthotic Design 1	1	20
BE107	Introduction to Health Services Research	1	20
94157	Human Biological Sciences 1	1	20
BE104	Foundations for Interprofessional Practice	1	20
94161	Prosthetic and Orthotic Professional And Technical Skills	1	20
94204	Prosthetics and Orthotics Science 1	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits

94205	Professional Skills for Healthcare 2	2	10
94206	Human Biological Sciences 2	2	20
94207	Principles of Prosthetic and Orthotic Design 2	2	20
94208	Prosthetics and Orthotics Science 2	2	60
	Elective Module		10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE307	Applied Health Service Research	3	10
94304	Principles of Prosthetic & Orthotic Design 3	3	10
BE308	Prosthetic & Orthotic Science 3	3	40

Optional Modules

60 credits to be taken from Lists A & B

List A
No fewer than 40 credits to be taken from List A.
Students meeting the pre-requisites for 94403 are required to choose this module.

Module Code	Module Title	Level	Credits
94403	Prosthetics/Orthotics Clinical Placement 1	4	60
94405	Project	4	40

List B
No more than 20 credits to be taken from List B.

Module Code	Module Title	Level	Credits
BE407	Orthotic Management of Neurological Conditions	4	20
BE408	Hip, Knee & Ankle Disarticulation Prosthetics	4	20
BE409	Management of the Diabetic Foot	4	20
BE410	Lower Limb Prosthetic Design	4	20
BE411	Upper Limb Prosthetics	4	20

BE412	Clinical Governance	4	20
BE413	Orthotic Management of Spinal Deformity	4	20
BE414	Paediatric Prosthetics & Rehabilitation	4	20
BE415	Clinical Gait Analysis	4	20
BE432	The Assessment, Diagnosis and Holistic Management of Foot and Ankle Musculoskeletal (MSK) Conditions	4	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
94404	Prosthetics/Orthotics Clinical Placement 2	4	60

Optional Modules

60 credits to be taken from Lists A & B.

List A
No fewer than 40 credits to be taken from List A

Module Code	Module Title	Level	Credits
94403*	Prosthetics/Orthotics Clinical Placement 1	4	60
94405	Project	4	40

*If students have taken and passed 94403 in third year, it cannot be taken again in fourth year.

List B
No more than 20 credits to be taken from List B

Module Code	Module Title	Level	Credits
BE407	Orthotic Management of Neurological Conditions	4	20
BE408	Hip, Knee & Ankle Disarticulation Prosthetics	4	20
BE409	Management of the Diabetic Foot	4	20
BE410	Lower Limb Prosthetic Design	4	20
BE411	Upper Limb Prosthetics	4	20
BE412	Clinical Governance	4	20

BE413	Orthotic Management of Spinal Deformity	4	20
BE414	Paediatric Prosthetics & Rehabilitation	4	20
BE415	Clinical Gait Analysis	4	20
BE432	The Assessment, Diagnosis and Holistic Management of Foot and Ankle Musculoskeletal (MSK) Conditions	4	20

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

11. The final Honours classification will normally be based on the first assessed attempt at compulsory modules and specified optional modules in the second, third and fourth years.

Award

12. **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Prosthetics and Orthotics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and not withstanding these regulations, must include 160 credits at Level 4.

13. **BEng** In order to qualify for the award of the degree of BEng in Engineering Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education:** In order to qualify for the award of the degree of Diploma of Higher Education in Engineering Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of the degree of Certificate of Higher Education in Engineering Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

CHEMICAL ENGINEERING – Bahrain

Bachelor of Engineering with Honours in Chemical Engineering – Bahrain
Bachelor of Engineering in Chemical Engineering – Bahrain
Diploma of Higher Education in Chemical Engineering – Bahrain
Certificate of Higher Education in Applied Sciences – Bahrain

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

Duration of study

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of study

2. The programme is available by full-time study only.

Place of study

3. Students will study at the University of Strathclyde, Bahrain.

Curriculum

4. **First Year –** All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
MM157	Mathematics	1	20
CH121	Chemistry 1	1	20
CH122	Chemistry 2	1	20
MM155	Computational Maths	1	20
XXXXX	Electronics	1	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
P1203	Thermodynamic and Chemical Principles	2	20
P1204	Fluid Flow and Heat Transfer	2	20

P1207	Process Analysis and Statistics	2	20
P1213	Applied Mathematics and Problem Solving	2	20
P1217	Chemical Engineering Practice 1	2	10
P1218	Applied Mechanics	2	10
P1219	Multiphase Materials and Processes	2	10
P1220	Process Safety Fundamentals	2	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
P1302	Mass Transfer and Separation Processes	3	20
P1303	Materials Processing and Applications	3	20
P1305	Ethics, Sustainability and Economics	3	20
P1307	Chemical Engineering Practice 2	3	20
P1315	Biochemical Engineering	3	10
P1316	Reactors	3	10
P1327	Chemical Process Design and Simulation	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
P1405	Process Control and Environmental Technology	4	20
P1407	Chemical Engineering Design	4	60
P1409	Advanced Separations and Problem Solving	4	20
P1414	Particle Technology and Advanced Reactors	4	20

Progress

8. In order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed HF103 Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year

of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt.

9. In order to progress to third year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to fourth year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

11. The final classification will normally be based on the first assessed attempt at modules taken in the third and fourth years.

Award: Subject to the completion of additional national requirements.

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

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

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Chemical Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Sciences - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

CHEMICAL ENGINEERING

Bachelor of Engineering with Honours in Chemical Engineering - Degree Apprenticeship
Bachelor of Engineering in Chemical Engineering - Degree Apprenticeship
Diploma of Higher Education in Chemical Engineering – Degree Apprenticeship
Certificate of Higher Education in Chemical Engineering – Degree Apprenticeship

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

Admission

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

Mode of Study

2. This programme is available by distance learning only.

Duration of Study

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

Curriculum

4. All students shall undertake modules amounting to 480 credits as below.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CP107	Chemistry for Chemical Engineering	1	10
CP108	Mathematics for Chemical Engineering	1	30
CP109	Basic Principles of Chemical Engineering	1	20
CP105	Process Engineering Knowledge, Skills and Behaviours 1	1	60

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

6. **Year 2** - All students shall undertake modules amounting to 100 credits as follows*:

Compulsory Modules

Module Code	Module Title	Level	Credits
CP216	Process Engineering Knowledge, Skills and Behaviours 2	2	40
CP318	Professional Engineering and Project Management	3	10
CP209	Process Analysis and Statistics	2	20
CP211	Chemical Principles and Thermodynamics	2	20
CP319	Chemical Engineering Safety	3	10

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

7. **Year 3** - All students shall undertake modules amounting to 90 credits as follows*:

Compulsory Modules

Module Code	Module Title	Level	Credits
CP208	Fluid Flow and Heat Transfer	2	20
CP324	Process Engineering Knowledge, Skills and Behaviours 3	3	30
CP320	Biochemical Engineering	3	10
CP321	Reactors	3	10
CP314	Mass Transfer and Separation Processes	3	20

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

8. **Year 4** - All students shall undertake modules amounting to 90 credits as follows*:

Compulsory Modules

Module Code	Module Title	Level	Credits
CP310	Process Design and Simulation	3	20
CP411	Process Control and Environmental Technology	4	20
CP426	Process Engineering Knowledge, Skills and Behaviours 4	4	30
CP429	Numerical Methods and Programming	4	20

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

9. **Year 5** - All students shall undertake modules amounting to 80 credits as follows*:

Compulsory Modules

Module Code	Module Title	Level	Credits
CP412	Advanced Separations and Problem Solving	4	20
CP428	Chemical Engineering Design	4	40
CP430	End Point Assessment and Project Planning	4	20

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

Progress

10. In order to progress to the second year of the programme, students must normally have accumulated no fewer than 100 credits, including a pass in CP105 Process Engineering Knowledge, Skills and Behaviours 1.

11. In order to progress to the third year of the programme, students must normally have accumulated no fewer than 200 credits from the programme curriculum, including CP216 Process Engineering Knowledge, Skills and Behaviours 2.

12. In order to progress to the fourth year of the programme, students must normally have accumulated no fewer than 290 credits from the programme curriculum. including CP324 Process Engineering Knowledge, Skills and Behaviours 3.

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

Final Honours Classification

14. The final Honours classification will normally be based on the first assessed attempt at compulsory modules at levels 3 and 4.

Award

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

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

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

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

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

CHEMICAL ENGINEERING

Master of Engineering in Chemical Engineering by Distance Learning
Bachelor of Engineering in Chemical Engineering by Distance Learning

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

Admission

1. Entry to the programme is only 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 programme curriculum and achieved an appropriate standard of performance.

Status of the Degree

2. The programme is at Integrated Masters level.

Mode of Study

3. Part-time Distance and Part-time Flexible Learning.

Duration of Study

4. The normal duration of study for the MEng year (as detailed below) is 2-years. This brings the total duration of study (including previous study on the BEng programme) to 4-7 years depending on mode of study and the route followed. The total maximum duration of study (including previous study on the BEng programme) is 8-14 years.

Curriculum (Part-time study)

5. All MEng students shall undertake modules amounting to 120 credits as detailed below. As the programme is only available on a part-time basis, students will normally be expected to choose 60-credits in each year of study.

Compulsory Modules

Module Code	Module Title	Level	Credits
CP974	Advanced Process Design	5	20
CP936	Project module	5	60

Optional Modules

Students will take 40 credits from the Advanced Chemical Engineering list, in a curriculum that must be approved by the Programme Director.

Advanced Chemical Engineering list

Module Code	Module Title	Level	Credits

CP918	Safety Management Practices	5	10
CP919	Programming and Optimisation	5	10
CP970	Molecular and Interfacial Science	5	10
CP975	Ethics, Sustainability and Environmental Engineering	5	20
CP955	Molecular simulation in chemical engineering	5	10
CP969	Clean Combustion Technologies	5	10
CP971	Petroleum Engineering	5	10
CP972	Electrochemical Energy Devices	5	10

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

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress – Part-time Study

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

Examination and Final Assessment

7. The final classification for the degree of MEng will normally be based on the first assessed attempt at compulsory and specified optional modules listed above as well as the level 3 and 4 modules taken as part of the BEng programme.

Award

8. **MEng:** In order to qualify for the award of the degree of MEng in Chemical Engineering the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

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

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

CHEMICAL ENGINEERING

Bachelor of Engineering with Honours in Chemical Engineering
Bachelor of Engineering in Chemical Engineering
Diploma of Higher Education in Chemical Engineering
Certificate of Higher Education in Chemical Engineering

This programme is delivered by Distance Learning only.

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

Admission

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

Credit Transfer and Recognition of Prior Learning

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

Mode of Study

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

Duration of Study

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

Curriculum

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

Compulsory Modules

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

CP209	Process Analysis and Statistics	2	20
CP318	Professional Engineering and Project Management	3	10
CP319	Chemical Engineering Safety	3	10
CP314	Mass Transfer Separation Processes	3	20
CP310	Process Design and Simulation	3	20
CP321	Reactors	3	10
CP320	Biochemical Engineering	3	10
CP411	Process Control and Environmental Technology	4	20
CP412	Advanced Separations and Problem Solving	4	20
CP429	Numerical Methods and Programming	4	20
CP428	Chemical Engineering Design	4	40

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

Progress – Accelerated Programme

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

Progress – Standard Programme

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

Final Assessment and Honours Classification

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

Award

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

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

11. **Diploma of Higher Education:** In order to qualify for the award of Diploma in Higher Education in Chemical Engineering, students must have accumulated no fewer than 240 credits from the taught curriculum, noting the minimum requirements for Strathclyde taught

credits outlined in the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Certificate of Higher Education:** In order to qualify for the award of Certificate in Higher Education in Chemical Engineering, students must have accumulated no fewer than 120 credits from the taught curriculum, noting the minimum requirements for Strathclyde taught credits outlined in the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING

CHEMICAL ENGINEERING

Master of Engineering in Chemical Engineering
Bachelor of Engineering with Honours in Chemical Engineering
Bachelor of Engineering in Chemical Engineering
Diploma of Higher Education in Chemical Engineering
Certificate of Higher Education in Chemical Engineering

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

Mode of Study
1. The programme is available by full-time study only.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH106	Chemistry: Principles and Practice 1	1	20
CP101	Basic Principles in Chemical Engineering	1	20
CP102	Chemical Engineering: Fundamentals, Techniques and Tools	1	20
MM111	Mathematics 1b	1	20
MM112	Mathematics 2b	1	20
	Elective Module(s)		20

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

Compulsory

Module Code	Module Title	Level	Credits
CP203	Thermodynamic and Chemical Principles	2	20
CP204	Fluid Flow and Heat Transfer	2	20
CP207	Process Analysis and Statistics	2	20
CP213	Applied Mathematics and Problem Solving	2	20
CP217	Chemical Engineering Practice 1	2	10

CP218	Applied Mechanics	2	10
CP219	Multiphase Materials and Processes	2	10
CP220	Process Safety Fundamentals	2	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CP302	Mass Transfer and Separation Processes	3	20
CP303	Materials Processing and Applications	3	20
CP305	Ethics, Sustainability and Economics	3	20
CP307	Chemical Engineering Practice 2	3	20
CP315	Biochemical Engineering	3	10
CP316	Reactors	3	10
CP327	Chemical Process Design and Simulation	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CP405	Process Control and Environmental Technology	4	20
CP407	Chemical Engineering Design	4	60
CP409	Advanced Separations and Problem Solving	4	20
CP414	Particle Technology and Advanced Reactors	4	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CP540	Project Planning, Management and Methods	5	10
CP542	Advanced Process Safety	5	10

18530	Chemical Engineering Project	5	60

Optional Modules
No fewer than 40 credits, which are to be selected from the list below.

Module Code	Module Title	Level	Credits
CP523	Molecular Simulation	5	10
CP527	Petroleum Engineering	5	10
CP533	Clean Combustion Technologies	5	10
CP537	Electrochemical Energy Devices	5	10
CP538	Environmental Engineering for Solving Industrial Challenges	5	10
CP539	Advanced Process Analysis and Simulation	5	10
CP541	Introduction to Hydrogen Engineering	5	10

Exceptionally, students can undertake optional modules totalling no more than 10 credits as approved by the Programme Leader.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Honours Classification

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

Award

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

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

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

15. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Chemical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Chemical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING – Bahrain

Bachelor of Engineering with Honours in Civil Engineering – Bahrain
Bachelor of Engineering in Civil Engineering – Bahrain
Diploma of Higher Education in Civil Engineering – Bahrain
Certificate of Higher Education in Applied Sciences – Bahrain

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

Duration of study

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of study

2. The programme is available by full-time study only.

Place of study

3. Students will study at the University of Strathclyde, Bahrain.

Curriculum

4. **First Year –** All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
PH189	Physics 1	1	20
PH190	Physics 2	1	20
MM157	Mathematics	1	20
MM155	Computational Maths	1	20
XXXXX	Electronics	1	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
C1207	Structural Mechanics and Materials 2	2	20

C1217	Soil Mechanics	2	20
C1209	Land Surveying and Mapping	2	20
C1218	Chemistry and Materials Science	2	20
C1216	Hydraulics and Hydrology	2	20
XXXXX	Mathematics 2D	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
C1313	Structural Engineering 1	3	20
C1314	Geotechnical Engineering 1	3	20
C1315	Water Engineering 1	3	20
C1XXX	Engineering Data Science	3	20
C1328	Environmental Engineering	3	10
C1330	Transport Engineering	3	10
C1305	Construction Project Management	3	10
C1390	Engineering for Global Development	3	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
C1419	Geotechnical Engineering 2	4	20
C1420	Water Engineering 2	4	20
C1448	Individual Project	4	30
C1418	Structural Engineering 2	4	20
C14XX	Structural Dynamics	4	10

Optional Modules

No fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
C1436	Transport Planning	4	10
C1439	Contaminated Land	4	10
C1446	Water and Environmental Management	4	10

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Director.
Not all optional modules on this list will be available in each academic year.

Progress

8. In order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed HF103 Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt.

9. In order to progress to third year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to fourth year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

11. The final classification will normally be based on the first assessed attempt at modules taken in the third and fourth years.

Award: Subject to the completion of additional national requirements.

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

13. **BEng:** In order to qualify for the award of the degree of BEng in Civil Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Sciences - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING – DEGREE APPRENTICESHIP

Bachelor of Engineering with Honours in Civil Engineering – Degree Apprenticeship
Bachelor of Engineering in Civil Engineering – Degree Apprenticeship
Diploma of Higher Education in Civil Engineering – Degree Apprenticeship
Certificate of Higher Education in Civil Engineering – Degree Apprenticeship

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO109	Mathematics and Numerical Tools 1A	1	30
EO105	Basic Mechanics and Materials	1	20
EO106	Structural Analysis 1	1	20
EO107	Soils and Water 1	1	20
EO108	Work Based Learning 1	1	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO209	Mathematics and Numerical Tools 2A	2	30
EO205	Structural Analysis 2	2	20
EO206	Solis and Water 2	2	20
EO207	Civil Engineering Practice	2	20
EO208	Work Based Learning 2	2	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO304	Civil Engineering Design Project	3	60

Optional Modules

60 credits at Level 3 chosen from the list of optional modules in the Faculty of Engineering, as approved by the Programme Leader.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO407	Civil Engineering Individual Project	4	60

Optional Modules

6. 60 credits at Level 4 chosen from the list of optional modules in the Faculty of Engineering, as approved by the Programme Leader.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

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

Award

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

12. **BEng:** In order to qualify for the award of the degree of BEng in Civil Engineering - Degree Apprenticeship, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering - Degree Apprenticeship, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Civil Engineering - Degree Apprenticeship, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING – GRADUATE APPRENTICESHIP

Bachelor of Engineering with Honours in Civil Engineering – Graduate Apprenticeship
Bachelor of Engineering in Civil Engineering – Graduate Apprenticeship
Diploma of Higher Education in Civil Engineering – Graduate Apprenticeship
Certificate of Higher Education in Civil Engineering – Graduate Apprenticeship

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO109	Mathematics and Numerical Tools 1A	1	30
EO105	Basic Mechanics and Materials	1	20
EO106	Structural Analysis 1	1	20
EO107	Soils and Water 1	1	20
EO108	Work Based Learning 1	1	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO209	Mathematics and Numerical Tools 2A	2	30
EO205	Structural Analysis 2	2	20
EO206	Solis and Water 2	2	20
EO207	Civil Engineering Practice	2	20
EO208	Work Based Learning 2	2	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO304	Civil Engineering Design Project	3	60
EO306	Geotechnical Engineering 1	3	20
EO307	Structural Engineering 1	3	20
EO308	Transport Engineering	3	10
EO309	Water Engineering 1	3	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO407	Civil Engineering Individual Project	4	60

Optional Modules

60 credits at Level 4 chosen from the list of optional modules in the Faculty of Engineering, as approved by the Programme Leader.

Progress

6. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in order to progress to the second year of the programme, the minimum number of credits required is 120.

7. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in order to progress to the third year of the programme, the minimum number of credits required is 240.

8. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

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

Award

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

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

12. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Civil Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING

Master of Engineering in Civil Engineering
Master of Engineering in Civil and Environmental Engineering
Bachelor of Engineering with Honours in Civil Engineering
Bachelor of Engineering with Honours in Civil and Environmental Engineering
Bachelor of Engineering in Civil Engineering
Bachelor of Engineering in Civil and Environmental Engineering
Diploma of Higher Education in Civil Engineering
Diploma of Higher Education in Civil and Environmental Engineering
Certificate of Higher Education in Civil Engineering
Certificate of Higher Education in Civil and Environmental Engineering

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

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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CL132	Engineering Mechanics 1	1	20
CL134	Engineering Mechanics 2	1	20
CL114	Civil Engineering Design Projects	1	20
MM115	Mathematics 1D	1	20
CL137	Fundamentals of Civil Engineering	1	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CL207	Structural Mechanics and Materials 2	2	20
CL217	Soil Mechanics	2	20
CL209	Land Surveying and Mapping	2	20

CL218	Chemistry and Materials Science	2	20
CL216	Hydraulics and Hydrology	2	20
MM215	Mathematics 2D	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CL313	Structural Engineering 1	3	20
CL314	Geotechnical Engineering 1	3	20
CL315	Water Engineering 1	3	20
CL3xx	Engineering Data Science	3	20
CL328	Environmental Engineering	3	10
CL330	Transport Engineering	3	10
CL305	Construction Project Management	3	10
CL390	Engineering for Global Development	3	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CL419	Geotechnical Engineering 2	4	20
CL420	Water Engineering 2	4	20
CL448	Individual Project	4	30

Civil Engineering

Module Code	Module Title	Level	Credits
CL418	Structural Engineering 2	4	20
CL4xx	Structural Dynamics	4	10

Civil and Environmental Engineering

Module Code	Module Title	Level	Credits

CL413	Solid Waste Management	4	10
CL439	Contaminated Land	4	10
CL447	Water and Wastewater Treatment Design	4	10

Optional Modules

No fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
CL436	Transport Planning	4	10
CL437	Project Analysis	4	10
CL418	Structural Engineering 2	4	20
CL4xx	Structural Dynamics	4	10
CL413	Solid Waste Management	4	10
CL439	Contaminated Land	4	10
CL447	Water and Wastewater Treatment Design	4	10
CL446	Water and Environmental Management	4	10

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

Not all optional modules on this list will be available in each academic year.

6. **Fifth Year** - All students shall undertake modules 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 programme).

Compulsory Modules

Module Code	Module Title	Level	Credits
CL518	Group Design Project A	5	20

Optional Modules

Civil Engineering
No fewer than 100 credits chosen from Lists A, B, and C of which a minimum of 40 credits must be chosen from List A, and no more than 20 credits from List C.

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

List A: Civil Engineering

Module Code	Module Title	Level	Credits
CL808	Sustainable Ground Improvement and Reinforcement	5	10
CL508	Site Investigation and Risk Assessment	5	10
CL809	Advanced Structural Analysis and Sustainable Design	5	10
CL516	MEng Dissertation	5	20
CL810	Climatic Hazard to Earth Infrastructure	5	10
CL996	Materials and Microstructures	5	10
CL8xx	Risk Analysis and Uncertainty Quantification in Engineering	5	10
CL528	Sustainable Structural Design	5	10
CL8xx	Carbon Assessment and Management in the Built Environment	5	10
CL8xx	Coastal Engineering	5	10
CL8xx	Sustainable Transport-Energy Transitions	5	10

List B: Environmental Engineering

Module Code	Module Title	Level	Credits
CL904	Waste Management & Landfill Design	5	10
CL935	Hydrogeology	5	10
CL946	Global Water Policy	5	10
CL948	Principles of Environmental Microbiology	5	10
CL952	Aquifer Mechanics	5	10
CL954	Contaminated Land	5	10
CL960	Fundamentals of Environmental Forensics	5	10
CL961	Geographical Information Systems	5	10
CL978	Water and Wastewater Treatment Design	5	10
CL994	Circular Economy and Transformations Towards Sustainability	5	10
EV921	Water and Environmental Management	5	10
EV939	Environmental Impact Assessment	5	10
CL951	Groundwater Flow Modelling	5	10

CL973	Independent Study in Collaboration with Industry	5	10

List C: Engineering-Related

Module Code	Module Title	Level	Credits
CL504	Financial Engineering	5	10
CL520	Engineering Challenges in Nuclear Decommissioning and Waste Disposal	5	10
CL523	The Construction Industry Client	5	10
NM522	Renewable Marine Energy Systems	5	10
ME927	Energy Resources and Policy	5	10

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

Not all optional modules in the above Lists A, B and C will be available in each academic year.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

11. The final classification for the award of the chosen degree will normally be based on the first assessed attempt at compulsory and approved optional modules taken in years 3, 4 and 5.

Award

12. **MEng**: In order to qualify for the award of the degree of MEng in Civil Engineering or Civil and Environmental Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Civil Engineering or Civil and Environmental Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include CL448 Individual Project.

14. **BEng**: In order to qualify for the award of the degree of BEng in Civil Engineering or Civil and Environmental Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Civil Engineering or Civil and Environmental Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Civil Engineering or Civil and Environmental Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

STRUCTURAL AND ARCHITECTURAL ENGINEERING

Bachelor of Engineering with Honours in Structural and Architectural Engineering
Bachelor of Engineering in Structural and Architectural Engineering
Diploma of Higher Education in Structural and Architectural Engineering
Certificate of Higher Education in Structural and Architectural Engineering

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

Status of the Programmes

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB110	Cultural Studies 1	1	20
CL111	Structural Mechanics and Materials 1	1	20
CL119	Introduction to Geology and Soil Mechanics	1	20
CL117	Basic Mechanics	1	10
ME101	Heat and Flow 1	1	10
MM115	Mathematics 1D	1	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB211	Cultural Studies 2	2	20

CL207	Structural Mechanics and Materials 2	2	20
CL217	Soil Mechanics	2	20
CL216	Hydraulics and Hydrology	2	20
16293	Environmental Engineering Science	2	10
16294	Energy Systems 1	2	10
MM215	Mathematics 2D	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AB314	Cultural Studies 3	3	20
CL313	Structural Engineering 1	3	20
CL314	Geotechnical Engineering 1	3	20
CL329	Engineering Mathematics	3	20
CL324	Surveying and Building Design	3	20
16387	Environmental Engineering Science 2	3	10
16390	Energy Systems 2	3	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16469	Low Energy Building Design	4	20
CL434	Individual Project	4	20
CL418	Structural Engineering 2	4	20
CL419	Geotechnical Engineering 2	4	20
CL435	Prestressed Concrete, Composite Materials and Structural Stability	4	10
CL438	Project Planning	4	10

Optional Modules

20 credits from the list below:

Module Code	Module Title	Level	Credits
CL436	Transport Planning	4	10
CL437	Project Analysis	4	10
CL428	Architectural Engineering Design Project	4	10
16468	Acoustics	4	10
ME404	Energy Systems Modelling	4	10

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

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Honours Classification

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

11. The Final Honours Classification will normally be based on the first assessed attempt at compulsory and approved optional modules that are taken in the second, third and fourth years.

Award

12. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Structural and Architectural, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include CL434 Individual Project.

13. **BEng:** In order to qualify for the award of the degree of BEng in Structural and Architectural Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Structural and Architectural Engineering, see General Academic

Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Structural and Architectural Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

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

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

MANUFACTURING ENGINEERING WITH MANAGEMENT

Master of Engineering in Manufacturing Engineering with Management
Bachelor of Engineering with Honours in Manufacturing Engineering with Management
Bachelor of Engineering in Manufacturing Engineering with Management
Diploma of Higher Education in Manufacturing Engineering with Management
Certificate of Higher Education in Manufacturing Engineering with Management

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

Mode of Study

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

Curriculum

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

Compulsory Modules

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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
ME217	Engineering Materials for Design	2	10
19222	Electrical Machines and Control	2	10

MS210	Analysing and Improving Operations	2	20
DM202	Design and Manufacturing Management	2	20
DM204	Integrating Studies 2	2	20
DM205	Production Techniques 1	2	20
	Elective Module(s)	1	20

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

Compulsory Modules

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

Optional Modules

20 credits at Level 3 or 4 chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM303	Engineering Design	3	20
DM400	Advanced Design Methods	4	20
Various	Vertically Integrated Project	3	10

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits

DM401	Advanced Product Design and Manufacture	4	20
DM402	Individual Project 1	4	40
DM403	Industrial Group Project 1	4	20
DM404	Quality Management	4	20

Optional Modules

20 credits chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM400	Advanced Design Methods	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits

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

Optional Modules

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM400	Advanced Design Methods	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM503	Global Design	5	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM933	Engineering Risk Management	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Classification

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

Award

12. **MEng:** In order to qualify for the award of the degree of MEng in Manufacturing Engineering with Management, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include DM402 Individual Project 1 and DM511 Individual Project 2.

13. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Manufacturing Engineering with Management, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include DM402 Individual Project 1.

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

15. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Manufacturing Engineering with Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Production Engineering with Management, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

PRODUCT DESIGN AND INNOVATION

Master of Science in Product Design and Innovation
Bachelor of Science with Honours in Product Design and Innovation
Bachelor of Science in Product Design and Innovation
Diploma of Higher Education in Product Design and Innovation
Certificate of Higher Education in Product Design and Innovation

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

Status of the Programmes

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
DM100	Design 1	1	20
DM101	Integrating Studies 1	1	20
DM102	Introduction to Production Engineering and Management	1	20
DM103	Technology Concepts	1	20
Z1212	Introduction to Business Start-Up	1	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
DM200	Design 2	2	20
DM202	Design and Manufacturing Management	2	20

DM203	Design Prototyping	2	20
DM204	Integrating Studies 2	2	20
DM205	Production Techniques 1	2	20
Z1218	New Venture Planning	2	20

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

Compulsory Modules

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

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

Compulsory Modules

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

Optional Modules

20 credits chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM307	Production and Operations Management	3	20

DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

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

Optional Modules

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM503	Global Design	5	10

DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM933	Engineering Risk Management	5	10
DM955	Total Quality Management	5	10
DM939	Digital Manufacturing Concepts	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM951	Design for Industry 4 and Smart Products	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

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

Award

13. **MSci:** In order to qualify for the award of the degree of MSci in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include module DM402 Individual Project 1 and DM511 Individual Project 2.

14. **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include module DM402 Individual Project 1.

15. **BSc:** In order to qualify for the award of the degree of BSc in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Product Design and Innovation, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

PRODUCT DESIGN ENGINEERING

Master of Engineering in Product Design Engineering
Bachelor of Engineering with Honours in Product Design Engineering
Bachelor of Engineering in Product Design Engineering
Diploma of Higher Education in Product Design Engineering
Certificate of Higher Education in Product Design Engineering

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

Mode of Study

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

Curriculum

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

Compulsory Modules

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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
ME217	Engineering Materials for Design	2	10
19222	Electrical Machines and Control	2	10
19260	Electrical and Electronic Engineering	2	10
DM200	Design 2	2	20
DM202	Design and Manufacturing Management	2	20

DM204	Integrating Studies 2	2	20
DM205	Production Techniques 1	2	20
ME101	Heat and Flow	1	10

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

Compulsory Modules

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

Optional Modules

20 credits at Level 3 or 4 chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM305	Innovation Management	3	20
DM307	Production and Operations Management	3	10
Various	Vertically Integrated Project	3	10
DM404	Quality Management	4	20

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
DM400	Advanced Design Methods	4	20
DM401	Advanced Product Design and Manufacture	4	20

DM402	Individual Project 1	4	40
DM403	Industrial Group Project	4	20

Optional Modules

20 credits chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM307	Production and Operations Management	3	20
DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM955	Total Quality Management	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
DM511	Individual Project 2	5	60
DM501	Industrial Group Project 2	5	20

DM502	Research Studies	5	20

Optional Modules

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM503	Global Design	5	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM933	Engineering Risk Management	5	10
DM955	Total Quality Management	5	10
DM939	Digital Manufacturing Concepts	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM951	Design for Industry 4 and Smart Products	5	10
DM983	Design Form and Aesthetics	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Classification

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

Award

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

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

14. **BEng:** In order to qualify for the award of the degree of BEng in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Product Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF DESIGN, MANUFACTURING AND ENGINEERING MANAGEMENT

SPORTS DESIGN ENGINEERING

Master of Engineering in Sports Design Engineering
Bachelor of Engineering with Honours in Sports Design Engineering
Bachelor of Engineering in Sports Design Engineering
Diploma of Higher Education in Sports Design Engineering
Certificate of Higher Education in Sports Design Engineering

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

Mode of Study

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

Curriculum

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

Compulsory Modules

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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BE209	Sports Biomechanics	2	20
DM200	Design 2	2	20
DM204	Integrating Studies 2	2	20
DM205	Production Techniques 1	2	20

DM206	Sports Engineering	2	20
	Elective Module(s)	1	20

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

Compulsory Modules

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

Optional Modules

20 credits at Level 3 or 4 chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM305	Innovation Management	3	20
DM307	Production and Operations Management	3	20
Various	Vertically Integrated Project	3	10
DM400	Advanced Design Methods	4	20

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
DM402	Individual Project 1	4	40
DM403	Industrial Group Project 1	4	20
BE405	Sports Injury and Rehabilitation	4	20

BE400	Advanced Topics in Human Movement	4	20

Optional Modules

20 credits chosen from the list below, or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM300	Design Emotion and Experience	3	20
DM305	Innovation Management	3	20
DM307	Production and Operations Management	3	20
DM308	Production Techniques 2	3	20
Various	Vertically Integrated Project	4	10
DM400	Advanced Design Methods	4	20
DM401	Advanced Product Design and Manufacture	4	20
DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DMXXX	Digital Manufacturing and Smart Products	5	10
DM985	Remanufacturing	5	10
DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10

Not all optional modules on this list may be available in each academic year.

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

Compulsory Modules

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

Optional Modules

No fewer than 20 credits at Level 4 or 5 (which must bring the total at Level 5 to no fewer than 120 credits) chosen from the list below or such other modules as approved by the Year Adviser.

Module Code	Module Title	Level	Credits
DM400	Advanced Design Methods	4	20
DM401	Advanced Product Design and Manufacture	4	20
DM404	Quality Management	4	20
DM406	Industrial Placement 1	4	20
Various	Vertically Integrated Project	4	10
DM503	Global Design	5	10
DM506	Industrial Placement 4	5	20
DM918	People, Organisation and Technology	5	10
DMXXX	Management of Technology and Innovation	5	10
DM923	Product Modelling and Visualisation	5	10
DM926	Supply Chain Operations	5	10
DM933	Engineering Risk Management	5	10
DM955	Total Quality Management	5	10
DM939	Digital Manufacturing Concepts	5	10
DM941	Fundamentals of Lean Six Sigma	5	10
DM943	Sustainable Product Design and Manufacturing	5	10
DM951	Design for Industry and Smart Products	5	10
DM983	Design Form and Aesthetics	5	10
DM984	Human Centred Design	5	10
DM985	Remanufacturing	5	10

DM993	Systems Architectures and Design	5	10
DM994	Systems Engineering Concepts	5	10
EFXXX	Design Methods and Management	5	10
BE902	Prosthetics and Orthotics	5	10
BE903	Cardiovascular Devices	5	10
BE904	Clinical and Sports Biomechanics	5	10
BE908	Biomedical Instrumentation	5	10
BE909	Biomedical Electronics	5	10

Not all optional modules on this list may be available in each academic year.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Classification

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

Award

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

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

14. **BEng:** In order to qualify for the award of the degree of BEng in Sports Design Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

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

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

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

COMPUTER AND ELECTRONIC SYSTEMS

Master of Engineering in Computer and Electronic Systems
Master of Engineering in Computer and Electronic Systems with International Study
Bachelor of Engineering with Honours in Computer and Electronic Systems
Bachelor of Engineering in Computer and Electronic Systems
Diploma of Higher Education in Computer and Electronic Systems
Certificate of Higher Education in Computer and Electronic Systems

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

Mode of Study

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

Place of Study

2. The MEng in Computer and Electronic Systems 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 normally will be undertaken during the fourth year of the programme. Study abroad may exceptionally comprise two exchanges with different institutions of one semester each

Curriculum

3. **First Year** - All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS103	Machines, Languages and Computation	1	20
CS105	Programming Foundations	1	20
CS107	Fundamentals of Computer Systems	1	10
EE105	Electronic and Electrical Techniques and Design 1	1	20
EE107	Electronic and Electrical Principles 1	1	20
MM113	Engineering Mathematics 1E	1	20
MM114	Engineering Mathematics 2E	1	20

4. **Second Year** - All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits

CS207	Advanced Programming	2	20
CS210	Computer Systems and Architecture	2	20
CS211	Professional Issues in Computing	2	10
EE269	Electronic and Electrical Principles 2	2	20
EE270	Digital Electronic Systems	2	20
MM213	Engineering Mathematics 3E	2	20

Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
CS208	Logic and Algorithms	2	20
PH260	Physical Electronics	2	10
19207	Electromagnetism	2	10

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Leader.
Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS308	Building Software Systems	3	20
CS313	Computer Systems and Concurrency	3	20
EE320	Signals and Communication Systems	3	20
56324	Engineering Innovation and Management	3	10
CX318	Computer and Electronic Systems Project	3	10
	Elective Module(s)		20

Optional Modules
20 credits chosen from:

Module Code	Module Title	Level	Credits
CS310	Foundations of Artificial Intelligence	3	20

EE312	Instrumentation and Microcontrollers	3	20
EE315	Analogue and Digital System Design	3	20
EE313	Engineering Analysis	3	20

Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EE475	CES Individual Project	4	40
And one of the following			
CS407	Computer Security	4	20
CS426	Human Centred Security	4	20
EE470	Information Transmission & Security	4	20

Optional Modules

60 credits chosen from the list of optional modules:

Module Code	Module Title	Level	Credits
CS407	Computer Security	4	20
CS409	Software Architecture and Design	4	20
CS414	Digital Forensics	4	20
CS426	Human Centred Security	4	20
EE468	Analogue Systems	4	20
EE469	DSP Principles	4	20
EE470	Information Transmission & Security	4	20
EE471	Communications Networks	4	20
EE472	Control Principles	4	20
EE473	Photonic Systems	4	20
EE474	Robotic Systems	4	20

Such other modules 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 Programme Leader.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

MEng in Computer and Electronic Systems with International Study

Students who undertake study abroad during fourth year shall follow an approved curriculum which is equivalent to that specified in these regulations. Where students are not able to undertake individual project module(s) equivalent to individual project EE475, they will, subject to the approval of Programme Director, be allowed to undertake an equivalent group project module equivalent to 19520. In such cases, students will be required to undertake an equivalent individual project module (EE5XX) in Year 5.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
19520	Group Project	5	40
	OR		
EE5XX*	Individual Project	5	40

*Students taking the MEng in Computer and Electronic Systems with International Study who undertook a group project equivalent to 19520 during their 4th year abroad will be required to take an Individual Project module EE5XX.

Optional Modules

80 credits chosen from the list of optional modules:

Module Code	Module Title	Level	Credits
CS547	Advanced Topics in Software Engineering	5	20
CS548	Designing Usable Systems	5	20
CS549	Distributed Information Systems	5	20
CS551	Mobile Software and Applications	5	20
EE578	Advanced DSP	5	20
EE579	Advanced Microcontroller Applications	5	20
EE580	DSP and FPGA-based Embedded Systems Design	5	20
EE581	Image and Video Processing	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Such other modules 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 Programme Leader.

For the degree of MEng in Computer and Electronic Systems with International Study, section 8 of these regulations shall apply, with students permitted to incorporate up to 40 credits of modules in foreign language or otherwise relevant to international study, approved by the Programme Leader.

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

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fifth year, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

12. The final Honours classification will normally be based on the first assessed attempt at all modules at Levels three and four.

Award

13. **MEng:** In order to qualify for the award of the degree of MEng in Computer and Electronic Systems a candidate must have accumulated no fewer than 620 credits from the programme curriculum including those for the modules EE475 CES Individual Project and 19520 Group Project.

14. **MEng in Computer and Electronic Systems with International Study:** In order to qualify for the award of MEng in Computer and Electronic Systems with International Study, in addition to satisfying the provisions of Paragraph 13, a student must have undertaken successfully no fewer than 30 weeks of approved study abroad.

15. **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 500 credits from the programme curriculum. These must include those for the module EE475 CES Individual Project.

16. **BEng:** In order to qualify for the award of the degree of BEng in Computer and Electronic Systems, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Computer and Electronic System, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Computer and Electronic Systems, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRICAL AND MECHANICAL ENGINEERING

Master of Engineering in Electrical and Mechanical Engineering
Master of Engineering in Electrical and Mechanical Engineering with International Study
Bachelor of Engineering with Honours in Electrical and Mechanical Engineering
Bachelor of Engineering in Electrical and Mechanical Engineering
Diploma of Higher Education in Electrical and Mechanical Engineering
Certificate of Higher Education in Electrical and Mechanical Engineering

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

Mode of Study

1. The programme is available by full-time study only.

Place of Study

2. 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 normally will be undertaken during fourth year of the programme. Study abroad may exceptionally comprise two exchanges with different institutions of one semester each.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16132	Engineering Mechanics 1	1	20
EE107	Electronic and Electrical Principles 1	1	20
EM105	Electrical and Mechanical Techniques and Design 1	1	20
ME101	Heat and Flow 1	1	10
MM113	Engineering Mathematics 1E	1	20
MM114	Engineering Mathematics 2E	1	20
ME107	Experimental and Laboratory Skills	1	10

4. **Second Year** - All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
16232	Engineering Mechanics 2	2	20

19207	Electromagnetism	2	10
EE269	Electronic and Electrical Principles 2	2	20
EM270	Digital Electronics and Programming Design	2	20
EM271	Electronic and Mechanical Techniques and Design 2	2	10
ME203	Heat and Flow 2	2	20
ME214	Mechanical Engineering Design 2	2	10
MM213	Engineering Mathematics 3E	2	20

5. **Third Year** - All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EE312	Instrumentation and Microcontrollers	3	20
EM301	Engineering Analysis	3	20
56324	Engineering Innovation and Management	3	10
EM310	Signals and Systems	3	10
ME305	Dynamics 3	3	10
EM304	Integrated Design	3	20
	Elective Modules		20

Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
EE311	Electronic and Electrical Principles 3	3	20
ME301	Heat and Flow 3	3	20

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Leader.
Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EM401	Individual Project	4	40
EM402	Systems Engineering	4	20

Optional Modules

Optional modules in Fourth Year must be approved by the Programme Leader 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 modules taught by each of the two associated Departments: Electronic and Electrical Engineering, and Mechanical and Aerospace Engineering.

10 credits chosen from:

Module Code	Module Title	Level	Credits
ME310	Professional Responsibilities	3	10
ME311	Business Analysis in Engineering	3	10

Plus 50 credits comprised from modules listed below.
Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Optional Modules:

Available from the Department of Electronic and Electrical Engineering:

Module Code	Module Title	Level	Credits
EE466	Power Electronics, Machines and Applications	4	20
EE467	Power System Design, Operation and Protection	4	20
EE468	Analogue Systems	4	20
EE469	Digital Signal Processing Principles	4	20
EE470	Information Transmission and Security	4	20
EE471	Communications Networks	4	20
EE472	Control Principles	4	20
EE473	Photonic Systems	4	20

Available from the Department of Mechanical and Aerospace Engineering:

Module Code	Module Title	Level	Credits
16402	Case Studies in Engineering	4	10
16415	Engineering Dynamics	4	10

16429	Computer Aided Engineering Design	4	20
ME403	Engineering Materials Selection	4	10
ME404	Energy Systems Modelling	4	10
ME405	Heat and Flow 4	4	10
ME414	Advanced Mechanics and Dynamics	4	20
ME425	Aerospace Propulsion	4	10

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

Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

For **MEng in Electrical and Mechanical Engineering with International Study**, students who undertake study abroad during fourth year shall follow an approved curriculum which is equivalent to that specified in these regulations. Where students are not able to undertake individual project module(s) equivalent to individual project EM401, they will, subject to the approval of Programme Director, be allowed to undertake equivalent group project modules equivalent to EM501. In such cases, students will be required to undertake an equivalent individual project module in Year 5.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EM502	Advanced Systems Engineering	5	20
EM501	Group Project	5	40
	OR		
EE5XY*	Individual Project	5	40

*Students taking the MEng in Electrical and Mechanical Engineering with International Study who undertook a group project equivalent to EM501 during their 4th year abroad will be required to take an individual project module EE5XY.

Optional Modules

Optional modules in Fifth Year must be approved by the Programme Leader and achieve an acceptable balance between the two disciplines.

60 credits comprised from modules listed below.

Available from the Department of Electronic and Electrical Engineering:

Module Code	Module Title	Level	Credits
EE573	Advanced Power System Analysis and Protection	5	20

EE574	High Voltage Technology and Electromagnetic Compatibility	5	20
EE575	Power Electronics for Energy and Drive Control	5	20
EE576	Power System Economics, Markets and Asset Management	5	20
EE577	Wind Energy and Distributed Energy Resources	5	20
EE578	Advanced Digital Signal Processing	5	20
EE579	Advanced Microcontroller Applications	5	20
EE580	DSP and FPGA-based Embedded System Design	5	20
EE581	Image and Video Processing	5	20

Available from the Department of Mechanical and Aerospace Engineering:

Module Code	Module Title	Level	Credits
16565	Engineering Composites	5	10
16587	Pressurised Systems	5	10
16599	Aerodynamic Propulsion Systems	5	10
ME507	Machinery Diagnosis and Condition Monitoring	5	10
ME512	Spaceflight Mechanics	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME517	Spaceflight Systems	5	10
ME526	Engineering Plasticity	5	10
ME527	Introduction to Engineering Optimisation	5	10
ME528	Control Systems Design	5	10
ME529**	Aerodynamics in C	5	10
ME923**	Gas and Steam Turbines	5	10
ME926**	Nuclear Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME953	Engineering Artificial Environments	5	10
ME975	Satellite Data Assimilation and Analysis	5	10
ME978	Advanced Materials Processing and Manufacturing	5	10

**denotes those modules delivered by online learning. A maximum of 20 credits spread over two semesters by online learning may be selected.

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

Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progression

8. To progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. To progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. To progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. To progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include the Individual Project.

12. MEng in Electrical and Mechanical Engineering with International Study: In order to progress to a period of study abroad, a student must normally have passed all modules from the programme curriculum. Any student who does not meet this requirement may be required to transfer to another programme not requiring study abroad.

Final Assessment and Classification

13. 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 modules taken in the third, fourth and fifth years.

Award

14. **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 620 credits from the programme curriculum including those for the Individual Project EM401 and the Group Project EM501.

15. **MEng in Electrical and Mechanical Engineering with International Study:** In order to qualify for the award of the degree of MEng in Electrical and Mechanical Engineering with International Study, a candidate must have accumulated no fewer than 620 credits from the programme curriculum and must normally have undertaken successfully no fewer than 30 weeks of approved study abroad.

16. **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 500 credits from the programme curriculum including those for the Individual Project EM401.

17. **BEng:** In order to qualify for the award of the degree of BEng in Electrical and Mechanical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Electrical and Mechanical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Electrical and Mechanical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING – Bahrain

Bachelor of Engineering with Honours in Electronic and Electrical Engineering – Bahrain
Bachelor of Engineering in Electronic and Electrical Engineering – Bahrain
Diploma of Higher Education in Electronic and Electrical Engineering – Bahrain
Certificate of Higher Education in Applied Sciences – Bahrain

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

Duration of study

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of study

2. The programme is available by full-time study only.

Place of study

3. Students will study at the University of Strathclyde, Bahrain.

Curriculum

4. **First Year –** All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
XXXXX	Electronics	1	10
MM157	Maths	1	20
MM155	Computational Maths	1	20
PH189	Physics 1	1	20
PH190	Physics 2	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
D1213	Engineering Design and Manufacture	2	10
XXXXX	Physical Electronics	2	10

E1207	Electromagnetism	2	10
E1269	Electronic and Electrical Principles 2	2	20
E1270	Digital Electronic Systems	2	20
E1271	Electronic and Electrical Techniques and Design 2	2	10
E1273	Engineering Design for Software Development 2	2	20
XXXXX	Engineering Mathematics 3E	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
E1320	Signals and Communication Systems	3	20
E1311	Electronic and Electrical Principles 3	3	20
E1312	Instrumentation and Microcontrollers	3	20
E1313	Engineering Analysis	3	20
E1324	Engineering Innovation and Management	3	10
E1318	Engineering Project	3	10
	Elective Modules	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
E1496	Project	4	40

Optional modules
Students must choose 80 credits from the list below:

Module Code	Module Title	Level	Credits
E1315	Analogue and Digital System Design	3	20
E1466	Power, Electronics, Machines and Applications	4	20
E1467	Power System Design, Operation and Protection	4	20
E1468	Analogue Systems	4	20

E1469	Digital Signal Processing Principles	4	20
E1470	Information Transmission and Security	4	20
E1471	Communication Networks	4	20
E1472	Control Principles	4	20
E1473	Photonic Systems	4	20
E1474	Robotic Systems	4	20

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

Not all optional modules on this list will be available in each academic year.

Progress

8. In order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed HF103 Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt.

9. In order to progress to third year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to fourth year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

11. The final classification will normally be based on the first assessed attempt at modules taken in the third and fourth years.

Award: Subject to the completion of additional national requirements.

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

13. **BEng:** In order to qualify for the award of the degree of BEng in Electronic and Electrical Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Electronic and Electrical Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Sciences - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING

Graduate Diploma in Electronic and Electrical Engineering

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

Admission

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

Duration of Study

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EE420	Individual Project	4	40

Optional Modules

80 credits chosen from the list below.

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

Optional Modules at Levels 3 and 4

Module Code	Module Title	Level	Credits
EE315	Analogue and Digital System Design	3	20
EE317	Renewable Energy Technologies	3	20

EE466	Power Electronics, Machines and Applications	4	20
EE467	Power System Design, Operation and Protection	4	20
EE468	Analogue Systems	4	20
EE469	Digital Signal Processing Principles	4	20
EE470	Information Transmission and Security	4	20
EE471	Communications Networks	4	20
EE472	Control Principles	4	20
EE473	Photonic Systems	4	20

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

Examination, Progress and Final Assessment

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.

6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

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

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRONIC AND ELECTRICAL ENGINEERING

ELECTRONIC AND ELECTRICAL ENGINEERING

Master of Engineering in Electronic and Electrical Engineering
Master of Engineering in Electronic and Electrical Engineering with Business Studies
Master of Engineering in Electronic and Electrical Engineering with International Study
Master of Engineering in Electrical Energy Systems
Master of Engineering in Electronic and Digital Systems
Bachelor of Engineering with Honours in Electronic and Electrical Engineering
Bachelor of Engineering in Electronic and Electrical Engineering
Diploma of Higher Education in Electronic and Electrical Engineering
Certificate of Higher Education in Electronic and Electrical Engineering

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

Mode of Study

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

Place of Study

2. 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 normally will be undertaken during fourth year of the programme. Study abroad may exceptionally comprise two exchanges with different institutions of one semester each.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EE105	Electronic and Electrical Techniques and Design 1	1	20
EE106	Engineering Design for Software Development 1	1	20
EE107	Electronic and Electrical Principles 1	1	20
MM113	Engineering Mathematics 1E	1	20
MM114	Engineering Mathematics 2E	1	20
PH167	Physical Electronics	1	10
	Elective Module		10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
56213	Engineering Design and Manufacture	2	10
PH260	Physical Electronics	2	10
19207	Electromagnetism	2	10
EE269	Electronic and Electrical Principles 2	2	20
EE270	Digital Electronic Systems	2	20
EE271	Electronic and Electrical Techniques and Design 2	2	10
EE273	Engineering Design for Software Development 2	2	20
MM213	Engineering Mathematics 3E	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EE320	Signals and Communications Systems	3	20
EE311	Electronic and Electrical Principles 3	3	20
EE312	Instrumentation and Microcontrollers	3	20
EE313	Engineering Analysis	3	20
56324	Engineering Innovation and Management	3	10
EE318	Engineering Project	3	10
	Elective Modules		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
19496	Project	4	40

Optional Modules

80 credits appropriate to the chosen programme.

BEng in Electronic and Electrical Engineering
Optional modules chosen from Lists A, B and C.

For MEng students, optional modules 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 modules chosen from Lists A, B and C.

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

MEng in Electronic and Electrical Engineering with Business Studies
Optional modules chosen from Lists A, B and C.

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

MEng in Electronic and Electrical Engineering with International Study
Optional modules chosen from Lists A, B and C.

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

Students who elect to undertake study abroad during fourth year shall follow an approved curriculum which is equivalent to that specified in these regulations. Where students are not able to undertake individual project module(s) equivalent to individual project 19496, they will, subject to the approval of Programme Director, be allowed to undertake equivalent group project modules equivalent to 19520. In such cases, students will be required to undertake an equivalent individual project module in Year 5.

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

MEng in Electrical Energy Systems

Compulsory Modules
If not already taken:

Module Code	Module Title	Level	Credits
EE317	Renewable Energy Technologies	3	20

Optional modules chosen from

At Levels 3 and 4, Lists A and C.

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

MEng in Electronic and Digital Systems

Compulsory Modules

If not already taken:

Module Code	Module Title	Level	Credits
EE315	Analogue and Digital System Design	3	20

Optional modules chosen from

At Levels 3 and 4, Lists B and C.

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

Optional Modules at Level 4.

List A: Electrical Energy Systems

Module Code	Module Title	Level	Credits
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

Module Code	Module Title	Level	Credits
EE468	Analogue Systems	4	20
EE469	Digital Signal Processing Principles	4	20
EE470	Information Transmission And Security	4	20

List C: General

Module Code	Module Title	Level	Credits
EE315	Digital and Analogue Systems	3	20
EE317	Renewable Systems	3	20
EE471	Communications Networks	4	20
EE472	Control Principles	4	20
EE473	Photonic Systems	4	20
EE474	Robotics: Systems And Control	4	20
EE579	Advanced Microcontroller Applications	5	20

Not all optional modules on these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

8. Fifth Year
All students shall undertake modules amounting to 120 credits as follows:

<u>Compulsory Modules</u>

Module Code	Module Title	Level	Credits
19520	Group Project	5	40

Optional Modules

80 credits appropriate to the chosen programme.

Optional modules 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 modules chosen from Lists A and B.

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

MEng in Electronic and Electrical Engineering with Business Studies
60 credits of optional modules chosen from Lists A and B plus 20 credits of business studies modules chosen from the list below:

Module Code	Module Title	Level	Credits
MS952	Regulation and Competition in Network Industries	5	20
CL504	Financial Engineering	5	10
ME927	Energy Resources and Policy	5	10
MS969	Advanced Project Management	5	10

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

MEng in Electronic and Electrical Engineering with International Study
Optional modules chosen from Lists A and B.

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

Students who undertook a group project equivalent to 19520 during their 4th year abroad will be required to take an individual project module EE5XY.

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

MEng in Electrical Energy Systems
Optional modules chosen from List A.

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

MEng in Electronic and Digital Systems
Optional modules chosen from List B.

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

Optional Modules at Level 5

List A: Electrical Energy Systems

Module Code	Module Title	Level	Credits
EE573	Advanced Power System Analysis and Protection	5	20
EE574	High Voltage Technology and Electromagnetic Compatibility	5	20
EE575	Power Electronics for Energy and Drive Control	5	20
EE576	Power System Economics, Markets and Asset Management	5	20
EE577	Wind Energy and Distributed Energy Resources	5	20

List B: Electronic and Digital Systems

Module Code	Module Title	Level	Credits
EE578	Advanced Digital Signal Processing	5	20
EE579	Advanced Microcontroller Applications	5	20
EE580	DSP and FPGA-based Embedded System Design	5	20
EE581	Image and Video Processing	5	20

Not all optional modules in these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

9. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

13. The final classification of the chosen programme in Electronic and Electrical Engineering will normally be based on the first attempt at compulsory and optional modules taken in third, fourth and fifth years.

Award

14. **MEng**: In order to qualify for the award of the degree of MEng in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include the Individual Project 19496 and the Group Project 19520.

15. **MEng in Electronic and Electrical Engineering with International Studies**: The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and a candidate must have undertaken successfully no fewer than 30 weeks of approved study abroad.

16. **BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in Electronic and Electrical Engineering the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include the Individual Project 19496.

17. **BEng**: In order to qualify for the award of the degree of BEng in Electronic and Electrical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Electronic and Electrical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Electronic and Electrical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

FACULTY PROGRAMME

ENGINEERING ACADEMY

Bachelor of Engineering Engineering Academy

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

Mode of Study

1. The programme is available by full-time study only.

Curriculum

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

Optional Modules

One module chosen from List A and one module chosen from List B.

List A: College Curriculum

Module Code	Module Title	Level	Credits
EF001	Engineering Academy Year 1 - Forth Valley College	1	120
EF003	Engineering Academy Year 1 - City of Glasgow College	1	120
EF004	Engineering Academy Year 1 - New College Lanarkshire	1	120
EF005	Engineering Academy Year 1 - Ayrshire College	1	120
EF006	Engineering Academy Year 1 - West College Scotland	1	120
EF007	Engineering Academy Year 1 - Glasgow Clyde College	1	120
EF008	Engineering Academy Year 1 - Glasgow Kelvin College Electronics	1	120
EF009	Engineering Academy Year 1 - Glasgow Kelvin College General Engineering	1	120

List B: Department Transition Programme

Module Code	Module Title	Level	Credits
EF010	Engineering Academy Year 1 - Biomedical Engineering	1	0
EF011	Engineering Academy Year 1 - Chemical & Process Engineering	1	0
EF012	Engineering Academy Year 1 - Civil & Environmental Engineering	1	0
EF013	Engineering Academy Year 1 - Design Manufacture & Engineering Management	1	0
EF015	Engineering Academy Year 1 - Electronic & Electrical Engineering	1	0
EF016	Engineering Academy Year 1 - Mechanical & Aerospace Engineering	1	0
EF017	Engineering Academy Year 1 - Naval Architecture, Ocean & Marine Engineering	1	0

Progress

3. In order to progress to their approved degree programme*, a student must have gained 120 credits from the programme curriculum.

   * Students who meet the progress criteria will progress and transfer to an approved degree programme as listed within the Collaborative Articulation Agreement between the University of Strathclyde and Ayrshire College, City of Glasgow College, Forth Valley College, Glasgow Clyde College, Glasgow Kelvin College, New College Lanarkshire, and West College Scotland.

FACULTY OF ENGINEERING

FACULTY PROGRAMME

ENGINEERING: DESIGN AND MANUFACTURE

Bachelor of Engineering with Honours in Engineering: Design and Manufacture
Bachelor of Engineering in Engineering: Design and Manufacture
Diploma of Higher Education in Engineering: Design and Manufacture
Certificate of Higher Education in Engineering: Design and Manufacture

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO101	Mathematics and Numerical Tools 1	1	30
EO102	Design and Production 1	1	30
EO103	Mechanical Engineering Systems 1	1	30
EO104	Electronic and Electrical Engineering Systems 1	1	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO201	Mathematics and Numerical Tools 2	2	30
EO202	Design and Production 2	2	30
EO203	Mechanical Engineering Systems 2	2	30
EO204	Electronic and Electrical Engineering Systems 2	2	30

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO300	Engineering Design and Manufacture Project A	3	60

Optional Modules

60 credits at Level 3 or Level 4 chosen from the list of optional modules below. A maximum of 20 credits can be taken from List B.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EO400	Engineering Design and Manufacture Project B	4	60

Optional Modules

60 credits at Level 4 chosen from the list of optional modules below. A maximum of 20 credits can be taken from List B.

List A

Module Code	Module Title	Level	Credits
EO301	Structure and Properties of Engineering Materials	3	20
EO302	Advanced Engineering Production Techniques	3	20
EO303	Digital Electronics and Embedded Systems	3	20
EO305	Key Power Systems Concepts and Foundations	3	20
EO401	Sensors Systems Signals and Instrumentation	4	20
EO402	Applied Mechanics and Machine Design	4	20
EO403	Design for X	4	20
EO404	Production Operations and Quality Management	4	20
EO405	Robotics and Control	4	20
EO406	Energy Fundamentals and Applications	4	20
EO408	Power System Operation Control and Protection	4	20
EO413	Principles and Applications of Non-Destructive Evaluation	4	20

List B

CS358	Introduction to Programming	3	20
OB304	Managing People for Innovation and Performance	3	20
OB305	Managing Change	3	20
OB309	Marketing Foundations, Principles and Strategic Approach	3	20
OB403	Entrepreneurial Mindset in the Workplace	4	10
OB405	Operations Management and Simulation	4	10

Progress

6. In order to progress to the second year of the programme, a student must have accumulated at least 120 credits from the programme curriculum.

7. In order to progress to the third year of the programme, a student must have accumulated at least 240 credits from the programme curriculum.

8. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

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

Award

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

11. **BEng:** In order to qualify for the award of the degree of BEng in Engineering: Design and Manufacture, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Engineering: Design and Manufacture, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Engineering: Design and Manufacture, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

FACULTY PROGRAMMES

ENGINEERING STUDIES

Bachelor of Engineering in Engineering Studies
Diploma of Higher Education in Engineering Studies
Certificate of Higher Education in Engineering Studies

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

Status of the Programmes

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

Mode of Study

2. The programmes are available by full-time and part-time study.

Curriculum (Full-time study)

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

Optional Modules

Module Code	Module Title	Level	Credits
	Engineering Modules	1	100
	Elective Module(s)		20

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

Optional Modules

Module Code	Module Title	Level	Credits
	Engineerng Modules	2	60
	Engineering Modules	1 or 2	40
	Elective Module(s)		20

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

Optional Modules

Module Code	Module Title	Level	Credits
	Engineering Modules	3	60
	Engineering Modules	2 or 3	40
	Elective Module(s)		20

Curriculum (Part-time study)

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

Progress (Full-time study)

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

9. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

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

11. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Engineering Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

MECHANICAL ENGINEERING – Bahrain

Bachelor of Engineering with Honours in Mechanical Engineering – Bahrain
Bachelor of Engineering in Mechanical Engineering – Bahrain
Diploma of Higher Education in Mechanical Engineering – Bahrain
Certificate of Higher Education in Applied Sciences – Bahrain

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

Duration of study

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of study

2. The programme is available by full-time study only.

Place of study

3. Students will study at the University of Strathclyde, Bahrain.

Curriculum

4. **First Year –** All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
PH189	Physics 1	1	20
PH190	Physics 2	1	20
MM157	Maths	1	20
MM155	Computational Maths	1	20
XXXXX	Electronics	1	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M1232	Engineering Mechanics 2	2	20
E1222	Electrical Machines and Control	2	10

M1203	Heat and Flow 2	2	20
M1209	Mathematical Modelling and Analysis	2	20
M1212	Materials Engineering and Design	2	10
M1214	Mechanical Engineering Design 2	2	10
XXXXX	Mathematics 2M	2	10
M1294	Energy Systems 1	2	10
	Elective Module		10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M1361	Dynamics and Control	3	20
M1363	Engineering Analysis 3	3	20
M1301	Heat and Flow 3	3	20
M1327	Structural Mechanics	3	10
M1311	Business Analysis in Engineering	3	10
M1310	Professional Responsibilities	3	10
M1316	Design 3A	3	10
M1317	Design 3B	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M1402	Case Studies in Engineering	4	10
M1429	Computer Aided Engineering Design	4	20
M1403	Engineering Materials Selection	4	10
M1405	Heat and Flow 4	4	10
M1414	Advanced Mechanics and Dynamics	4	20
M1404	Energy Systems and Modelling	4	10

M1409	Individual Project	4	40

Progress

8. In order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed HF103 Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt.

9. In order to progress to third year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to fourth year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

11. The final classification will normally be based on the first assessed attempt at modules taken in the third and fourth years.

Award: Subject to the completion of additional national requirements.

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

13. **BEng:** In order to qualify for the award of the degree of BEng in Mechanical Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mechanical Engineering - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Sciences - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

MECHANICAL AND AEROSPACE ENGINEERING

Graduate Diploma in Mechanical and Aerospace Engineering

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

Admission

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

Duration of Study

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

3. The programmes are available by full-time and part-time study.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
ME421	Graduate Diploma Individual Project	4	40
16402	Case Studies in Engineering	4	10
16429	Computer Aided Engineering Design	4	20
ME403	Engineering Materials Selection	4	10
ME405	Heat and Flow 4	4	10
ME414	Advanced Mechanics and Dynamics	4	20

Optional Modules

10 credits chosen from:

Module Code	Module Title	Level	Credits
ME425	Aerospace Propulsion	4	10
ME404	Energy Systems Modelling	4	10

Exceptionally, such other modules totalling no more than 10 credits as approved by the Programme Leader.

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the coursework and in the Individual Project.

6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

7. **Graduate Diploma:** In order to qualify for the award of Graduate Diploma in Mechanical and Aerospace Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and have accumulated no fewer than 120 credits from Level 4 of which 40 credits must have been awarded in respect of the Individual Project ME421.

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

MECHANICAL ENGINEERING

Master of Engineering in Aero-Mechanical Engineering
Master of Engineering in Mechanical Engineering
Master of Engineering in Mechanical Engineering with International Study
Bachelor of Engineering with Honours in Aero-Mechanical Engineering
Bachelor of Engineering with Honours in Mechanical Engineering
Bachelor of Engineering with Honours in Mechanical Engineering with International Study
Bachelor of Engineering in Mechanical Engineering
Diploma of Higher Education in Mechanical Engineering
Certificate of Higher Education in Mechanical Engineering

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

Mode of Study

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

Place of Study

2. 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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16132	Engineering Mechanics 1	1	20
ME108	Engineering Analysis and Numerical Methods	1	10
EE108	Electrical Circuits	1	10
ME101	Heat and Flow 1	1	10
ME107	Experimental and Laboratory Skills	1	10
ME105	Mechanical Engineering Design	1	20
MM117	Mathematics 1M	1	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16232	Engineering Mechanics 2	2	20
19222	Electrical Machines and Control	2	10
ME203	Heat and Flow 2	2	20
ME209	Mathematical Modelling and Analysis	2	20
ME212	Materials Engineering and Design	2	10
ME214	Mechanical Engineering Design 2	2	10
MM217	Mathematics 2M	2	10

Together with modules appropriate to the chosen programme:

Mechanical Engineering
Mechanical Engineering with International Study

Module Code	Module Title	Level	Credits
16294	Energy Systems 1	2	10
	Elective Module		10

Aero-Mechanical Engineering

Module Code	Module Title	Level	Credits
16231	Flight and Spaceflight 1	2	10
ME201	Aero Design and Flight Test	2	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16361	Dynamics and Control	3	20
16363	Engineering Analysis 3	3	20
ME301	Heat and Flow 3	3	20
16327	Structural Mechanics	3	10
ME311	Business Analysis in Engineering	3	10

ME310	Professional Responsibilities	3	10
ME3XX	Design 3A	3	10
ME3YY	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 programme. Such study will normally extend over a minimum period of 30 weeks.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16402	Case Studies in Engineering	4	10
16429	Computer Aided Engineering Design	4	20
ME403	Engineering Materials Selection	4	10
ME405	Heat and Flow 4	4	10
ME414	Advanced Mechanics and Dynamics	4	20

Together with modules appropriate to the chosen programme:

Aero-Mechanical Engineering

Module Code	Module Title	Level	Credits
ME420	Individual Project - Aerospace	4	40
ME425	Aerospace Propulsion	4	10

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

Mechanical Engineering
Mechanical Engineering with International Study

Module Code	Module Title	Level	Credits
ME404	Energy Systems Modelling	4	10
ME409	Individual Project	4	40

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

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 Modules

Module Code	Module Title	Level	Credits
ME525	MEng Group Project – Aerospace	5	40
ME538	Professional Skills for Senior Engineers	5	10
ME537	Atmospheric Flight Dynamics and Control	5	10
ME533	Lightweight Structures	5	10
ME532	Aerodynamics of Supersonic Aircraft	5	10

Together with 40 credits of level 5 Optional Modules chosen from the lists below.

Mechanical Engineering
Mechanical Engineering with International Study

Compulsory Modules

Module Code	Module Title	Level	Credits
ME519	MEng Group Project	5	40
ME5XX	Professional Skills for Senior Engineers	5	10
ME927	Energy Resources and Policy	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME5XX	Advanced Topics in Mechanics and Dynamics	5	10

Together with 40 credits of level 5 Optional Modules chosen from the lists below.

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

Students who elect to undertake their Group Project abroad in fifth year must do so at an institution acceptable to the Head of Department and shall be registered for the following:

Aero-Mechanical Engineering

Compulsory Modules

Module Code	Module Title	Level	Credits
ME535	Group Project Abroad	5	50

ME538	Professional Skills for Senior Engineers	5	10
ME537	Atmospheric Flight Dynamics and Control	5	10
ME533	Lightweight Structures	5	10
ME532	Aerodynamics of Supersonic Aircraft	5	10

Together with 30 credits of level 5 Optional Modules chosen from the lists below.

Mechanical Engineering
Mechanical Engineering with International Study

Compulsory Modules

Module Code	Module Title	Level	Credits
ME535	Group Project Abroad	5	50
ME538	Professional Skills for Senior Engineers	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME534	Advanced Topics in Mechanics and Dynamics	5	10

Together with 40 credits of level 5 Optional Modules chosen from the lists below.

Optional Modules

Not all optional modules on these lists will be available in each academic year.

The number of optional modules to be taken for each programme is specified above.

List A

Module Code	Module Title	Level	Credits
16565	Engineering Composites	5	10
16587	Pressurised Systems	5	10
ME512	Spaceflight Mechanics	5	10
ME514	Advanced Topics in Fluid Systems Engineering	5	10
ME517	Spaceflight Systems	5	10
ME520	Advanced Research Project A	5	10
ME521	Advanced Research Project B	5	20
ME526	Engineering Plasticity	5	10
ME527	Introduction to Engineering Optimisation	5	10

ME528	Control Systems Design	5	10
ME926**	Nuclear Power Systems	5	10
ME927	Energy Resources and Policy	5	10
ME929	Electrical Power Systems	5	10
ME953	Engineering Artificial Environments	5	10
ME975	Satellite Data Assimilation and Analysis	5	10
ME978	Advanced Materials Processing and Manufacturing	5	10
ME534	Advanced Topics in Mechanics and Dynamics	5	10
ME537	Atmospheric Flight Dynamics and Control	5	10
ME533	Lightweight Structures	5	10
ME532	Aerodynamics of Supersonic Aircraft	5	10

List B

Module Code	Module Title	Level	Credits
EF500	STEM Engagement and Support (Only available to Strathclyde Engineering Scholars)	5	10
EF950	Design Methods and Management	5	10
EF929	Financial Engineering	5	10
EF932	Risk Management	5	10
EV939	Environmental Impact Assessment	5	10
CL994	Circular Economy and Transformations towards Sustainability	5	10
NM522	Renewable Marine Energy Systems	5	10

And available to students not enrolled on MEng Aero-Mechanical Engineering

16599	Aerodynamic Propulsion Systems	5	10

**denotes those modules delivered by online learning. A maximum of 20 credits spread over two semesters by online learning may be selected.

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

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

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

Final Assessment and Classification

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

Award

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, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **MEng in Mechanical Engineering with International Study**: 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.

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

17. **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 the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must have spent 30 weeks of approved study abroad.

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

19. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Mechanical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

20. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Mechanical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

Master of Engineering in Naval Architecture and Marine Engineering
Master of Engineering in Naval Architecture with Ocean Engineering
Master of Engineering in Naval Architecture with High Performance Marine Vehicles
Bachelor of Engineering with Honours in Naval Architecture and Marine Engineering
Bachelor of Engineering with Honours in Naval Architecture with Ocean Engineering
Bachelor of Engineering with Honours in Naval Architecture with High Performance Marine Vehicles
Bachelor of Engineering in Naval Architecture and Marine Engineering
Bachelor of Engineering in Naval Architecture with Ocean Engineering
Bachelor of Engineering 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

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

Mode of Study

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

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
16132	Engineering Mechanics1	1	20
NM102	Introduction to Naval Architecture and Marine Engineering	1	20
NM103	Analysis Tools for Marine Design	1	20
MM111	Mathematics 1B	1	20
MM112	Mathematics 2B	1	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
NM209	Principles of Marine Design and Production	2	20

NM210	Analysis and Design of Marine Structures 1	2	20
NM211	Engineering Applications for Naval Architects and Marine Engineers	2	10
NM212	Hydrostatics and Stability of Marine Vehicles	2	20
NM213	Marine Engineering Fundamentals	2	20
NM2xx	Fluid Mechanics in Naval Architecture, Ocean & Marine Engineering	2	10
MM211	Mathematics 3B	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
NM312	Analysis and Design of Marine Structures 2	3	20
NM313	Hydrodynamics, Resistance and Propulsion	3	20
NM314	Marine Design	3	20
NM316	Marine Engineering Systems and Control	3	20
NM335	Business Concepts and International Merchant Shipping	3	10
NM323	The Marine Environment	3	10
NM327	Professional Development	3	10

together with modules appropriate to the chosen programme:

Naval Architecture and Marine Engineering

Compulsory Modules

Module Code	Module Title	Level	Credits
NM324	Principles and Application of Marine Machinery	3	10

Naval Architecture with Ocean Engineering

Compulsory Module

Module Code	Module Title	Level	Credits
NM325	Offshore Oil and Gas Production Systems	3	10

Naval Architecture with High Performance Marine Vehicles

Compulsory Module

Module Code	Module Title	Level	Credits
NM305	Yacht and Powercraft Design	3	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
NM423	Seakeeping and Manoeuvring	4	20
NM402	Theory and Practice of Marine CFD	4	10
21452	Finite Element Analysis of Marine Structures	4	10

together with modules appropriate to the chosen programme:

Naval Architecture and Marine Engineering

Compulsory Modules

Module Code	Module Title	Level	Credits
NM421	Marine Power and Electrical Systems	4	20
NM428	Marine Engineering Project	4	40
NM415	Marine Refrigeration and Air Conditioning	4	10
NM409	Marine Transmission and Propulsion Systems	4	10

Naval Architecture with Ocean Engineering

Compulsory Modules

Module Code	Module Title	Level	Credits
NM430	Ocean Engineering Project	4	40
NM404	Ship Structural Dynamics	4	10
NM435	Structural Reliability	4	10
NM436	Dynamics of Offshore Structures	4	20

Naval Architecture with High Performance Marine Vehicles

Compulsory Modules

Module Code	Module Title	Level	Credits
NM439	High Performance Sailing Yachts	4	10
NM437	High Speed Ships	4	10
NM440	High Performance Marine Vehicles Project	4	40
NM404	Ship Structural Dynamics	4	10
NM443	High Performance Marine Structures	4	10

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

Compulsory Modules

Module Code	Module Title	Level	Credits
NM502	Group Design Project	5	40
21551	The Marine Regulatory Framework	5	10
NM527	Advanced Marine Design	5	10
NM528	Maritime Safety and Risk	5	10

together with modules appropriate to the chosen programme:

Naval Architecture and Marine Engineering

Module Code	Module Title	Level	Credits
21525	Advanced Marine Engineering	5	10
NM524	On-board Energy Management and Environment Protection	5	10

Naval Architecture with Ocean Engineering

Module Code	Module Title	Level	Credits
NM513	Design and Construction of FPSO's	5	10
NM 536	Physical Testing of Offshore Renewable Energy Systems	5	10

Naval Architecture with High Performance Marine Vehicles

Module Code	Module Title	Level	Credits
NM529	Ship Operability and Control	5	10
NM530	Ship Powering in Service	5	10

Optional Modules

No fewer than 30 credits chosen from:

Module Code	Module Title	Level	Credits
NM522	Renewable Marine Energy Systems	5	10
NM523	Systems Availability and Maintenance	5	10
NM532	Shipping Economics and Market Sector Analysis	5	10

And depending on the degree:

Naval Architecture and Marine Engineering

Module Code	Module Title	Level	Credits
21526	Marine Engineering Simulation & Modelling	5	10
NM533	Autonomous Marine Vehicles Modelling and Digital Twin	5	10

Naval Architecture with Ocean Engineering

Module Code	Module Title	Level	Credits
NM531	Marine Pipeline Integrity	5	10
NM5XX	OWT Dynamics II: Aero-Hydro-Servo-Elastic Coupled Dynamics with OpenFAST	5	10

Naval Architecture with High Performance Marine Vehicles

Module Code	Module Title	Level	Credits
21518	Computational Free Surface Hydrodynamics	5	10
NM537	Dynamics of Fixed and Floating Offshore Structures	5	10

Exceptionally, such other modules as may be approved by the Programme Director.

Progress

7. In order to progress to the second year of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

8. In order to progress to the third year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

9. In order to progress to the fourth year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to the fifth year of the chosen programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level a student must also gain passes in one of the following modules: NM428 Marine Engineering Project or NM430 Ocean Engineering Project or NM440 High Performance Marine Vehicles Project as appropriate.

Final Assessment and Classification

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

Award

12. **MEng**: In order to qualify for the award of the degree of MEng in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include NM502 Group Design Project and either NM428 Marine Engineering Project or NM430 Ocean Engineering Project or NM440 High Performance Marine Vehicles Project as appropriate.

13. **BEng with Honours**: In order to qualify for the award of the degree of BEng with Honours in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must NM428 Marine Engineering Project or NM430 Ocean Engineering Project or NM440 High Performance Marine Vehicles Project as appropriate.

14. **BEng**: In order to qualify for the award of the degree of BEng in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

15. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Naval Architecture and Marine Engineering the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

16. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Naval Architecture and Marine Engineering the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

FACULTY OF ENGINEERING

DEPARTMENT OF NAVAL ARCHITECTURE, OCEAN AND MARINE ENGINEERING

OCEAN AND MARINE ENGINEERING

Graduate Diploma in Ocean and Marine Engineering

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

Admission

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

Duration of Study

2. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
NM442	Ocean and Marine Engineering Graduate Diploma Project	4	20

Optional Modules

No fewer than 100 credits chosen from modules listed in section 5 of the Naval Architecture, Ocean and Marine Engineering undergraduate regulations.

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners in the programme work and in the Dissertation.

6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s), normally in the same academic year.

Award

7. **Graduate Diploma**: In order to qualify for the award of Graduate Diploma in Ocean and Marine Engineering, a candidate must have performed to the satisfaction of the Board

of Examiners and have accumulated no fewer than 120 credits at Level 4, of which 20 must have been awarded in respect of the Diploma Project.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

CENTRE FOR LIFELONG LEARNING

OPEN STUDIES

Open Studies Certificate (Applied Arts)
Open Studies Certificate (Theatre 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 (Musical Studies)
Open Studies Certificate (Politics and International Relations)
Open Studies Certificate (Social Policy)
Open Studies Certificate (English Literature)
Open Studies Certificate (Transferable Skills for Work)
Open Studies Certificate (Health and Safety Risk Management)
Certificate of Higher Education in Lifelong Learning in Humanities
Certificate of Higher Education in Lifelong Learning in Creative Arts

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

Admission
1. Applicants will normally be aged 18 years or over.

Mode of Study
2. The Open Studies Certificate programme is a part-time credit-based modular programme of continuing personal education modules at undergraduate level.

Period of Study
3. The minimum period of study is two semesters.

4. Unless granted an extension of time by the Open Studies Programme Board, a student who has not qualified for the award of the Open Studies Certificate within a period of eight semesters from the date of first registration may be required to withdraw.

5. 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.

Credit Transfer and Recognition of Prior Learning
6. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. Where exemption is granted this shall normally not exceed 10 credits.

Attendance
7. There is a 70% attendance requirement typically applied to Open Studies modules.

Curriculum
8. At the discretion of the Head of Lifelong Learning, any module may be withdrawn in any given year if it is deemed that insufficient numbers of students have enrolled for that module; such withdrawal will be notified as soon as is practical. Not all optional modules

on this list will be available in each academic year. Please check with the Centre for Lifelong Learning for confirmation of which optional modules will run.

Students may choose from the modules listed below:

List of Approved Modules by Pathway

Applied Arts

Module Code	Module Title	Level	Credits
OS186	Life Drawing in Colour	1	10
OS168	Taking Acrylics Further 3	1	10
OS176	Taking Watercolours Further 4	1	10
OS401	Drawing and Painting 1	1	10
OS402	Drawing and Painting 2	1	10
OS403	Drawing and Painting 3	1	10
OS641	Learn to Draw	1	10
OS643	Taking Acrylics Further 1	1	10
OS644	Taking Acrylics Further 2	1	10
OS645	Introduction to Portraiture	1	10
OS646	Taking Portraiture Further	1	10
OS647	Life Drawing	1	10
OS648	Taking Life Drawing Further	1	10
OS649	Taking Watercolours Further 2	1	10
OS650	Taking Watercolours Further 3	1	10
OS655	Hand-built Pottery for Beginners	1	10
OS656	Digital Photography 1	1	10
OS657	Digital Photography 2	1	10
OS658	Taking Watercolours Further 1	1	10
OS119	Learn to Paint with Acrylics	1	10
OS120	Learn to Paint with Oils	1	10
OS125	Learn to Paint with Watercolours	1	10

OS126	Taking Your Acrylic Paintings Further 4	1	10
OS127	Watercolour Painting: Portfolio Class 1	1	10
OS128	Acrylics Painting: Portfolio Class	1	10
OS196	Introduction to Botanical Drawing	1	10
OS197	Introduction to Botanical Painting	1	10
OS146	Taking Your Botanical Drawing & Painting Further	1	10
OS147	Taking Your Oil Painting Further 1	1	10
OS148	Taking Your Oil Painting Further 2	1	10
OS717	Get to Grips with Pastels	1	10
OS718	Taking Your Pastels Further	1	10
OS719	Drawing and Painting Landscapes	1	10

Applied Writing

Module Code	Module Title	Level	Credits
OS175	Taking Creating Writing Further 3	1	10
OS616	Creating Writing for Beginners	1	10
OS617	Taking Creative Writing Further 1	1	10
OS618	Taking Creative Writing Further 2	1	10
OS177	Read, Write and Perform Poetry 1	1	10
OS178	Read, Write and Perform Poetry 2	1	10
OS671	Creative Writing for Beginners Online	1	10
OS672	Feeding the Flame – (Taking Your Creative Writing Further 2 Online)	1	10
OS673	Ablaze – Taking Your Creative Writing Further 3 Online	1	10
OS675	An Introduction to Novel Writing Online	1	10

Humanities and Social Sciences

Module Code	Module Title	Level	Credits
OS611	How to Look at Art	1	10
OS612	How to Look at Scottish Art	1	10

OS613	How to Look at Modern Art	1	10
OS623	Philosophy for Beginners	1	10
OS624	Psychology for Beginners	1	10
OS100	Psychology and Ageing	1	10
OS625	Forensic Psychology for Beginners	1	10
OS198	Introduction to Sociology	1	10
OS180	Sociology 2	1	10

Psychology

Module Code	Module Title	Level	Credits
OS003	Open Studies Certificate in Psychology 1 A/B	1	30

Politics and International Relations

Module Code	Module Title	Level	Credits
OS005	Open Studies Certificate in Politics and International Relations	1	30

Social Policy

Module Code	Module Title	Level	Credits
OS799	Open Studies Certificate in Social Policy	1	30

English

Module Code	Module Title	Level	Credits
OS716	Open Studies Certificate in English Literature	1	30

Genealogical Studies

Module Code	Module Title	Level	Credits
OS685	Introduction to Family History Research	1	10
OS684	Family History Research - Beyond the Basics	1	10
OS686	Using Technology in Family History Research	1	10
OS137	Genetic Genealogy: An Introduction	1	10

OS138	An Introduction to Heraldry	1	10
OS714	Understanding Autosomal DNA Testing for Genealogy: A Beginners Guide	1	10
OS674	Introduction to Family History Research (Online)	1	10
OS677	Family History Research – Beyond the Basics (Online)	1	10
OS676	Using Technology in Family History Research (Online)	1	10

Language Studies

Module Code	Module Title	Level	Credits
OS140	Arabic 1A	1	10
OS150	Arabic 1B	1	10
OS035	French 1A	1	10
OS036	French 1B	1	10
OS132	French 2	1	10
OS133	French 3	1	10
OS204	French 4	1	10
OS045	German 1A	1	10
OS046	German 1B	1	10
OS142	German 2	1	10
OS143	German 3	1	10
OS203	German 4	1	10
OS065	Italian 1A	1	10
OS066	Italian 1B	1	10
OS162	Italian 2	1	10
OS163	Italian 3	1	10
OS205	Italian 4	1	10
OS171	Portuguese 1A	1	10
OS160	Portuguese 1B	1	10
OS172	Portuguese 2	1	10

OS181	Russian 1A	1	10
OS156	Russian 1B	1	10
OS182	Russian 2	1	10
OS095	Spanish 1A	1	10
OS096	Spanish 1B	1	10
OS192	Spanish 2	1	10
OS193	Spanish 3	1	10
OS202	Spanish 4	1	10
OS221	Gaelic 1A	1	10
OS157	Gaelic 1B	1	10
OS231	Japanese 1A	1	10
OS170	Japanese 1B	1	10
OS232	Japanese 2	1	10
OS004	Japanese 3	1	10
OS241	Polish 1A	1	10
OS159	Polish 1B	1	10
OS242	Polish 2	1	10
OS251	Chinese (Mandarin) Stage 1A	1	10
OS166	Chinese (Mandarin) Stage 1B	1	10
OS252	Chinese (Mandarin) Stage 2	1	10
OS281	Greek 1A	1	10
OS158	Modern Greek 1B	1	10
OS720	French 1A Online	1	10
OS721	French 1B Online	1	10
OS722	French 2 Online	1	10
OS723	French 3 Online	1	10
OS724	French 4 Online	1	10
OS725	German 1A Online	1	10

OS726	German 1B Online	1	10
OS727	German 2 Online	1	10
OS728	German 3 Online	1	10
OS729	German 4 Online	1	10
OS730	Italian 1A Online	1	10
OS731	Italian 1B Online	1	10
OS732	Italian 2 Online	1	10
OS733	Italian 3 Online	1	10
OS734	Italian 4 Online	1	10
OS735	Spanish 1A Online	1	10
OS736	Spanish 1B Online	1	10
OS737	Spanish 2 Online	1	10
OS738	Spanish 3 Online	1	10
OS739	Spanish 4 Online	1	10

Theatre Arts

Module Code	Module Title	Level	Credits
OS629	Acting 1	1	10
OS630	Acting 2	1	10
OS631	Acting 3	1	10
OS632	Acting 4	1	10
OS634	The Art of Directing	1	10
OS635	Finding Your Voice	1	10
OS636	Stand-up Comedy 1	1	10
OS637	Stand-up Comedy 2	1	10
OS638	How to Write for Stage and Screen	1	10
OS639	How to Write for Film	1	10

Musical Studies

Module Code	Module Title	Level	Credits
OS189	Musical Studies 1: From the Baroque to the Romantic	1	10
OS190	Musical Studies 2: From the Romantic to the Modern	1	10

Transferable Skills for Work

Module Code	Module Title	Level	Credits
OS678	Identifying and Adapting Your Skills in Mid/Late Career	1	10
OS679	Confidence Building and Re-Building for Job Change in Mid/Late Career	1	10
OS680	Effective Listening Skills	1	10
OS681	Identifying and Adapting Your Skills in Mid/late Career (Upskilling)	1	10
OS688	Identifying and Adapting Your Skills in Mid/Late Career (Upskilling)	1	10
OS682	Confidence Building and Re-Building for Job Change in Mid/Late Career (Upskilling)	1	10
OS687	Confidence Building and Re-Building for Job Change in Mid/Late Career (Upskilling)	1	10
OS691	Confidence Building and Re-Building for Job Change in Mid/Late Career (Upskilling)	1	10
OS683	Effective Listening Skills (Upskilling)	1	10
OS689	Effective Listening Skills (Upskilling)	1	10
OS741	Presentation Skills for Work (Upskilling)	1	10
OS740	Presentation Skills for Work	1	10
OS742	Introduction to Novel Writing (Microcredentials)	1	10
OS743	Introduction to Novel Writing (Upskilling)	1	10
OS744	Beginners Italian (Microcredentials)	1	10
OS745	Beginners Spanish (Microcredentials)	1	10
OS746	Beginners Gaelic (Microcredentials)	1	10
OS692	Beginners Italian (Upskilling)	1	10
OS693	Beginners Spanish (Upskilling)	1	10
OS690	Beginners Gaelic (Upskilling)	1	10
OS751	Introduction to Counselling Theory (Upskilling)	1	10

Health and Safety Risk Management

Module Code	Module Title	Level	Credits

OS748	Principles of Health and Safety Risk Management	1	10
OS750	Principles of Occupational Health, and Wellbeing	1	10
OS749	Introduction to Human Factors	1	10

Modules not attached to any Pathway

Module Code	Module Title	Level	Credits
OS188	Independent Study	1	20

Modules not available for use towards an Open Studies Certificate or Certificate in Higher Education in Lifelong Learning

Module Code	Module Title	Level	Credits
OS174	Access to University Study	1	30

Progress

9. Students may progress to the following year of study without the requirement to pass all modules in the previous year.

Award

10. **Open Studies Certificate:** In order to qualify for the award, a student must have accumulated no fewer than 30 credits, with 20 of these credits from modules within one pathway. In the case of Open Studies Certificate (Language Studies), the Certificate may be awarded in a specified language.

11. **Certificate of Higher Education:** The Certificate of Higher Education in Lifelong Learning is issued as a named award in either Creative Arts or Humanities. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and the candidate must have accumulated no fewer than 90 of 120 credits from one of either Creative Arts or Humanities Open Studies pathways.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

CHILDHOOD PRACTICE

Bachelor of Arts in Childhood Practice
Diploma of Higher Education in Childhood Practice

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

Admission

1. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, applicants will normally have achieved the equivalent of 120 credits at Scottish Credit and Qualifications Framework (SCQF) level 7 and be employed in a post relevant to the field of study.

2. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, direct entry to Phase 2 is available to applicants with 120 credits at SCQF Level 7 and 60 credits at SCQF Level 8.

3. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, direct entry to Phase 3 is available to applicants with 120 credits at SCQF Level 7 and 120 credits at SCQF Level 8.

Status of the Degree

4. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. All students are normally admitted in the first instance to the Bachelor Degree.

Mode of Study

5. The programmes are offered by part-time study only at the University of Strathclyde. Additionally, the programmes may be delivered as an outreach programme when requested by a funding local authority.

Minimum Periods of Study

6. For direct entry to Second Year (Phase 1) the minimum period of study shall normally be 4 years.

7. For direct entry to Third Year (Phase 3) the minimum period of study shall normally be 2 years.

Maximum of Periods of Study

8. For direct entry to Second Year (Phase 1) the maximum period of study shall normally be 6 years.

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

Curriculum

10. **First Year** - The First Year curriculum is not taught.

11. **Second Year (Phase 1)** - All students shall undertake the following compulsory modules:

Module Code	Module Title	Level	Credits
X7203	Academic Literacy	2	20
X7205	Contemporary Childhood: A Sociological Perspective	2	20
X9298	Children's Rights & Social Justice	2	20

12. **Second Year (Phase 2)** - All students shall undertake the following compulsory modules:

Module Code	Module Title	Level	Credits
X7206	Emotional and Social Development: Observation and Working with Children	2	20
X7204	Emotional and Social Development: Foundations for Learning and Health	2	20
X9299	From Deficit to Strength-Based Working in Multi-Professional Teams	2	20

13. **Third Year (Phase 3)** - All students shall undertake the following compulsory modules:

Module Code	Module Title	Level	Credits
XXXX	Developing Playful Spaces: Following the Child's Curriculum	3	20
X9365	Promoting Playful Pedagogies in Practice	3	20
X7337	Leading Pedagogy & the Curriculum: Working Alongside Children & Families	3	20

14. **Third Year (Phase 4)** - All students shall undertake the following compulsory modules:

Module Code	Module Title	Level	Credits
X7336	Leading and Developing the Professional Self	3	20
X7338	Leading and Managing Evidence Based Innovation and Quality	3	20
X7354	Leading Professional Enquiry	3	20

Progress

15. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply; and a student must have accumulated no fewer than 220 credits from the programme curriculum.

16. The final award will be based on performance in the examinations, where undertaken, and in coursework at the appropriate Levels.

Award

17. **Bachelor of Arts in Childhood Practice:** In order to qualify for the award of the BA in Childhood Practice, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Diploma of Higher Education in Childhood Practice:** In order to qualify for the award of a Diploma of Higher Education in Childhood Practice, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATION AND CURRICULAR STUDIES WITH TEACHING QUALIFICATION

Bachelor of Science with Honours in Education and Curricular Studies with Teaching Qualification in
Technological Education
Home Economics
Computing Science
Art and Design
Biology with Science
Business Education
Chemistry with Science
English
Gaelic
Geography
History
Mathematics
Languages (French)
Languages (German)
Languages (Italian)
Languages (Mandarin)
Languages (Spanish)
Languages (French and German)
Languages (French and Italian)
Languages (French and Mandarin)
Languages (French and Spanish)
Languages (German and French)
Languages (German and Italian)
Languages (German and Mandarin)
Languages (German and Spanish)
Languages (Italian and French)
Languages (Italian and German)
Languages (Italian and Mandarin)
Languages (Italian and Spanish)
Languages (Mandarin and French)
Languages (Mandarin and German)
Languages (Mandarin and Italian)
Languages (Mandarin and Spanish)
Languages (Spanish and French)
Languages (Spanish and German)
Languages (Spanish and Italian)
Languages (Spanish and Mandarin)
Modern Studies
Physics with Science
Physical Education
Psychology
Religious Education
Bachelor of Science in Curricular Studies

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

Admission

1. Applicants shall possess:

    i. an HND in the relevant cognate subject area or equivalent; and
    ii. Literacy and English at SCQF Level 6 or its equivalent before starting year 4; and
    iii. Mathematics at SCQF Level 5 or its equivalent before starting year 4; and
    iv. where English is not the first language, students shall have an approved standard of performance in a recognised test in English as a foreign language.

2. Applicants are normally required to submit to an interview.

Mode of Study

3. The programme is available by full-time study only.

Place of Study

4. The first two years of study are spent at a College of Further Education or equivalent.

5. The programmes involve placements in schools and other establishments for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

6. **First Year** - Study undertaken at a College of Further Education or equivalent.

7. **Second Year** - Study undertaken at a College of Further Education or equivalent.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7339	Academic Literacy and Communication 1	3	20
X7345	Professionalism and Teacher Identity 1	3	20
X7340	Academic Literacy and Communication 2	3	20
X7346	Professionalism and Teacher Identity 2	3	20
And either			
X7341	Curricular Studies 1: Home Economics	3	20
And			
X7342	Curricular Studies 2: Home Economics	3	20
Or			
X7343	Curricular Studies 1: Technological Education	3	20
And			

X7344	Curricular Studies 2: Technological Education	3	20
Or			
X2338	Curricular Studies 1: Computing Science	3	20
And			
X2339	Curricular Studies 2: Computing Science	3	20
Or			
X73XX	Curricular Studies 1: Art and Design	3	20
And			
X73XX	Curricular Studies 2: Art and Design	3	20
Or			
X73XX	Curricular Studies 1: Biology with Science	3	20
And			
X73XX	Curricular Studies 2: Biology with Science	3	20
Or			
X73XX	Curricular Studies 1: Business Education	3	20
And			
X73XX	Curricular Studies 2: Business Education	3	20
Or			
X73XX	Curricular Studies 1: Chemistry with Science	3	20
And			
X73XX	Curricular Studies 2: Chemistry with Science	3	20
Or			
X73XX	Curricular Studies 1: English	3	20
And			
X73XX	Curricular Studies 2: English	3	20
Or			
X73XX	Curricular Studies 1: Gaelic	3	20
And			

X73XX	Curricular Studies 2: Gaelic	3	20
Or			
X73XX	Curricular Studies 1: Geography	3	20
And			
X73XX	Curricular Studies 2: Geography	3	20
Or			
X73XX	Curricular Studies 1: History	3	20
And			
X73XX	Curricular Studies 2: History	3	20
Or			
X73XX	Curricular Studies 1: Mathematics	3	20
And			
X73XX	Curricular Studies 2: Mathematics	3	20
Or			
X73XX	Curricular Studies 1: Languages (French)	3	20
And			
X73XX	Curricular Studies 2: Languages (French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (German)	3	20
And			
X73XX	Curricular Studies 2: Languages (German)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Italian)	3	20
And			
X73XX	Curricular Studies 2: Languages (Italian)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Mandarin)	3	20
And			

X73XX	Curricular Studies 2: Languages (Mandarin)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Spanish)	3	20
And			
X73XX	Curricular Studies 2: Languages (Spanish)	3	20
Or			
X73XX	Curricular Studies 1: Languages (French and German)	3	20
And			
X73XX	Curricular Studies 2: Languages (French and German)	3	20
Or			
X73XX	Curricular Studies 1: Languages (French and Italian)	3	20
And			
X73XX	Curricular Studies 2: Languages (French and Italian)	3	20
Or			
X73XX	Curricular Studies 1: Languages (French and Mandarin)	3	20
And			
X73XX	Curricular Studies 2: Languages (French and Mandarin)	3	20
Or			
X73XX	Curricular Studies 1: Languages (French and Spanish)	3	20
And			
X73XX	Curricular Studies 2: Languages (French and Spanish)	3	20
Or			
X73XX	Curricular Studies 1: Languages (German and French)	3	20
And			
X73XX	Curricular Studies 2: Languages (German and French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (German and Italian)	3	20
And			

X73XX	Curricular Studies 2: Languages (German and Italian)	3	20
Or			
X73XX	Curricular Studies 1: Languages (German and Mandarin	3	20
And			
X73XX	Curricular Studies 2: Languages (German and Mandarin)	3	20
Or			
X73XX	Curricular Studies 1: Languages (German and Spanish)	3	20
And			
X73XX	Curricular Studies 2: Languages (German and Spanish)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Italian and French)	3	20
And			
X73XX	Curricular Studies 2: Languages (Italian and French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Italian and German)	3	20
And			
X73XX	Curricular Studies 2: Languages (Italian and German)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Italian and Mandarin)	3	20
And			
X73XX	Curricular Studies 2: Languages (Italian and Mandarin)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Italian and Spanish)	3	20
And			
X73XX	Curricular Studies 1: Languages (Italian and French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Mandarin and French)	3	20
And			

X73XX	Curricular Studies 2: Languages (Mandarin and French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Mandarin and German)	3	20
And			
X73XX	Curricular Studies 2: Languages (Mandarin and German)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Mandarin and Italian)	3	20
And			
X73XX	Curricular Studies 2: Languages (Mandarin and Italian)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Mandarin and Spanish)	3	20
And			
X73XX	Curricular Studies 2: Languages (Mandarin and Spanish)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Spanish and French)	3	20
And			
X73XX	Curricular Studies 2: Languages (Spanish and French)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Spanish and German)	3	20
And			
X73XX	Curricular Studies 2: Languages (Spanish and German)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Spanish and Italian)	3	20
And			
X73XX	Curricular Studies 2: Languages (Spanish and Italian)	3	20
Or			
X73XX	Curricular Studies 1: Languages (Spanish and Mandarin)	3	20
And			

X73XX	Curricular Studies 2: Languages (Spanish and Mandarin)	3	20
Or			
X73XX	Curricular Studies 1: Modern Studies	3	20
And			
X73XX	Curricular Studies 2: Modern Studies	3	20
Or			
X73XX	Curricular Studies 1: Physics with Science	3	20
And			
X73XX	Curricular Studies 2; Physics with Science	3	20
Or			
X73XX	Curricular Studies 1: Physical Education	3	20
And			
X73XX	Curricular Studies 2: Physical Education	3	20
Or			
X73XX	Curricular Studies 1: Psychology	3	20
And			
X73XX	Curricular Studies 2: Psychology	3	20
Or			
X73XX	Curricular Studies 1: Religious Education	3	20
And			
X73XX	Curricular Studies 2: Religious Education	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Education Studies: Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7460	Professional Skills: Professional Practice 1	4	40

And either			
X7458	Professional Skills: Curriculum and Pedagogy Home Economics 1	4	40
Or			
X7456	Professional Skills: Curriculum and Pedagogy Technological Education 1	4	40
Or			
X7466	Professional Skills: Curriculum and Pedagogy Computing 1	4	40
Or			
X7462	Professional Skills: Curriculum and Pedagogy Art and Design 1	4	40
Or			
X7463	Professional Skills: Curriculum and Pedagogy Biology with Science 1	4	40
Or			
X7464	Professional Skills: Curriculum and Pedagogy Business Education 1	4	40
Or			
X7465	Professional Skills: Curriculum and Pedagogy Chemistry 1	4	40
Or			
X7467	Professional Skills: Curriculum and Pegagogy English 1	4	40
Or			
X7472	Professional Skills: Curriculum and Pedagogy Gaelic 1	4	40
Or			
X7473	Professional Skills: Curriculum and Pedagogy Geography 1	4	40
Or			
X7478	Professional Skills: Curriculum and Pedagogy History 1	4	40
Or			
X7461	Professional Skills: Curriculum and Pedagogy Mathematics 1	4	40
Or			
X7468	Professional Skills: Curriculum and Pedagogy French 1	4	40
Or			
X7474	Professional Skills: Curriculum and Pedagogy German 1	4	40

Or			
X7479	Professional Skills: Curriculum and Pedagogy Italian 1	4	40
Or			
X7483	Professional Skills: Curriculum and Pedagogy Mandarin 1	4	40
Or			
X7490	Professional Skills: Curriculum and Pedagogy Spanish 1	4	40
Or			
X7469	Professional Skills: Curriculum and Pedagogy French and German 1	4	40
Or			
X7470	Professional Skills: Curriculum and Pedagogy French and Italian 1	4	40
Or			
X2420	Professional Skills: Curriculum and Pedagogy French and Mandarin 1	4	40
Or			
X7471	Professional Skills: Curriculum and Pedagogy French and Spanish 1	4	40
Or			
X7475	Professional Skills: Curriculum and Pedagogy German and French 1	4	40
Or			
X7476	Professional Skills: Curriculum and Pedagogy German and Italian 1	4	40
Or			
X2421	Professional Skills: Curriculum and Pedagogy German and Mandarin 1	4	40
Or			
X7477	Professional Skills: Curriculum and Pedagogy German and Spanish 1	4	40
Or			
X7480	Professional Skills: Curriculum and Pedagogy Italian and French 1	4	40
Or			
X7481	Professional Skills: Curriculum and Pedagogy Italian and German 1	4	40
Or			
X2419	Professional Skills: Curriculum and Pedagogy Italian and Mandarin 1	4	40

Or			
X7482	Professional Skills: Curriculum and Pedagogy Italian and Spanish 1	4	40
Or			
X2409	Professional Skills: Curriculum and Pedagogy Mandarin and French 1	4	40
Or			
X2408	Professional Skills: Curriculum and Pedagogy Mandarin and German 1	4	40
Or			
X2422	Professional Skills: Curriculum and Pedagogy Mandarin and Italian 1	4	40
Or			
X2414	Professional Skills: Curriculum and Pedagogy Mandarin and Spanish 1	4	40
Or			
X7491	Professional Skills: Curriculum and Pedagogy Spanish and French 1	4	40
Or			
X7492	Professional Skills: Curriculum and Pedagogy Spanish and German 1	4	40
Or			
X7493	Professional Skills: Curriculum and Pedagogy Spanish and Italian 1	4	40
Or			
X2415	Professional Skills: Curriculum and Pedagogy Spanish and Mandarin 1	4	40
Or			
X7484	Professional Skills: Curriculum and Pedagogy Modern Studies 1	4	40
Or			
X7487	Professional Skills: Curriculum and Pedagogy Physics 1	4	40
Or			
X7486	Professional Skills: Curriculum and Pedagogy Physical Education 1	4	40
Or			
X7488	Professional Skills: Curriculum and Pedagogy Psychology 1	4	40
Or			
X7489	Professional Skills: Curriculum and Pedagogy RME 1	4	40

Progress

10. To progress to the fourth year of the programme, see the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

11. **Bachelor of Science with Honours in Education and Curricular Studies**: In order to qualify for the award of the degree of BSc Hons in Education and Curricular Studies with Teaching Qualification in * (named subject), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. A candidate must have accumulated no fewer than 240 credits from the programme curriculum including those from modules in the named subject.

12. **Bachelor of Science in Curricular Studies**: In order to qualify for the award of the degree of BSc in Curricular Studies, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

EDUCATION AND TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Bachelor of Arts with Honours in Education and Teaching English to Speakers of Other Languages (TESOL)

Bachelor of Arts in Education and Teaching English to Speakers of Other Languages (TESOL)

Diploma of Higher Education in Education and Teaching English to Speakers of Other Languages (TESOL)

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

Admission

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. Admission to the programme shall normally be to applicants who hold appropriate qualifications that would allow entry into the Second Year.

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.

Credit Transfer and Recognition of Prior Learning

3. Students with appropriate qualifications may be admitted with advanced standing equivalent to 120 credits directly into the second year.

Mode of Study

4. The programme is available by full-time study only.

Place of Study

5. The programme includes time undertaken in experiential learning settings including schools for which students shall require a valid Protecting Vulnerable Groups (PVG) Scheme membership from Disclosure Scotland and a Certificate of Good Conduct from their own country.

Curriculum

6. **First Year** - First Year is not a taught part of the programme.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7211	Education and Learning	2	20

X7210	Culture Society Formation	2	20
X7209	TESOL 1: An Introduction	2	20
X7207	Digital Technology in Language Education	2	20
X7208	Developing Language and Communication Skills	2	20
X9173	Placement and Curriculum*	2	20
OR			
X7325	Placement Learning: International Perspectives*	3	20

* Students who have already undertaken X9173 Placement and Curriculum will be required to take X7325 Placement Learning: International Perspectives.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7352	Designing Educational Research	3	20
X7353	Adult Education with Placement	3	20
X7310	Children and Childhood	3	20
X7348	TESOL 2: Methods, Approaches and Techniques in Language Teaching	3	20
X7347	Language Awareness: Knowledge about Language	3	20
X7349	Placement Learning: Community	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7499	Research Methods for TESOL	4	20
X7432	Dissertation	4	20
X7494	Critical Issues in Education	4	20
X7449	Educational Representations in Film and Literature	4	20

X7454	TESOL 3: Current Issues in Language Education	4	20
X7455	Placement Learning: Secondary School	4	20

Progress

10. To progress to the third year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in X9173: Placement and Curriculum.

11. To progress to the fourth year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in X7349: Placement Learning: Community.

Award

12. **Bachelor of Art with Honours in Education and TESOL:** In order to qualify for the award of the degree of BA with Honours in Education and TESOL, in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in X7455 Placement Learning: Secondary School.

13. **Bachelor of Art in Education and TESOL:** In order to qualify for the award of the degree of BA in Education and TESOL, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education in Education and TESOL:** In order to qualify for the award of the degree of Diploma of Higher Education in Education and TESOL, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

LEADING LEARNING & TRANSFORMATIVE PRACTICE IN COLLEGES (WITH TQFE)

Graduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE).

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

Admission

1. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, applicants for the programme must satisfy the Scottish Government's minimum requirements for entry to an approved Teaching Qualification in Further Education (including access to a suitable work-based setting to undertake 120 hours of teaching practice).

Duration of Study

2. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, the programme can be undertaken on a minimum duration of 9 months, maximum 24 months (standard route), or minimum 21 months, maximum 36 months (extended route).

Place of Study

3. The programme is delivered online.

Mode of Study

4. The programme is delivered by part-time study only.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X2302	Leading Learning in Colleges (level 9)	3	20
X2303	Transforming Practice through Enquiry (level 9)	3	20
X2304	Achieving Professional Standards (level 9)	3	20

Examination, Progress and Final Assessment

6. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

7. **Certificate**: In order to qualify for the award of the Graduate Certificate in Leading Learning & Transformative Practice in Colleges (with TQFE) a student must have accumulated no fewer than 60 credits from the taught modules of the programme.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUE OF EDUCATION

PROFESSIONAL GRADUATE DIPLOMA IN EDUCATION (PGDE)

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

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

Admission

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, applicants must possess entry qualifications which meet the requirements of the GTCS Memorandum on Entry Requirements to Programmes of Initial Teacher Education in Scotland 2013.

2. An applicant possessing a qualification deemed appropriate by Senate may undertake elements of the programme in the Gaelic Medium.

3. Applicants will register for either the Professional Graduate Diploma in Education (Primary) or the Professional Graduate Diploma in Education (Secondary in a named subject/s).

4. Applicants are normally required to submit to an interview.

Duration of Study

5. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

6. The programme (secondary) is available by full-time and part-time study. The programme (primary) is available by full-time study only.

Place of Study

7. The programmes involve placements in schools and other establishments for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

8. The Professional Graduate Diplomas in Education have a common overall structure where award of qualifications depends upon the pursuance of a named specialisation. Semester 1 study is a pre-requisite of semester 2 study. Elements of the programme may be undertaken in the Gaelic Medium.

9. A maximum of 80 credits can be submitted at Level 5 for their curriculum towards their award of PGDE. Suitably qualified secondary students may undertake Professional Skills; Curriculum and Pedagogy in one additional subject from an approved list of dual subject combinations and gain a further 40 credits at Level 4. Such students will, therefore, undertake 160 credits on their curriculum.

Primary Specialism

All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies; Professional Values 1	4	20
Or			
X9573	Educational Studies; Professional Values 2	5	20
Together with			
X7459	Professional Learning Through Enquiry 1	4	20
Or			
X9574	Professional Learning Through Enquiry 2	5	20
And			
X7495	Professional Skills: Curriculum and Pedagogy 1	4	40
Or			
X9592	Professional Skills: Curriculum and Pedagogy 2	5	40
And			
X7460	Professional Skills: Professional Practice 1	4	40

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X3480	Educational Studies; Professional Values (Gaelic Medium) 1	4	20
Or			
X3584	Educational Studies; Professional Values (Gaelic Medium) 2	5	20
Together with			
X3478	Professional Learning Through Enquiry (Gaelic Medium) 1	4	20
Or			

X3582	Professional Learning Through Enquiry (Gaelic Medium) 2	5	20
And			
X3585	Professional Skills: Curriculum and Pedagogy (Gaelic Medium) 1	4	40
Or			
X3586	Professional Skills: Curriculum and Pedagogy (Gaelic Medium) 2	5	40
And			
X3479	Professional Skills: Professional Practice (Gaelic Medium) 1	4	40

Secondary Specialism
All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Education Studies; Professional Values 1	4	20
Or			
X9573	Education Studies; Professional Values 2	5	20
Together with			
X9574	Professional Learning Through Enquiry 1	4	20
Or			
X9574	Professional Learning Through Enquiry 2	5	20
And			
X7460	Professional Skills: Professional Practice 1	4	40
Together with modules in the chosen subject specialisation listed below.			

Art & Design

Module Code	Module Title	Level	Credits
X7462	Professional Skills: Curriculum and Pedagogy Art & Design 1	4	40
Or			
X9583	Professional Skills: Curriculum and Pedagogy Art & Design 2	5	40

Biology with Science

Module Code	Module Title	Level	Credits
X7463	Professional Skills: Curriculum and Pedagogy Biology with Science 1	4	40
Or			
X9584	Professional Skills: Curriculum and Pedagogy Biology with Science 2	5	40

Business Education

Module Code	Module Title	Level	Credits
X7464	Professional Skills: Curriculum and Pedagogy Business Education 1	4	40
Or			
X9585	Professional Skills: Curriculum and Pedagogy Business Education 2	5	40

Chemistry with Science

Module Code	Module Title	Level	Credits
X7465	Professional Skills: Curriculum and Pedagogy Chemistry with Science	4	40
Or			
X9586	Professional Skills: Curriculum and Pedagogy Chemistry with Science	5	40

Computing

Module Code	Module Title	Level	Credits
X7466	Professional Skills: Curriculum and Pedagogy Computing Science 1	4	40
Or			
X9587	Professional Skills: Curriculum and Pedagogy Computing Science 2	5	40

English

Module Code	Module Title	Level	Credits
X7467	Professional Skills: Curriculum and Pedagogy English 1	4	40
Or			

X9588	Professional Skills: Curriculum and Pedagogy English 2	5	40

Gaelic

Module Code	Module Title	Level	Credits
X7472	Professional Skills: Curriculum and Pedagogy Gaelic 1	4	40
Or			
X3581	Professional Skills: Curriculum and Pedagogy Gaelic 2	5	40

Geography

Module Code	Module Title	Level	Credits
X7473	Professional Skills: Curriculum and Pedagogy Geography 1	4	40
Or			
X9577	Professional Skills: Curriculum and Pedagogy Geography 2	5	40

History

Module Code	Module Title	Level	Credits
X7478	Professional Skills: Curriculum and Pedagogy History 1	4	40
Or			
X9582	Professional Skills: Curriculum and Pedagogy History 2	5	40

Home Economics

Module Code	Module Title	Level	Credits
X7458	Professional Skills: Curriculum and Pedagogy Home Economics 1	4	40
Or			
X9582	Professional Skills: Curriculum and Pedagogy Home Economics 2	5	40

Mathematics

Module Code	Module Title	Level	Credits
X7461	Professional Skills: Curriculum and Pedagogy Mathematics 1	4	40
Or			
X3564	Professional Skills: Curriculum and Pedagogy Mathematics 2	5	40

Languages (French)

Module Code	Module Title	Level	Credits
X7468	Professional Skills: Curriculum and Pedagogy French 1	4	40
Or			
X9576	Professional Skills: Curriculum and Pedagogy French 2	5	40

Languages (German)

Module Code	Module Title	Level	Credits
X7474	Professional Skills: Curriculum and Pedagogy German 1	4	40
Or			
X9581	Professional Skills: Curriculum and Pedagogy German 2	5	40

Languages (Italian)

Module Code	Module Title	Level	Credits
X7479	Professional Skills: Curriculum and Pedagogy Italian 1	4	40
Or			
X3580	Professional Skills: Curriculum and Pedagogy Italian 2	5	40

Languages (Mandarin)

Module Code	Module Title	Level	Credits
X7483	Professional Skills: Curriculum and Pedagogy Mandarin 1	4	40
Or			
X3563	Professional Skills: Curriculum and Pedagogy Mandarin 2	5	40

Languages (Spanish)

Module Code	Module Title	Level	Credits
X7490	Professional Skills: Curriculum and Pedagogy Spanish 1	4	40
Or			
X3574	Professional Skills: Curriculum and Pedagogy Spanish 2	5	40

Languages (French and German)

Module Code	Module Title	Level	Credits
X7469	Professional Skills: Curriculum and Pedagogy French and German 1	4	40

Or			
X9589	Professional Skills: Curriculum and Pedagogy French and German 2	5	40

Languages (French and Italian)

Module Code	Module Title	Level	Credits
X7470	Professional Skills: Curriculum and Pedagogy French and Italian	4	40
Or			
X9590	Professional Skills: Curriculum and Pedagogy French and Italian	5	40

Languages (French and Mandarin)

Module Code	Module Title	Level	Credits
X2420	Professional Skills: Curriculum and Pedagogy French and Mandarin 1	4	40
Or			
X2509	Professional Skills: Curriculum and Pedagogy French and Mandarin 2	5	40

Languages (French and Spanish)

Module Code	Module Title	Level	Credits
X7470	Professional Skills: Curriculum and Pedagogy French and Spanish 1	4	40
Or			
X9591	Professional Skills: Curriculum and Pedagogy French and Spanish 2	5	40

Languages (German and French)

Module Code	Module Title	Level	Credits
X7475	Professional Skills: Curriculum and Pedagogy German and French 1	4	40
Or			
X9578	Professional Skills: Curriculum and Pedagogy German and French 2	5	40

Languages (German and Italian)

Module Code	Module Title	Level	Credits
X7476	Professional Skills: Curriculum and Pedagogy German and Italian 1	4	40
Or			
X9579	Professional Skills: Curriculum and Pedagogy German and Italian 2	5	40

Languages (German and Mandarin)

Module Code	Module Title	Level	Credits
X2421	Professional Skills: Curriculum and Pedagogy German and Mandarin 1	4	40
Or			
X2511	Professional Skills: Curriculum and Pedagogy German and Mandarin 2	5	40

Languages (German and Spanish)

Module Code	Module Title	Level	Credits
X7477	Professional Skills: Curriculum and Pedagogy German and Spanish 1	4	40
Or			
X9580	Professional Skills: Curriculum and Pedagogy German and Spanish 2	5	40

Languages (Italian and French)

Module Code	Module Title	Level	Credits
X7480	Professional Skills: Curriculum and Pedagogy Italian and French 1	4	40
Or			
X3577	Professional Skills: Curriculum and Pedagogy Italian and French 2	5	40

Languages (Italian and German)

Module Code	Module Title	Level	Credits
X7481	Professional Skills: Curriculum and Pedagogy Italian and German 1	4	40
Or			
X3578	Professional Skills: Curriculum and Pedagogy Italian and German 2	5	40

Languages (Italian and Mandarin)

Module Code	Module Title	Level	Credits
X2419	Professional Skills: Curriculum and Pedagogy Italian and Mandarin 1	4	40
Or			
X2510	Professional Skills: Curriculum and Pedagogy Italian and Mandarin 2	5	40

Languages (Italian and Spanish)

Module Code	Module Title	Level	Credits

X7482	Professional Skills: Curriculum and Pedagogy Italian and Spanish	4	40
Or			
X3579	Professional Skills: Curriculum and Pedagogy Italian and Spanish	5	40

Languages (Mandarin and French)

Module Code	Module Title	Level	Credits
X2409	Professional Skills: Curriculum and Pedagogy Mandarin and French 1	4	40
Or			
X2504	Professional Skills: Curriculum and Pedagogy Mandarin and French 2	5	40

Languages (Mandarin and German)

Module Code	Module Title	Level	Credits
X2408	Professional Skills: Curriculum and Pedagogy Mandarin and German 1	4	40
Or			
X2503	Professional Skills: Curriculum and Pedagogy Mandarin and German 2	5	40

Languages (Mandarin and Italian)

Module Code	Module Title	Level	Credits
X2422	Professional Skills: Curriculum and Pedagogy Mandarin and Italian 1	4	40
Or			
X2517	Professional Skills: Curriculum and Pedagogy Mandarin and Italian 2	5	40

Languages (Mandarin and Spanish)

Module Code	Module Title	Level	Credits
X2414	Professional Skills: Curriculum and Pedagogy Mandarin and Spanish 1	4	40
Or			
X2508	Professional Skills: Curriculum and Pedagogy Mandarin and Spanish 2	5	40

Languages (Spanish and French)

Module Code	Module Title	Level	Credits
X7491	Professional Skills: Curriculum and Pedagogy Spanish and French 1	4	40
Or			

X3571	Professional Skills: Curriculum and Pedagogy Spanish and French	5	40

Languages (Spanish and German)

Module Code	Module Title	Level	Credits
X7492	Professional Skills: Curriculum and Pedagogy Spanish and German 1	4	40
Or			
X3572	Professional Skills: Curriculum and Pedagogy Spanish and German	5	40

Languages (Spanish and Italian)

Module Code	Module Title	Level	Credits
X7493	Professional Skills: Curriculum and Pedagogy Spanish and Italian 1	4	40
Or			
X3573	Professional Skills: Curriculum and Pedagogy Spanish and Italian 2	5	40

Languages (Spanish and Mandarin)

Module Code	Module Title	Level	Credits
X2415	Professional Skills: Curriculum and Pedagogy Spanish and Mandarin 1	4	40
Or			
X2505	Professional Skills: Curriculum and Pedagogy Spanish and Mandarin 2	5	40

Modern Studies

Module Code	Module Title	Level	Credits
X7484	Professional Skills: Curriculum and Pedagogy Modern Studies 1	4	40
Or			
X3565	Professional Skills: Curriculum and Pedagogy Modern Studies 2	5	40

Physics with Science

Module Code	Module Title	Level	Credits
X7487	Professional Skills: Curriculum and Pedagogy Physics with Science 1	4	40
Or			
X3568	Professional Skills: Curriculum and Pedagogy Physics with Science 2	5	40

Physical Education

Module Code	Module Title	Level	Credits
X7486	Professional Skills: Curriculum and Pedagogy Physical Education 1	4	40
Or			
X3567	Professional Skills: Curriculum and Pedagogy Physical Education 2	5	40

Psychology

Module Code	Module Title	Level	Credits
X7488	Professional Skills: Curriculum and Pedagogy Psychology 1	4	40
Or			
X3569	Professional Skills: Curriculum and Pedagogy Psychology 2	5	40

Religious Education

Module Code	Module Title	Level	Credits
X7489	Professional Skills: Curriculum and Pedagogy RME 1	4	40
Or			
X3570	Professional Skills: Curriculum and Pedagogy RME 2	5	40

Technological Education

Module Code	Module Title	Level	Credits
X7456	Professional Skills: Curriculum and Pedagogy Technological Education 1	4	40
Or			
X3575	Professional Skills: Curriculum and Pedagogy Technological Education 2	5	40

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X3480	Educational Studies; Professional Values 1 (Gaelic Medium)	4	20
Or			
X3584	Educational Studies; Professional Values 2 (Gaelic Medium)	5	20
Together with			

X3478	Professional Knowledge Through Enquiry 1 (Gaelic Medium)	4	20
Or			
X3582	Professional Knowledge Through Enquiry 2 (Gaelic Medium)	5	20
And			
X3479	Professional Skills: Professional Practice 1 (Gaelic Medium)	4	40
Or			
X3583	Professional Skills: Professional Practice 2 (Gaelic Medium)	5	40
Together with modules in the chosen subject specialisation listed below.			

Art & Design (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3488	Professional Skills: Curriculum and Pedagogy Art and Design 1 (Gaelic Medium)	4	40
Or			
X3587	Professional Skills: Curriculum and Pedagogy Art and Design 2 (Gaelic Medium)	5	40

Biology with Science (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3495	Professional Skills: Curriculum and Pedagogy Biology with Science 1 (Gaelic Medium)	4	40
Or			
X3588	Professional Skills: Curriculum and Pedagogy Biology with Science 2(Gaelic Medium)	5	40

Business Education (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3482	Professional Skills: Curriculum and Pedagogy Business Education 1 (Gaelic Medium)	4	40
Or			
X3589	Professional Skills: Curriculum and Pedagogy Business Education 2 (Gaelic Medium)	5	40

Chemistry with Science (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3489	Professional Skills: Curriculum and Pedagogy Chemistry with Science 1 (Gaelic Medium)	4	40
Or			

X3590	Professional Skills: Curriculum and Pedagogy Chemistry with Science 2 (Gaelic Medium)	5	40

Computing (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3496	Professional Skills: Curriculum and Pedagogy Computing Science 1 (Gaelic Medium)	4	40
Or			
X3591	Professional Skills: Curriculum and Pedagogy Computing Science 2 (Gaelic Medium)	5	40

Geography (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3498	Professional Skills: Curriculum and Pedagogy Geography 1 (Gaelic Medium)	4	40
Or			
X3598	Professional Skills: Curriculum and Pedagogy Geography 2 (Gaelic Medium)	5	40

History (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3493	Professional Skills: Curriculum and Pedagogy History 1 (Gaelic Medium)	4	40
Or			
X3703	Professional Skills: Curriculum and Pedagogy History 2 (Gaelic Medium)	5	40

Home Economics (Gaelic Medium)

Module Code	Module Title	Level	Credits
X7498	Professional Skills: Curriculum and Pedagogy Home Economics 1 (Gaelic Medium)	4	40
Or			
X3704	Professional Skills: Curriculum and Pedagogy Home Economics 2 (Gaelic Medium)	5	40

Mathematics (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3611	Professional Skills: Curriculum and Pedagogy Mathematics 1 (Gaelic Medium)	4	40
Or			
X3710	Professional Skills: Curriculum and Pedagogy Mathematics 2 (Gaelic Medium)	5	40

Languages (French) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3491	Professional Skills: Curriculum and Pedagogy French 1 (Gaelic Medium)	4	40
Or			
X3593	Professional Skills: Curriculum and Pedagogy French 2 (Gaelic Medium)	5	40

Languages (German) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3486	Professional Skills: Curriculum and Pedagogy German 1 (Gaelic Medium)	4	40
Or			
X3599	Professional Skills: Curriculum and Pedagogy German 2 (Gaelic Medium)	5	40

Languages (Italian) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3609	Professional Skills: Curriculum and Pedagogy Italian 1 (Gaelic Medium)	4	40
Or			
X3705	Professional Skills: Curriculum and Pedagogy Italian 2 (Gaelic Medium)	5	40

Languages (Mandarin) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3610	Professional Skills: Curriculum and Pedagogy Mandarin 1 (Gaelic Medium)	4	40
Or			
X3709	Professional Skills: Curriculum and Pedagogy Mandarin 2 (Gaelic Medium)	5	40

Languages (Spanish) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3607	Professional Skills: Curriculum and Pedagogy Spanish 1 (Gaelic Medium)	4	40
Or			
X3717	Professional Skills: Curriculum and Pedagogy Spanish 2 (Gaelic Medium)	5	40

Languages (French and German) (Gaelic Medium)

Module Code	Module Title	Level	Credits

X3490	Professional Skills: Curriculum and Pedagogy French and German 1 (Gaelic Medium)	4	40
Or			
X3594	Professional Skills: Curriculum and Pedagogy French and German 2 (Gaelic Medium)	5	40

Languages (French and Italian) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3497	Professional Skills: Curriculum and Pedagogy French and Italian 1 (Gaelic Medium)	4	40
Or			
X3595	Professional Skills: Curriculum and Pedagogy French and Italian 2 (Gaelic Medium)	5	40

Languages (French and Mandarin) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2418	Professional Skills: Curriculum and Pedagogy French and Mandarin 1 (Gaelic Medium)	4	40
Or			
X2506	Professional Skills: Curriculum and Pedagogy French and Mandarin 2 (Gaelic Medium)	5	40

Languages (French and Spanish) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3484	Professional Skills: Curriculum and Pedagogy French and Spanish 1 (Gaelic Medium)	4	40
Or			
X3596	Professional Skills: Curriculum and Pedagogy French and Spanish 2 (Gaelic Medium)	5	40

Languages (German and French) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3485	Professional Skills: Curriculum and Pedagogy German and French 1 (Gaelic Medium)	4	40
Or			
X3700	Professional Skills: Curriculum and Pedagogy German and French 2 (Gaelic Medium)	5	40

Languages (German and Italian) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3492	Professional Skills: Curriculum and Pedagogy German and Italian 1 (Gaelic Medium)	4	40
Or			

X3701	Professional Skills: Curriculum and Pedagogy German and Italian 2 (Gaelic Medium)	5	40

Languages (German and Mandarin) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2417	Professional Skills: Curriculum and Pedagogy German and Mandarin 1 (Gaelic Medium)	4	40
Or			
X2516	Professional Skills: Curriculum and Pedagogy German and Mandarin 2 (Gaelic Medium)	5	40

Languages (German and Spanish) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3499	Professional Skills: Curriculum and Pedagogy German and Spanish 1 (Gaelic Medium)	4	40
Or			
X3702	Professional Skills: Curriculum and Pedagogy German and Spanish 2 (Gaelic Medium)	5	40

Languages (Italian and French) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3487	Professional Skills: Curriculum and Pedagogy Italian and French 1 (Gaelic Medium)	4	40
Or			
X3706	Professional Skills: Curriculum and Pedagogy Italian and French 2 (Gaelic Medium)	5	40

Languages (Italian and German) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3494	Professional Skills: Curriculum and Pedagogy Italian and German 1 (Gaelic Medium)	4	40
Or			
X3707	Professional Skills: Curriculum and Pedagogy Italian and German 2 (Gaelic Medium)	5	40

Languages (Italian and Mandarin) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2411	Professional Skills: Curriculum and Pedagogy Italian and Mandarin 1 (Gaelic Medium)	4	40
Or			
X2507	Professional Skills: Curriculum and Pedagogy Italian and Mandarin 2 (Gaelic Medium)	5	40

Languages (Italian and Spanish) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3481	Professional Skills: Curriculum and Pedagogy Italian and Spanish 1 (Gaelic Medium)	4	40
Or			
X3708	Professional Skills: Curriculum and Pedagogy Italian and Spanish 2 (Gaelic Medium)	5	40

Languages (Mandarin and French) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2412	Professional Skills: Curriculum and Pedagogy Mandarin and French 1 (Gaelic Medium)	4	40
Or			
X2515	Professional Skills: Curriculum and Pedagogy Mandarin and French 2 (Gaelic Medium)	5	40

Languages (Mandarin and German) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2413	Professional Skills: Curriculum and Pedagogy Mandarin and German 1 (Gaelic Medium)	4	40
Or			
X2514	Professional Skills: Curriculum and Pedagogy Mandarin and German 2 (Gaelic Medium)	5	40

Languages (Mandarin and Italian) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2423	Professional Skills: Curriculum and Pedagogy Mandarin and Italian 1 (Gaelic Medium)	4	40
Or			
X2518	Professional Skills: Curriculum and Pedagogy Mandarin and Italian 2 (Gaelic Medium)	5	40

Languages (Mandarin and Spanish) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2416	Professional Skills: Curriculum and Pedagogy Mandarin and Spanish 1 (Gaelic Medium)	4	40
Or			
X2513	Professional Skills: Curriculum and Pedagogy Mandarin and Spanish 2 (Gaelic Medium)	5	40

Languages (Spanish and French) (Gaelic Medium)

Module Code	Module Title	Level	Credits

X3615	Professional Skills: Curriculum and Pedagogy Spanish and French 1 (Gaelic Medium)	4	40
Or			
X3718	Professional Skills: Curriculum and Pedagogy Spanish and French 2 (Gaelic Medium)	5	40

Languages (Spanish and German) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3605	Professional Skills: Curriculum and Pedagogy Spanish and German 1 (Gaelic Medium)	4	40
Or			
X3719	Professional Skills: Curriculum and Pedagogy Spanish and German 2 (Gaelic Medium)	5	40

Languages (Spanish and Italian) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3606	Professional Skills: Curriculum and Pedagogy Spanish and Italian (Gaelic Medium)	4	40
Or			
X3720	Professional Skills: Curriculum and Pedagogy Spanish and Italian (Gaelic Medium)	5	40

Languages (Spanish and Mandarin) (Gaelic Medium)

Module Code	Module Title	Level	Credits
X2410	Professional Skills: Curriculum and Pedagogy Spanish and Mandarin 1 (Gaelic Medium)	4	40
Or			
X2512	Professional Skills: Curriculum and Pedagogy Spanish and Mandarin 2 (Gaelic Medium)	5	40

Modern Studies (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3612	Professional Skills: Curriculum and Pedagogy Modern Studies 1 (Gaelic Medium)	4	40
Or			
X3711	Professional Skills: Curriculum and Pedagogy Modern Studies 2 (Gaelic Medium)	5	40

Physics with Science (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3601	Professional Skills: Curriculum and Pedagogy Physics with Science 1 (Gaelic Medium)	4	40
Or			

X3714	Professional Skills: Curriculum and Pedagogy Physics with Science 2 (Gaelic Medium)	5	40

Physical Education (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3614	Professional Skills: Curriculum and Pedagogy Physical Education 1 (Gaelic Medium)	4	40
Or			
X3713	Professional Skills: Curriculum and Pedagogy Physical Education 2 (Gaelic Medium)	5	40

Psychology (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3602	Professional Skills: Curriculum and Pedagogy Psychology 1 (Gaelic Medium)	4	40
Or			
X3715	Professional Skills: Curriculum and Pedagogy Psychology 2 (Gaelic Medium)	5	40

Religious Education (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3603	Professional Skills: Curriculum and Pedagogy RME 1 (Gaelic Medium)	4	40
Or			
X3716	Professional Skills: Curriculum and Pedagogy RME 2 (Gaelic Medium)	5	40

Technological Education (Gaelic Medium)

Module Code	Module Title	Level	Credits
X3608	Professional Skills: Curriculum and Pedagogy Technological Education 1 (Gaelic Medium)	4	40
Or			
X3721	Professional Skills: Curriculum and Pedagogy Technological Education 2 (Gaelic Medium)	5	40

Examination, Progress and Final Assessment

10. There are attendance requirements in all modules throughout the programme. Attendance is monitored by the Programme Leader and any concerns may affect progression on the programme.

11. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has failed to achieve a satisfactory standard in the assessments may be permitted by the Board of Examiners to have one further attempt to obtain a pass in the outstanding assessments no later than the end of the academic year following registration on the programme.

12. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has failed the relevant Professional Skills: Professional Practice module by the end of the session may be permitted one further attempt at the relevant Professional Skills: Professional Practice module, unless all attempts have already been exhausted in any other module by that point.

13. Notwithstanding the provisions of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has performed unsatisfactorily at the first two assessments for a module at Level 5, may be permitted one further attempt at the module at Level 4.

14. The final award for the Professional Graduate Diploma in Education will be based on performance in Placement Experience and coursework.

Award

15. In order to qualify for the award of a Professional Graduate Diploma in Education, a panel of appropriately qualified GTCS registered Institute of Education staff must be satisfied that a candidate has demonstrated that they have met the Standard for Initial Teacher Education as specified by the General Teaching Council for Scotland and the Scottish Government.

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

17. **Professional Graduate Diploma in Education (Secondary in a named subject):** In order to qualify for the award of Professional Graduate Diploma in Education (Secondary in named subject) a candidate must have accumulated no fewer than 120 credits from the programme curriculum including those from modules in the named subject and no fewer than 160 credits in two named subjects (with a maximum of 40 credits at Level 5 in Curriculum and Pedagogy).

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

STRATHCLYDE INSTITUTE OF EDUCATION

PRIMARY EDUCATION

Bachelor of Arts with Honours in Primary Education
Bachelor of Arts with Honours in Primary Education with International Study
Bachelor of Arts in Humanities and Social Sciences
Bachelor of Arts 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

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study.
2. The programme involves placements in schools for which a student must be a member of the Protecting Vulnerable Groups (PVG) Scheme. If they are already a member, they must apply for an update.

3. The 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.

Curriculum
4. **First Year** – All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X2106	Placement Learning: Children's Wellbeing and Development in the Community	1	20
X2123	Education and Society	1	20
X2124	Curriculum through Creativity 1	1	20
X2015	Pedagogy and Professional Practice: Playful approaches in the early years	1	20

Optional Modules

40 credits of paired modules from Regulation 17 (See Humanities and Social Sciences Regulations).

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

Compulsory Modules

Module Code	Module Title	Level	Credits

X2234	Yr 2 Pedagogy and Professional Practice: Children as learners and thinkers	2	20
Xxxxx	Children's Language, Literature and Literacy	2	20
X9297	Numeracy and Mathematics in the Primary School	2	20
X2233	Education, Thinking and Learning	2	20

Optional Modules

40 credits of Level 2 modules from the HaSS UG interdisciplinary list offerings and Education options. The students may choose these credits to follow on from their first year second subject. These modules may include an interdisciplinary elective where appropriate, including participation in a Vertically Integrated Project (VIP) elective, as approved by the Programme Leader.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X2334	Year 3 Pedagogy and Professional Practice: Being a primary teacher	3	40
X7330	Language, Learning and Teaching in the Primary School	3	10
X7332	Science and Technology in the Primary School	3	20
X2335	Curriculum through Creativity 2	3	20
X2336	Education, Wellbeing and Freedom	3	20
X2333	Education, Evidence and Ethics	3	10

Primary Education with International Study

7. 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:

Module Code	Module Title	Level	Credits
Either			
EX106	External Study Semester 1	3	60
And 60 credits listed from Regulation 6			
Or			
EX116	External Study Semester 2	3	60
And 60 credits listed from Regulation 6			
Or			

EX106	External Study Semester 1	3	60
EX116	External Study Semester 2	3	60

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X2435	Year 4 Pedagogy and Professional Practice: Professionalism in action	4	40
Xxxxx	Developing Understandings of Inclusive Literacy and Numeracy	4	20
X7450	Professional Specialisation	4	10
X7451	Protecting and Safeguarding Children: Role of the Primary Teacher	4	10
X7453	Dissertation (Education)	4	40

Assessment

9. For all placement modules where there is input to the assessment process by an external partner, and where partnership assessment judgments are not in agreement, the final assessment decision will be taken by the University of Strathclyde.

Retrieval placement

10. For all placement modules, where a student is entitled to be offered a retrieval placement, this will be offered if there is opportunity for the student to achieve all credits. If a student has exhausted their attempts at passing other modules, and therefore there is no opportunity for them to achieve all credits required of the programme, the student will not be offered a retrieval placement.

Progress

11. In order to progress to the second year of the programme, in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must pass X2106 Placement Learning: Children's wellbeing and development in the community

12. In order to progress to the third year of the programme, in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also pass X2234 Year 2 Pedagogy and Professional Practice: Children as learners and thinkers.

13. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Award

14. **Bachelor of Arts with Honours in Primary Education:** In order to qualify for the award of the BA with Honours in Primary Education, in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must pass X2435 Year 4 Pedagogy and Professional Practice: Professionalism in action; and X7453 Dissertation (Education).

15. **Bachelor of Arts with Honours in Primary Education with International Study**: In order to qualify for the award of the BA with Honours in Primary Education with International Study, in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must pass X2435 Year 4 Pedagogy and Professional Practice: Professionalism in action; X7453 Dissertation (Education) and must include at least one semester at a partner institution abroad.

16. **Bachelor of Arts in Humanities and Social Sciences**: In order to qualify for the award of BA in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Bachelor of Arts in Humanities and Social Sciences with International Study:** In order to qualify for the award of the BA in Humanities and Social Sciences with International Study, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and a student must include a pass in at least one of the external placement modules.

18. **Diploma of Higher Education:** In order to qualify for the award of Diploma of Higher Education in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **Certificate of Higher Education:** In order to qualify for the award of Certificate of Higher Education in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY PROGRAMMES

HUMANITIES AND SOCIAL SCIENCES

Bachelor of Arts with Honours in (Subject(s))
Bachelor of Arts with Honours in (Subject(s)) with International Study
Bachelor of Arts in Humanities and Social Sciences
Bachelor of Arts 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

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

Mode of Study

1. The programmes are available by full-time 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 modules required for full-time study.

Place of Study

2. Certain subjects may require study outwith the University.

3. 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.

Curriculum

4. All full-time first year students shall undertake a curriculum which shall normally amount to 120 credits, normally consisting of 3 combinable subjects.

5. All full-time second year students shall undertake a 120-credit curriculum consisting primarily of two combinable subjects, in each of which they will have gained 40 credits at Level 1. In Level 2, they will normally take 60 credits in one subject + 40 credits in the other subject + 20 credits in an interdisciplinary module chosen from a list of modules approved by the Faculty.

6. All full-time third year students shall undertake a 120-credit curriculum consisting of 60 credits in one subject studied at Level 2 and 40 credits in the other subject studied at Level 2 + 20 credits chosen from a list of interdisciplinary modules approved by the Faculty. Or for subjects that can be Single Honours, they shall undertake at least 100 credits from one subject studied at Level 2 + 20 credits chosen from a list of interdisciplinary modules approved by the Faculty. Third year students undertaking the BPS accredited Single Honours Psychology pathway are required to undertake 120 credits of compulsory modules.

7. Specific criteria and prerequisites may apply to entry to Honours in certain subjects.

8. 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.
iii. BPS accredited Single Honours Psychology degree must have gained 120 Level 3 Psychology credits.

9. The credits for each module 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, modules offered by another University may be taken in place of modules offered by the Faculty of Humanities and Social Sciences.

10. All full-time Honours year students shall undertake modules which amount to 120 credits which meet the specialisation requirements for their subject(s) and shall include a dissertation.

11. Students studying for Single Honours shall undertake 120 credits at Level 4 in one subject.

12. All other students shall undertake a curriculum consisting of:

    Either

    60 credits at Level 4 in each of two subjects, including a dissertation in only one of those subjects (Joint Honours);

    Or

    80 credits in one subject, including a 20 or 40 credit dissertation, and 40 credits in another subject (Major-Minor) all at Level 4.

13. Students studying a Joint Honours curriculum at Level 4 that includes a subject offered by another Faculty will complete their dissertation in the HaSS subject, except in the case of Human Resource Management, Hospitality and Tourism Management and Economics, in which a 20 credit dissertation may be undertaken.

14. Only the following subjects may be studied as a Major component at Level 4: English, English & Creative Writing, History, Politics and International Relations and Psychology.

Subject Requirements

Education
See Regulations 37-40

English
See Regulations 41-45

English and Creative Writing
See Regulations 46-50

History
See Regulations 51-55

Regulations 56-58 no longer in use

Journalism, Media and Communication
See Regulations 59-61

Law
See Regulations 62-64

Modern Languages (French and Spanish)
See Regulations 65-73

Politics and International Relations
See Regulations 74-81

Psychology
See Regulations 82-87

Social Policy
See Regulations 88-90

Economics
See Regulations 91-92

Hospitality and Tourism Management
See Regulation 93-94

Human Resource Management
See Regulation 95-96

Marketing
See Regulation 97-98

Mathematics
See Regulations 99-100

Permissible Combinations of Subjects for Pass and Honours Degrees

15. Subjects are normally available in the following combinations:

Subject Combinations											
Education											
J	English										
J		English & Creative Writing									
J	J	J	French								
J	J	J	J	History							
J	J	J	J	J	Journalism, Media & Communication						
J	J	J	J	J	J	Law					
J	J	J	J	J	J	J	Politics & International Relations				
J	J	J	J	J	J	J	J	Psychology			
J	J	J	J	J	J	J	J	J	Social Policy		
J	J	J	J	J	J	J	J	J	J	Spanish	
J	P	P	J	J	J	J	J	J	J	J	Economics
			J							J	Hospitality & Tourism Management
J	J	J	J	J	J	J	J	J	J	J	Human Resource Management
			J							J	Marketing
							P	J			Mathematics

J Combinations which may be taken for the BA (Joint) Honours and for the BA degree
P Combinations which may not be continued beyond BA degree level

16. Single Honours degrees are available in the following subjects:

English
English and Creative Writing

History
Politics and International Relations
Psychology

17. **First Year** - All full-time students shall undertake 120 credits, normally consisting of three pairs (i.e., 1A+1B) of modules taken from List A. Up to 40 credits of modules 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 module from List A.

List A: Level 1 Modules in the Faculty of Humanities and Social Sciences

Module Code	Module Title	Level	Credits
C8105	Psychology 1A	1	20
C8106	Psychology 1B	1	20
L2107	Politics 1A: Concepts and Processes	1	20
L2108	Politics 1B: Decision Making and Outcomes	1	20
M7103	Legal Processes and Systems	1	20
M7105	Constitutional Law	1	20
P3103	Introduction to Journalism, Media and Communication	1	20
P3104	Introduction to News and Features	1	20
QQ101	Introduction to English and to English and Creative Writing 1	1	20
QQ102	Introduction to English and to English and Creative Writing 2	1	20
R1107	French 1A	1	20
R1108	French 1B	1	20
R1109	Introduction to French 1A	1	20
R1110	Introduction to French 1B	1	20
R3110#	Introduction to Italian 1A	1	20
R3111#	Introduction to Italian 1B	1	20
R4107	Spanish 1A	1	20
R4108	Spanish 1B	1	20
R4109	Introduction to Spanish 1A	1	20
R4110	Introduction to Spanish 1B	1	20
V1102	History 1A	1	20

V1103	History 1B	1	20
X2106	Placement Learning: Children's wellbeing and development in the community	1	20
X9172	Understanding Education in the 21st Century	1	20
L5117	Social Policy & Society in Contemporary Scotland	1	20
L5118	Private Issues & Public Problems	1	20

List B: Level 1 Modules in Other Faculties

Module Code	Module Title	Level	Credits
BF114/ BF115**	Introduction to Economics and Business Analysis and Technology	1	20
BF127/ BF128**	Introduction to Marketing and Entrepreneurship+	1	20
BF112/ BF113**	Introduction to Tourism Studies and Managing People^	1	20

***** Compulsory for students intending to take Mathematics
+ Only available in combination with a Modern Language
^ This module combines HTM and HRM. HTM is only available in combination with a Modern Language
** This module runs twice, first in Semester 1 and second in Semester 2.
# Italian cannot be studied beyond Level 1.

18. **Second Year** - All full-time students shall undertake modules amounting to 120 credits as follows: all students shall take a maximum of 20 credits from a list of interdisciplinary elective modules approved by the Faculty, including where appropriate, participation in a Vertically Integrated Project (VIP) or any other module approved by the Adviser of Studies. In addition, students shall undertake the following in two of the subjects passed at Level 1:

Subject	Level	Credits
First Subject	2	60
Second Subject	2	40

If an interdisciplinary elective module is not taken, then students shall undertake the following in two of the subjects passed at Level 1:

Subject	Level	Credits
First Subject	2	60
Second Subject	2	60

19. **Third Year** - All full-time students shall undertake modules amounting to 120 credits. All students shall take a maximum of 20 credits from a list of interdisciplinary elective modules approved by the Faculty, including where appropriate, participation in a

Vertically Integrated Project (VIP) or any other module approved by the Adviser of Studies.

20. 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++

21. If an interdisciplinary elective module 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++

22. 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.

Subjects at Levels 2 and 3

Subjects offered by the Faculty of Humanities and Social Sciences

Education
See Regulations 37-40

English
See Regulations 41-45

English & Creative Writing
See Regulations 46-50

History
See Regulations 51-55

Regulations 56-58 no longer in use

Journalism, Media and Communication
See Regulations 59-61

Law
See Regulations 62-64

Modern Languages (French and Spanish)
See Regulations 65-73

Politics and International Relations
See Regulations 74-81

Psychology
See Regulations 82-87

Social Policy
See Regulations 88-90

Subjects offered by other Faculties

Economics
See Regulations 91-92

Hospitality and Tourism Management
See Regulation 93-94

Human Resource Management
See Regulation 95-96

Marketing
See Regulation 97-98

Mathematics
See Regulations 99-100

Progress

23. A student who fails a module which is not a compulsory requirement for progression may be permitted to take an appropriate substitute module.

24. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student who has been excluded from the degree examinations in a module in any one year, but has otherwise satisfied the relevant progress regulations, shall normally be required to re-attend the module.

Progress (Full-time Study)

25. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain the credits for both of the Year 1 modules in the two subjects to be studied at Year 2.

26. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

27. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time Study)

28. In any year of study, students must normally pass all modules taken.

29. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules taken in the Honours year and, as appropriate, in the third year.

Award

30. **BA with Honours:** In order to qualify for the award of the BA with Honours in a specified subject or subjects, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

31. **BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in a specified subject or subjects the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include at least one semester at a partner institution abroad.

32. **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 module handbook, in the oral examination may be awarded the Honours degree with Distinction in the Spoken Language.

33. **BA in Humanities and Social Sciences:** In order to qualify for the award of the BA in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

34. **BA with International Study:** In order to qualify for the award of the BA in a specified subject or subjects the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include at least one semester at a partner institution abroad.

35. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

36. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Subjects and Honours Requirements

Specialisation in Education

37. The programme involves placements in schools and community organisations for which a student must be a member of the Protecting Vulnerable Groups (PVG) Scheme. If they are already a member they must apply for an update.

38. Students taking Education as a Subject shall undertake a curriculum in Education as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits

X7210	Culture Society Formation	2	20
X7211	Education and Learning	2	20
X7353	Adult Education with Placement	3	20
X7352	Designing Educational Research	3	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
X2201	Achieving Equity and Equality in STEM: A Vertically Integrated Project	2	20
X2202	Thinking In and About Education	2	20
X7201	Exploring Moral and Ethical Issues in Contemporary Society	2	20
X7212	Protecting Scotland's Children	2	20
X7213	Mathematics Through the Ages: A Historical and Cultural Overview	2	20
X7215	Digital Cultures: Empowering Scotland's Young People Online	2	20
X9268	Exploring Creatives in Practice	2	20
X2204	Learning for Sustainability: Theory and Practice	2	20
X9295	Folk and Fairy Tales: Reuse, Retelling, Resilience	2	20
X9296	Memory, Belief and Misconception	2	20
X7202	Thinking About Technology and Education	2	20
X7310	Children and Childhood	3	20
X7351	Educational Encounters Past and Present	3	20
X2306	Can Culture Educate Us?	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Joint Honours Curriculum in Education and another Subject

39. All students shall undertake a curriculum in Education as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7449	Educational Representations in Film and Literature	4	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
X7426	Independent Study Joint Honours Education	4	10
X2407	Creativity in Education	4	10
X2406	Explorations of Educational Influence	4	10
X2405	Second Language Learning	4	10
X7494	Critical Issues in Education	4	20
Or			
20 credits chosen from the list of optional modules above			
And			
X7432	Dissertation in Education	4	20

The credit requirements for the other Subject are specified in that subject's specialisation regulations.
Not all optional modules on this list will be available in each academic year.

Minor Honours Curriculum in Education with another Subject
40. All students shall undertake a curriculum in Education as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7449	Educational Representations in Film and Literature	4	20

Optional Modules

20 credits chosen from the list of optional modules in Regulation 39.

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

Specialisation in English
41. Students taking English shall undertake a curriculum in English as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ227	Writing Through Time 1	2	20
QQ228	Writing Through Time 2	2	20

Optional Modules

80 credits chosen from:

Module Code	Module Title	Level	Credits
QQ203	The Construction of Scotland: Text and Context	2	20
QQ211	Making the Modern Human	2	20
QQ267	Textlab 2	2	20
QQ302	Order and Nature in Renaissance Writing	3	20
QQ304	Sex, Revenge and Corruption in Renaissance Drama	3	20
QQ307	Nineteenth Century American Literature	3	20
QQ308	Language in Business and Organisations	3	20
QQ309	Language in Business and Organisations	3	20
QQ310	International Influences: World Literature and Literature in English	3	20
QQ324	Textlab 3	3	20
QQ327	Theories of Literature and Wellbeing	3	20
QQ331	Writing Short Fiction and Poetry*	3	20
QQ332	Dramatic Writing*	3	20
QQ333	The Body: Theories and Representations	3	20
QQ334	La Belle Epoque: Edwardian Literature and Culture, 1900-14	3	20
QQ335	The American Novel (1925 – Present)	3	20
QQ338	Working Lives: Working-Class History, Culture and Literature	3	20
QQ339	English and Creative Writing Work Placement	3	20
QQ607	Victorian Literature	3	20
QQ608	Twentieth Centure Literature	3	20
QQ609	America in the 1920s	3	20
QQ612	The Sexed Self: Gender, Sexuality and Autobiography	3	20
QQ616	The Glasgow Novel	3	20
QQ617	Literature of the First World War	3	20

QQ618	Detective Fiction	3	20
QQ622	Children's Literature	3	20
QQ623	Reading Poetry	3	20
QQ631	Adaptations: Literature and Cinema	3	20
QQ666	Shakespeare Studies	3	20
QQ311	Writing War	3	20
QQ341	The Near Abroad: Literature and Imperialism Within Europe	3	20

* Only one of these modules may be taken except for students undertaking single honours from Year 3 who can select both.

Not all optional modules on this list will be available in each academic year.

Single Honours Curriculum in English

42. All students shall undertake a curriculum in English as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ701	Dissertation in English	4	20
Or			
QQ705	Dissertation in English	4	20

Optional Modules

100 credits chosen from the following list of optional modules:

Module Code	Module Title	Level	Credits
QQ402	Atrocity and Modernism	4	20
QQ403	Animals and the Writing of Fiction	4	20
QQ404	Women Writing Revolution	4	20
QQ405	Introduction to Digital Humanities	4	20
QQ407	Text Lab 4	4	20
QQ410	Contemporary Travel Writing	4	20
QQ412	Versions of Tragedy	4	20
QQ413	The American West in Fiction and Film	4	20

QQ414	Literature, Mind and Brain	4	20
QQ417	The Dramatic Work in Performance	4	20
QQ418	Wild in the Renaissance	4	20
QQ419	Modern Periodicals	4	20
QQ420	The 20th and 21st Century Novel	4	20
QQ422	Songs: Music and Literature	4	20
QQ425	Sixties Britain: Literature, Culture, Counterculture	4	20
QQ428	Soviet Literature in Translation 1917-1967	4	20
QQ434	Writing Gender in Contemporary Literature	4	20
QQ702	Journeys and Travel Writing	4	20
QQ710	Scottish Literary Modernism	4	20
QQ711	Oral Narratives and Fairy Tales	4	20
QQ712	The Nineteen Thirties: Literature and Culture	4	20
QQ713	Language and Media	4	20
QQ714	Victorian Gothic	4	20
QQ715	An Introduction to Gay and Lesbian Literature	4	20
QQ716	Experimental Literatures	4	20
QQ717	La Belle Epoque: Edwardian Literature and Culture (1900 – 1914)	4	20
QQ718	Transatlantic Comic Writing (1900 – 1950)	4	20
QQ720	Philosophy and Science in the Enlightenment	4	20
QQ721	Vladimir Nabokov – Two Great Novels	4	20
QQ722	Cultures of Transgression	4	20
QQ725	The Dramatic Work in Performance	4	20
QQ727	Present-day Victorians	4	20
QQ425	Sixties Britain: Literature, Culture, Counterculture	4	20
QQ426	Travel/Exile/Refuge: Writing in Transit	4	20
QQ431	Reading Poetry	4	20

QQ503	21st Century Science Fiction: Its Anti-Racist, Crip and Queer Dimensions	4	20
QQ433	British Children's Literature: Victorian to Twenty-First Century	4	20
CW402	Climate Narratives*	4	20
CW401	Writing Fiction and Nonfiction*	4	20
CW405	New Narratives*	4	20
CW403	Based On: Adaptation, From Book To Film And Beyond *	4	20
CW408	Reading and Writing Historical Fiction	4	20

* Single and Major Honours students may take only one of these modules. Joint and Minor Honours students may not take any of these modules.

Not all optional modules on this list will be available in each academic year.

Major Honours Curriculum in English with another Subject
43. All students shall undertake a curriculum in English as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ701*	Dissertation in English	4	20
Or			
QQ705**	Dissertation in English	4	20

*Semester 1
**Semester 2

Optional Modules

60 credits chosen from the list of optional modules in Regulation 42.

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

Joint Honours Curriculum in English and another Subject
44. All students shall undertake a curriculum in English as follows:

Optional Modules

60 credits chosen from the list of optional modules in Regulation 42.

Module Code	Module Title	Level	Credits
60 credits chosen from the list of optional modules in Regulation 42			
Or			

QQ701	Dissertation in English	4	20
Or			
QQ705	Dissertation in English	4	20
and 40 credits chosen from Regulation 42			

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

Minor Honours Curriculum in English with another Subject
45. All students shall undertake a curriculum in English as follows:

Optional Modules

40 credits chosen from the list of optional modules in Regulation 42.

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

Specialisation in English & Creative Writing
46. Students shall undertake a curriculum in English & Creative Writing as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ227	Writing Through Time 1	2	20
QQ228	Writing Through Time 2	2	20
QQ331**	Writing Short Fiction and Poetry	3	20
QQ332**	Dramatic Writing	3	20

****Students must take one of the two modules indicated by ** but need not take both modules**

Year 2
Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
QQ203	The Construction of Scotland: Text and Context	2	20
QQ211	Making the Modern Human	2	20
QQ267	Textlab 2	2	20

Not all optional modules on this list will be available in each academic year.

Year 3
Optional Modules

20 credits chosen from the following list:

Module Code	Module Title	Level	Credits
QQ302	Order and Nature in Renaissance Writing	3	20
QQ304	Sex, Revenge and Corruption in Renaissance Drama	3	20
QQ307	Nineteenth Century American Literature	3	20
QQ309	Language in Business and Organisations	3	20
QQ310	International Influences: World Literature and Literature in English	3	20
QQ324	Textlab 3	3	20
QQ327	Theores of Literature and Wellbeing	3	20
QQ333	The Body: Theories and Representations	3	20
QQ334	La Belle Epoque: Edwardian Literature and Culture, 1900-14	3	20
QQ335	The American Novel (1925 – Present)	3	20
QQ338	Working Lives: Working-Class History, Culture and Literature	3	20
QQ339	English and Creative Writing Work Placement	3	20
QQ607	Victorian Literature	3	20
QQ608	Twentieth Century Literature	3	20
QQ612	The Sexed Self: Gender, Sexuality, Autobiography	3	20
QQ616	The Glasgow Novel	3	20
QQ617	Literature of the First World War	3	20
QQ618	Detective Fiction	3	20
QQ622	Children's Literature	3	20
QQ623	Reading Poetry	3	20
QQ631	Adaptations: Literature and Cinema	3	20
QQ341	The Near Abroad: Literature and Imperialism Within Europe	3	20

Not all optional modules on this list will be available in each academic year.

47. All students shall undertake a curriculum in English and Creative Writing as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ701	Dissertation in English	4	20
Or			
QQ705	Dissertation in English	4	20
Or			
CW406	Dissertation in Creative Writing	4	20
Or			
CW407	Dissertation in Creative Writing	4	20

Optional Modules

If CW406 or CW407 Dissertation in Creative Writing is taken, 40 credits must be taken from List A and 60 credits from List B.

If CW406 or CW407 Dissertation in Creative Writing is not taken, 60 credits must be taken from List A and 40 credits from List B.

List A

Module Code	Module Title	Level	Credits
CW402	Climate Narratives	4	20
CW401	Writing Fiction and Nonfiction	4	20
CW405	New Narratives	4	20
CW403	Based on: Adaptation, From Book to Film and Beyond	4	20
CW404	Creating Writing Portfolio	4	20
CW408	Historical Fiction	4	20
QQ716	Experimental Literatures	4	20

List B

Module Code	Module Title	Level	Credits
QQ403	Animals in the Writing of Fiction	4	20
QQ405	Introduction to Digital Humanities	4	20

QQ407	Textlab 4	4	20
QQ412	Versions of Tragedy	4	20
QQ414	Literature, Mind and Brain	4	20
QQ417	The Dramatic Work in Performance	4	20
QQ418	Wild in the Renaissance	4	20
QQ422	Songs: Music and Literature	4	20
QQ423	Creative Economies and the Culture Industry	4	20
QQ424	Contemporary Scottish Literature	4	20
QQ425	Sixities Britain: Literature, Culture, Counterculture	4	20
QQ428	Soviet Literature in Translation (1917 – 1967)	4	20
QQ430	Forms of Feminism in Contemporary Literature	4	20
QQ710	Scottish Literary Modernism	4	20
QQ711	Oral Narratives and Fairy Tales	4	20
QQ712	The Nineteen Thirties: Literature and Culture	4	20
QQ713	Language and Media	4	20
QQ714	Victorian Gothic	4	20
QQ715	An Introduction to Gay and Lesbian Literature	4	20
QQ716	Experimental Literature	4	20
QQ717	La Belle Epoque: Edwardian Literature and Culture (1900 – 1914)	4	20
QQ725	The Dramatic Work in Performance	4	20
QQ727	Present-day Victorians	4	20
QQ426	Travel/Exile/Refuge: Writing in Transit	4	20
QQ431	Reading Poetry	4	20
QQ503	21st Century Science Fiction: Its Anti-Racist, Crip and Queer Dimensions	4	20
QQ433	British Children's Literature: Victorian to Twenty-First Century	4	20
QQ434	Writing Gender in Contemporary Literature	4	20

Not all optional modules on this list will be available in each academic year.

Major Honours Curriculum in English and Creative Writing with another Subject

48. All students shall undertake a curriculum in English and Creative Writing as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
QQ701	Dissertation in English	4	20
Or			
QQ705	Dissertation in English	4	20
Or			
CW406	Dissertation in Creative Writing	4	20
Or			
CW407	Dissertation in Creative Writing	4	20

Optional Modules

60 credits chosen from the list of optional modules in Regulation 47

If CW406 or CW407 Dissertation in Creative Writing is taken, 20 credits must be taken from List A and 40 credits from List B.

If CW406 or CW407 Dissertation in Creative Writing is not taken, 40 credits must be taken from List A and 20 credits from List B.

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

Joint Honours Curriculum in English and Creative Writing and another Subject
49. All students shall undertake a curriculum in English and Creative Writing as follows:

Optional Modules

Module Code	Module Title	Level	Credits
60 credits chosen from the list of optional modules in Regulation 47 Or			
QQ701	Dissertation in English	4	20
Or			
QQ705	Dissertation in English	4	20
Or			
CW406	Dissertation in Creative Writing	4	20
Or			

CW407	Dissertation in Creative Writing	4	20
and 40 credits chosen from Regulation 47			

If CW406 or CW407 Dissertation in Creative Writing is taken, at least 20 credits must be taken from List B.

If CW406 or CW407 Dissertation in Creative Writing is not taken, at least 20 credits must be taken from List A.

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

Minor Honours Curriculum in English and Creative Writing with another Subject
50. All students shall undertake a curriculum in English and Creative Writing as follows:

Optional Modules

20 credits from List A and 20 credits from **List B** in Regulation 47.

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

Specialisation in History
51. Students taking History shall undertake a curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
V1326	Historiography and Research Methods	3	20

Optional Modules

100 credits chosen from:

Module Code	Module Title	Level	Credits
V1201	Scotland (1542 – 1707): Reformation, Revolutions and Union	2	20
V1202	Scotland (1603 – 1707): From Union of the Crowns to Union of the Parliaments	2	20
V1213	Disease and Society: An Introduction to the History of Medicine	2	20
V1214	History of Scotland (1700 – 1832)	2	20
V1215	History of Scotland (1832 – 1914)	2	20
V1216	History of the United States of America since 1877	2	20
V1217	Modern Europe	2	20
V1218	Science, Technology and the Making of the Modern World	2	20

V1220	Scotland (1469 – 1603): Renaissance and Reformation	2	20
V1235	The British Empires: Conquest, Commerce and Cooperation (1556 – 2013)	2	20
V1236	Glasgow: History, Culture, Identity	2	20
V1237	War and Society in the Twentieth Century	2	20
V1303	France at War (1870 – 1962)	3	20
V1404	The American West	3	20
V1311	Living Under a Dictator: Politics and Society in Fascist Itality	3	20
V1324	Dangerous Drugs and Magic Bullets: Social History of Medicines (1800 – 2000)	3	20
V1325	From Samurai to Entrepreneurs: The Birth of Modern Japan	3	20
V1330	Propaganda and War in the Twentieth Century	3	20
V1334	Scottish Society since 1914	3	20
V1335	Slavery in World History	3	20
V1337	The Covenanters and the British Civil Wars, c.1637-51	3	20
V1339	Islands in the Sea: The Maritime World of the Atlantic Archipelago	3	20
V1341	Disability in Modern Britatin	3	20
V1342	Living Under the Raj: Colonial South Asia (1857 – 1947)	3	20
V1346	Sex, Medicine and Society in Britain and Ireland (1880s – 1980s)	3	20
V1347	The Irish Diaspora, 1800-2000	3	20
V1378	Oral History Theory and Practice	3	20
V1389	Cold War Europe (1945 – 1991)	3	20
V1391	Empires and India: South Asia (1526 – 1857)	3	20
V1392	Medicine and Warfare	3	20
V1393	Conflict in the Middle East (1900 – 1973)	3	20
V1394	Madness & Society: Ancient to Present	3	20
V1395	Work and Community Placement in Oral History	3	20
V1396	Bringing out the Bodies in History	3	20
V1397	Cities, States and Culture in Renaissance Italy	3	20

V1398	US Foreign Policy (1945 – 1989)	3	20
V1379	History Work Placement	3	20
V1348	Global Scotland: Migration, Diaspora and Scottish Society since 1800	3	20
V1344	Science, Technology and American Society	3	20
V1384	Hidden Histories: stories of the marginalised in 20th century Britain	3	20
V1343	Global Histories of Childhood	3	20
V1349	Everyday Life, Activism and the Troubles	3	20
V1711	The Russian Revolution and Its Global Impact, 1917-1928	3	20

Not all optional modules on this list will be available in each academic year.

Single Honours Curriculum in History
52. All students shall undertake a curriculum in History as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
V1729	Dissertation in History	4	40

Optional Modules

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 (modules must be taken in pairs as indicated)

Module Code	Module Title	Level	Credits
V1409	The Scramble for the Middle East 1, Arab Nationalism, Zionism and European Colonial Powers (1914 – 1939)	4	20
V1410	The Scramble for the Middle East 2, Arab Nationalism, Zionism and European Colonial Powers (1914 – 1939)	4	20

Module Code	Module Title	Level	Credits
V1425	Scandals and Ethics 1: The History of Pharmacy	4	20
V1426	Scandals and Ethics 2: The History of Pharmaceuticals	4	20

Module Code	Module Title	Level	Credits
V1427	Britain, France and European Unity 1 (1945 - 1956)	4	20
V1428	Britain, France and European Unity 2 (1957 - 1973)	4	20

Module Code	Module Title	Level	Credits
V1429	The 1707 Act of Union in a British and European Context 1	4	20
V1430	The 1707 Act of Union in a British and European Context 2	4	20

Module Code	Module Title	Level	Credits
V1435	The United States Between the Wars 1: World War One and the Prosperity Decade	4	20
V1436	The United States Between the Wars 2: The Great Depression and the New Deal	4	20

Module Code	Module Title	Level	Credits
V1444	The Price of Healthcare: The UK, Canada and USA since 1800 1	4	20
V1445	The Price of Healthcare: The UK, Canada and USA since 1800 2	4	20

Module Code	Module Title	Level	Credits
V1446	Scotland and Britain 1: The Development of Scottish and British National Identiies in Scotland from c.1707 to c.1850	4	20
V1447	Scotland and Britain 2: The Development of Scottish and British National Identiies in Scotland since c.1850	4	20

Module Code	Module Title	Level	Credits
V1473	Histories of Terrorism: Case-Studies and Comparisons in the Modern Age 1	4	20
V1476	Histories of Terrorism: Case-Studies and Comparisons in the Modern Age 2	4	20

Module Code	Module Title	Level	Credits
V1480	The Power of Persuasion: Media, Propaganda and the State in the 20th Century 1	4	20
V1481	The Power of Persuasion: Media, Propaganda and the State in the 20th Century 2	4	20

Module Code	Module Title	Level	Credits
V1483	Men at War (1914 – 1945) 1	4	20
V1484	Men at War (1914 – 1945) 2	4	20

Module Code	Module Title	Level	Credits

V1485	From Ancient Passions to Modern Feelings: The History of Emotions 1	4	20
V1486	From Ancient Passions to Modern Feelings: The History of Emotions 2	4	20

Module Code	Module Title	Level	Credits
V1488	Science, Technology and Industrial Innovation 1	4	20
V1489	Science, Technology and Industrial Innovation 2	4	20

Module Code	Module Title	Level	Credits
V1701	The Scottish Revolution of 1688-90 in a British and European Context 1	4	20
V1702	The Scottish Revolution of 1688-90 in a British and European Context 2	4	20

Module Code	Module Title	Level	Credits
V1703	For the Benefit of Mankind? Human Experiments in History 1	4	20
V1704	For the Benefit of Mankind? Human Experiments in History 2	4	20

Module Code	Module Title	Level	Credits
V1709	Enemies of All Mankind: The Rise, Fall and Enduring Impact of Atlantic Piracy (1660 – 1730) 1	4	20
V1710	Enemies of All Mankind: The Rise, Fall and Enduring Impact of Atlantic Piracy (1660 – 1730) 2	4	20

Module Code	Module Title	Level	Credits
V1941	Imperialism, Politics and Society in Britain (1870 – 1914) 1	4	20
V1942	Imperialism, Politics and Society in Britain (1870 – 1914) 2	4	20

Module Code	Module Title	Level	Credits
V1944	Social History of Work (1880 – 1951): Perspectives	4	20
V1945	Social History of Work (1880 – 1951): Primary Sources	4	20

Module Code	Module Title	Level	Credits
V1951	Madness in the Modern World 1	4	20
V1952	Madness in the Modern World 2	4	20

Module Code	Module Title	Level	Credits
V1715	Women's Lives in Modern Ireland c.1850-2000 1	4	20
V1716	Women's Lives in Modern Ireland c.1850-2000 2	4	20

Module Code	Module Title	Level	Credits
V1723	Votes for Women and beyond: Women's Rights in Scotland from 1832-2000 1	4	20
V1724	Votes for Women and beyond: Women's Rights in Scotland from 1832-2000 2	4	20

Module Code	Module Title	Level	Credits
V1790	Cold War Europe 1	4	20
V1791	Cold War Europe 2	4	20

Module Code	Module Title	Level	Credits
V1730	Race and Health in America: Eugenics to the Opioid Crisis 1	4	20
V1731	Race and Health in America: Eugenics to the Opioid Crisis 2	4	20

Module Code	Module Title	Level	Credits
V1726	Classified: Spying on the World from 1945 to the Present 1	4	20
V1727	Classified: Spying on the World from 1945 to the Present 2	4	20

Module Code	Module Title	Level	Credits
V1707	The Last Empire: The History of the Soviet Union, 1917-1991: I	4	20
V1708	The Last Empire: The History of the Soviet Union, 1917-1991: II	4	20

Module Code	Module Title	Level	Credits
V1733	Bedlam and Beyond: The Controversial History of the Asylum: I	4	20
V1734	Bedlam and Beyond: The Controversial History of the Asylum: II	4	20

Not all optional modules on this list will be available in each academic year.

List B: Honours Modules*

Module Code	Module Title	Level	Credits

V1404	France at War (1870 – 1962)	4	20
V1405	Scottish Society since 1914	4	20
V1406	Cold War Europe (1945 – 1991)	4	20
V1407	Bombers and Mash: Britain and the Home Front (1939 – 1945)	4	20
V1419	Scotland's 'Highland Problem'?: Crown-Clan Relations in the Sixteenth Century	4	20
V1420	Living Under a Dictator: Politics and Society in Fascist Italy	4	20
V1424	The Convenanters and the British Civil Wars, c.1637-51	4	20
V1432	From Samurai to Entrepreneurs: The Birth of Modern Japan	4	20
V1449	The American West	4	20
V1456	Oral History: Theory and Practice	4	20
V1457	Madness & Society: Ancient to Present	4	20
V1462	Disability in Modern Britain	4	20
V1468	Sex, Medicine and Society in Britain and Ireland (1880s – 1980s)	4	20
V1471	Living Under the Raj: Colonial South Asia (1857 – 1947)	4	20
V1472	Bringing out the Bodies in History	4	20
V1474	The 'Westward Enterprise': Scotland, Ulster and America c.900 – 1783	4	20
V1479	Slavery in World History	4	20
V1487	Islands in the Sea: The Maritime World of the Atlantic Archipelago	3	20
V1493	Medicine and Warfare in the Twentieth Century	4	20
V1498	Empires and India: South Asia (1526 – 1857)	4	20
V1499	Work and Community Placement in Oral History	4	20
V1705	US Foreign Policy (1945 – 1989)	4	20
V1946	Dangerous Drugs and Magic Bullets: Social History of Medicines (1800 – 2000)	4	20
V1958	Propaganda and War in the Twentieth Century	4	20
V1714	The Irish Diaspora, 1800-2000	4	20
V1717	Global Scotland: Migration, Diaspora and Scottish Society since 1800	4	20
V1720	Science, Technology and American Society	4	20

V1490	Hidden Histories: stories of the marginalised in 20th century Britain	4	20
V1713	Everyday Life, Activism and the Troubles	4	20
V1725	Global Histories of Childhood	4	20
V1440	France at War, 1870-1962	4	20
V1735	Reading and Writing Historical Fiction	4	20

***** Some restrictions apply on combinations of modules in this list with those in List A - Special Subjects.

Not all optional modules on this list will be available in each academic year.

Major Honours Curriculum in History with another Subject
53. All students shall undertake a curriculum in History as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
V1729	History Dissertation	4	40

Optional Modules

40 credits chosen from List A in Regulation 52
The credit requirements for the other Subject are specified in that subject's specialisation regulations.

Joint Honours Curriculum in History and another Subject
54. All students shall undertake a curriculum in History as follows:

Optional Modules

40 credits chosen from List A in Regulation 52

and either

20 credits chosen from List B in Regulation 52

Or

Module Code	Module Title	Level	Credits
V1940	History Dissertation	4	20
Or			
V1732	Field Dissertation in History*	4	20

**Students who have taken V1379 History Work Placement in third year will not be able to choose the Field Dissertation in History

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

Minor Honours Curriculum in History with another Subject
55. All students shall undertake a curriculum in History as follows:

Optional Modules

40 credits chosen from List B in Regulation 52

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

Regulations 56-58 no longer in use

Specialisation in Journalism, Media and Communication
59. Students taking Journalism, Media and Communication as a Principal Subject shall undertake a curriculum in Journalism, Media and Communication as follows:

Journalism, Media and Communication as a First or Second Principal Subject

Compulsory Modules

Module Code	Module Title	Level	Credits
P3210	News Reporting and Writing	2	20
P3209	Journalism, Media and Communciation: Theories and Methods	2	20

Optional Modules

Year 2

20 credits chosen from

Module Code	Module Title	Level	Credits
P3208	Digital Media: History, Theory and Practice	2	20
P3213	Feature Writing	2	20

Year 3

60 credits chosen from

Module Code	Module Title	Level	Credits
P3317	Digital Storytelling Skills	3	20
P3311	Law for Journalists	3	20
P3316	Media and Sport	3	20

P3308	Communicating Politics: Truth, Legitimacy, Participation	3	20
P3309	Working for and with the Scottish Media	3	20
P3364	Changing Media Audiences	3	20
P3313	Gender Issues in the Media	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Joint Honours Curriculum in Journalism, Media and Communication and another Subject

60. All students shall undertake a curriculum in Journalism, Media and Communication as follows:

Optional Modules

Either 60 credits chosen from:

Module Code	Module Title	Level	Credits
P3473	Media and Popular Culture	4	20
P3470	eCelebrity and Fan Cultures	4	20
P3474	Understanding Science, Health & the Environment in the Digital Age	4	20
P3417	Ethical Issues in Journalism: Controversy, Responsibility and Care	4	20
P3471	Digital Tools and Data Journalism	4	20
P3472	News Consumption, Trust and Misinformation	4	20
P3416	Work-based Learning	4	20

OR 40 credits chosen from the list of optional modules above AND

Module Code	Module Title	Level	Credits
P3404	Dissertation in Journalism, Media and Communication	4	20
Or			
P3469	Journalism Dissertation Practical Project	4	20

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

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Minor Honours Curriculum in Journalism, Media and Communication with another Subject

61. All students shall undertake a curriculum in Journalism, Media and Communication as follows

Optional Modules

40 credits chosen from List of optional modules in Regulation 60.

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

Specialisation in Law

62. Students taking Law as a Subject shall undertake a curriculum in Law as follows:

Optional Modules

Year 2

At least 40 credits chosen from the list below:

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence *	1	20
M7102	Law of Obligations 1 *	1	20
M9113	Law and Society *	1	20
M7104	Law of Persons	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20

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

Not all optional modules on this list will be available in each academic year.

Year 3

At least 40 credits chosen from the list below:

Module Code	Module Title	Level	Credits
M9305	Law, Film and Popular Culture	3	20
M9307	Crime and Punishment	3	20
M9308	Human Rights Law	3	20

M9309	Employment Law	3	20
M9311	Banking Law and Finance	3	20
M9312	Legal Theory **	3	20
M9313	Housing Law****	3	20
M9317	Public International Law	3	20
M9318	Competition Law	3	20
M9352	Internet Law	3	20
M9362	Roman Law	3	20
M9361	Sports Law*****	3	20
M9364	Education Law	3	20
M9365	Scottish Land Law*	3	20
M7302	An Introduction to Environmental Law	3	20
M9366	Legal Learning in a Work-Based Environment S1***	3	20
M7305	Legal Learning in a Work-Based Environment S2***	3	20

* Students must have passed M7203 Law of Property
** Students must have passed M9113 Law and Society
*** Students must have passed M9113 Law and Society, and M7103 Legal Processes and Systems
**** Students must have passed M7103 Legal Processes and Systems
***** Students must have passed M7103 Legal Processes and Systems and M7102 Law of Obligations 1
Not all optional modules on this list will be available in each academic year.

Joint Honours Curriculum in Law and another Subject
63. All students shall undertake a curriculum in Law as follows:

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
M9407	Law, Persons and Property	4	20
M9408	European Union Law	4	20
M9409	Criminology	4	20
M9410	Public International Law ***	4	20

M9411	Labour Law	4	20
M9412	Law of Business Associations	4	20
M9414	Mediation	4	20
M9416	Issues in Healthcare Law and Ethics	4	20
M9417	Legal Aspects of International Trade	4	20
M9418	Law of Competition	4	20
M9419	Criminal Law	4	20
M9424	Human Rights Law in Theory and Practice	4	20
M9427	Legal Theory **	4	20
M9429	Administrative Law*	4	20
M9433	Constitutional Law*	4	20
M9437	Internet Law	4	20
M9439	Global Health Rights and Development	4	20
M9446	Environmental Law	4	20
M9456	Law, Justice and Society	4	20
M9463	Regulating Work in a Global Economy	4	20
M9464	Global Environmental Justice	4	20
M9465	Miscarriages of Justice	4	20
M9466	Transitional Justice	4	20
M9467	Competition Law and the Digital Economy	4	20
M9469	Gender and Armed Conflict: Women in War and Peace-Building	4	20
M9471	Private Property and the Common Good****	4	20
M9472	Property Law and the Built and Natural Environment****	4	20
M9473	The Law of Leases****	4	20
M9474	Genocide and Crimes Against Humanity	4	20

M9475	Law, Architecture and Community	4	20

* Students must have passed M7201 Administrative Law and Fundamental Rights and M7105 Constitutional Law
** Students must have passed M9113 Law and Society
*** Students must have passed M9317 Public International Law
**** Students must have passed M7203 Law of Property

Not all optional modules on this list will be available in each academic year.

OR

Module Code	Module Title	Level	Credits
M9436	Dissertation in Law	4	20
And 40 credits chosen from the list of optional modules in Regulation 61 above.			

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

Minor Honours Curriculum in Law with another Subject
64. All students shall undertake a curriculum in Law as follows:

Optional Modules

40 credits chosen from the list of optional modules in Regulation 61 above.

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

Specialisation in Modern Languages
65. Students taking a Modern Language as a Subject must normally have obtained the credits from the corresponding Level 1 modules in Regulation 17. Before entering a Level 3 language module, students must normally have obtained the credits from the corresponding Level 2 language module.

French
Compulsory Modules

Module Code	Module Title	Level	Credits
R1203	French Language 2A	2	20
R1204	French Language 2B	2	20
R1305	French Language 3A	3	20
R1306	French Language 3B	3	20

Optional Modules

At least 20 credits chosen from below:

Module Code	Module Title	Level	Credits
R1216	French Culture and History 2	2	20
R1315*	French Culture and History 3	3	20
R1397	Translation Studies: Key Debates and Theories (French)	3	20
R1396	Black France	3	20
R1395	Writing the Body in French and Francophone Contemporary Literature	3	20
R1399	France at War 1870-1962	3	20

* R1315 cannot be taken if R1215 has been taken and passed.

Not all optional modules on this list will be available in each academic year.

Spanish
Compulsory Modules

Module Code	Module Title	Level	Credits
R4206	Spanish Language 2A	2	20
R4207	Spanish Language 2B	2	20
R4308	Spanish Language 3A	3	20
R4309	Spanish Language 3B	3	20

Optional Modules

At least 20 credits from below:

Module Code	Module Title	Level	Credits
R4228	Counter-currents in the Hispanic World	2	20
R4302	Latin America Through Indigenous Eyes	3	20
R4303	What are you looking at!? – Visual Culture in Spain	3	20

Not all optional modules on this list will be available in each academic year.

Admission to Joint Honours in a Modern Language and another Subject

66. All students must have met the requirements of Regulation 33. For admission to Joint Honours, students must have satisfied the Subject requirement in the language taken.

67. 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 Department.

Admission to Minor Honours in a Modern Language

68. All students must meet the requirements of Regulation 33. 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.

69. 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 Department.

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

Joint Honours Curriculum in a Modern Language and another Subject

71. All students shall undertake a curriculum in a Modern Language as follows:

French

Compulsory Modules

Module Code	Module Title	Level	Credits
R1509	French Honours Spoken Language	4	20
R1510	French Honours Written Language	4	20

Optional Modules

Module Code	Module Title	Level	Credits
Either			
R1498	Dissertation in French	4	20
Or 20 credits chosen from:			
R1497	France at War, 1870-1962	4	20
R1702	Translation Studies: Key Debates and Theories (French)	4	20
R1499	Writing the Body in French and Francophone Contemporary Literature	4	20
R1701	Black France	4	20
R1409	Work Placement (French)	4	20

Not all optional modules on this list will be available in each academic year.

Spanish

Compulsory Modules

Module Code	Module Title	Level	Credits
R4501	Spanish Honours Spoken Language	4	20
R4502	Spanish Honours Written Language	4	20

Optional Modules

Module Code	Module Title	Level	Credits
Either			
R4498	Dissertation in Spanish	4	20
Or 20 credits chosen from:			
R4411	Translation Studies: Key Debates and Theories (Semester 1)	4	20
R4408	Latin America Through Indigenous Eyes (Semester 1)	4	20
R4409	What are you looking at!? – Visual Culture in Spain (Semester 2)	4	20
R4701	Work Placement (Spanish) (Semester 2)	4	20

Not all optional modules on this list will be available in each academic year.

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

Minor Honours Curriculum in a Modern Language with another Subject
72. All students shall undertake a curriculum in the Modern Language as follows:

French Minor
Compulsory Modules

Module Code	Module Title	Level	Credits
R1509	French Honours Spoken Language	4	20
R1510	French Honours Written Language	4	20

Spanish Minor
Compulsory Modules

Module Code	Module Title	Level	Credits
R4501	Spanish Honours Spoken Language	4	20
R4502	Spanish Honours Written Language	4	20

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

Honours Curriculum in Modern Languages with a Business Subject
73. All students shall undertake a curriculum in both Modern Languages as follows:

French
Compulsory Modules

Module Code	Module Title	Level	Credits
R1509	French Honours Spoken Language	4	20
R1510	French Honours Written Language	4	20

Spanish
Compulsory Modules

Module Code	Module Title	Level	Credits
R4501	Spanish Honours Spoken Language	4	20
R4502	Spanish Honours Written Language	4	20

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

Specialisation in Politics and International Relations

74. All students shall undertake a 2nd Year curriculum in Politics and International Relations as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2236	Research Design for Political Science	2	20

Optional Modules

At least 20 credits from the list below:

Module Code	Module Title	Level	Credits
L2201	International Relations and Global Politics	2	20
L2235	Political Philosophy	2	20

Not all optional modules on this list will be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L2304	Quantitative Methods for Social Research	3	20
And			

L2347	Designing Qualitative Research	3	20
Or			
L2348	Designing Quantitative Research	3	20

These classes are compulsory only for students wishing to select a single honours curriculum from Year 3 or to undertake joint honours with a dissertation in Politics and International Relations.

Optional Modules

Students who select a single honours curriculum from Year 3 must select 40 credits from List A and 40 credits chosen from List B.

Joint honours students wishing to undertake a dissertation in Politics and International Relations must select 20 credits from List A.

Joint honours students **not** wishing to undertake a dissertation in Politics and International Relations must select at least 40 credits from List A and 20 credits from List B.

List A

Module Code	Module Title	Level	Credits
L2345	Elections, Public Opinion, & Parties	3	20
L2349	International Relations	3	20
L2346	Public Policy and Political Economy	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B*

Module Code	Module Title	Level	Credits
L2307	Chinese Politics	3	20
L2308	European Politics	3	20
L2309	American Politics	3	20
L2310	Scottish Politics	3	20
L2313	Parliamentary Studies	3	20
L2314	United States National Security	3	20
L2340	Contemporary British Governance	3	20
L2344	Can Democracy Deliver?	3	20
L2358	Governance and Development	3	20

L2362	Democratization	3	20
XXXXX	Political Parties: Background to Policy Making	3	20
L2361	Green Politics	3	20
L2351	Political Behaviour	3	20
L2356	Feminism and Politics	3	20
L2354	International Relations Theory in a Global Age	3	20
L2357	International Security	3	20
L2363	Analysing Religion and Politics	3	20
L2350	Territorial Politics in the UK	3	20
L2353	Transforming Democracies? Participation and Representation	3	20
L2355	States and Markets	3	20
L2352	Domestic Security	3	20
L2316	Peacekeeping and Peacebuilding	3	20
L2360	International Political Economy	3	20

* Some modules in List B may have prerequisite modules from List A.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Single Honours Curriculum in Politics and International Relations

78. All students shall undertake a curriculum in Politics and International Relations as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L2404	Politics and International Relations Dissertation	4	20

Optional Modules

100 credits chosen from optional modules that were not chosen in 3rd Year:

Module Code	Module Title	Level	Credits
L2402	Governance and Development	4	20
L2406	Democratization	4	20
L2410	Political Parties: Background to Policy Making	4	20

L2412	Green Politics	4	20
L2413	Political Behaviour	4	20
L2419	Territorial Politics in the UK	4	20
L2421	Feminism and Politics	4	20
L2422	International Relations Theory in a Global Age: Rethinking the Key Concepts	4	20
L2426	International Security: Concepts and Issues	4	20
L2427	Transforming Democracies? Representation and Participation	4	20
L2430	Analysing Religion and Politics	4	20
L2433	Can Democracy Deliver	4	20
L2434	States and Markets	4	20
L2437	Domestic Security	4	20
L24443	Quantitative Methods in Social Research	4	20
L2444	Chinese Politics	4	20
L2441	Scottish Politics	4	20
L2440	Parliamentary Studies	4	20
L2439	American Politics	4	20
L2438	European Politics	4	20
L2445	PIR Work Placement	4	20
L24XX	Specialised Topics in Quantitative Methods	4	20
L2420	Peacekeeping and Peacebuilding	4	20
L2449	Human Rights in International Relations	4	20
L2450	Contemporary British Governance	4	20
L2452	International Political Economy	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Major Honours Curriculum in Politics and International Relations with another Subject

79. All students shall undertake a curriculum in Politics and International Relations as follows:

<u>Compulsory Modules</u>

Module Code	Module Title	Level	Credits
L2404	Politics and International Relations Dissertation	4	20
And 60 credits chosen from the list of optional modules in Regulation 78			

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

Joint Honours Curriculum in Politics and International Relations and another Subject

80. All students shall undertake a curriculum in Politics and International Relations as follows:

Optional Modules

60 credits chosen from the list of optional modules in Regulation 78

OR

Module Code	Module Title	Level	Credits
L2404	Politics and International Relations Dissertation	4	20
And 40 credits chosen from the list of optional modules in Regulation 78			

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

Minor Honours Curriculum in Politics and International Relations with another Subject

81. All students shall undertake a curriculum in Politics as follows:

Optional Modules

40 credits chosen from the list of modules in Regulation 78.

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

Specialisation in Psychology

82. Students taking any module 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 Modules

Module Code	Module Title	Level	Credits
C8201	Cognition and Neuropsychology	2	20
C8202	Social and Health Psychology	2	20

C8203	Introduction to Research Design and Analysis	2	20
C8321	Research Methods and Data Analysis	3	20

Single Honours

Module Code	Module Title	Level	Credits
C8303	Individual Differences	3	20
C8304	Cognition	3	20
C8305	Development	3	20
C8306	Psychobiology	3	20
C8307	Social Psychology	3	20

Joint Honours

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
C8303	Individual Differences	3	20
C8304	Cognition	3	20
C8305	Development	3	20
C8306	Psychobiology	3	20
C8307	Social Psychology	3	20

Not all optional modules on this list will be available in each academic year.

Single Honours Curriculum in Psychology
83. All students shall undertake a curriculum in Psychology as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8426	Dissertation in Psychology	4	40

Optional Modules

80 credits chosen from:

Module Code	Module Title	Level	Credits
WE401	Work Transitions	4	20
C8425	International Work Placement *	4	20
C8437	Psychology Work Placement *	4	20
C8448	Cross Cultural Psychology	4	10
C8474	Introduction to Sleep Health	4	10
C8701	Psychology of Mental Health	4	10
C8472	Critical Thinking and Common-sense Reasoning	4	10
C8447	Belief and Anomalistic Experience	4	10
C8702	Critical Review Semester 1	4	10
C8473	Critical Review Semester 2	4	10
C8475	Psychology and Cognitive Neuroscience of Face Recognition	4	10
C8476	Psychological Assessment	4	10
C8449	Psychology and Ageing	4	10
C8442	Psychology of Physical Activity	4	10
C8477	Evolutionary Approaches to Human Mate Preferences	4	10
C8478	Neuropsychology of Ageing and Dementia	4	10
C8446	Considering Sleep Through the Behavioural Lens	4	10
C8479	Theory and Practice of Learning and Cognition	4	10
C8443	Moral Psychology	4	10

*Only one of these modules can be taken.

Not all optional modules on this list will be available in each academic year.

Major Honours Curriculum in Psychology with another Subject (except Mathematics)
84. All students shall undertake a curriculum in Psychology as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8427	Dissertation in Psychology	4	20

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
C8448	Cross Cultural Psychology	4	10
C8474	Introduction to Sleep Health	4	10
C8701	Psychology of Mental Health	4	10
C8472	Critical Thinking and Common-sense Reasoning	4	10
C8447	Belief and Anomalistic Experience	4	10
C8702	Critical Review Semester 1	4	10
C8473	Critical Review Semester 2	4	10
C8475	Psychology and Cognitive Neuroscience of Face Recognition	4	10
C8476	Psychological Assessment	4	10
C8449	Psychology and Ageing	4	10
C8442	Psychology of Physical Activity	4	10
C8477	Evolutionary Approaches to Human Mate Preferences	4	10
C8478	Neuropsychology of Ageing and Dementia	4	10
C8446	Considering Sleep Through the Behavioural Lens	4	10
C8479	Theory and Practice of Learning and Cognition	4	10
WE401	Work Transitions	4	20
C8437	Psychology Work Placement	4	20
C8443	Moral Psychology	4	10
C8455	Health Psychology	4	10
xxxxx	Coaching Psychology and Coaching Skills	4	10

Not all optional modules on this list will be available in each academic year.

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

Joint Honours Curriculum in Psychology and another Subject (except Mathematics)
85. All students shall undertake a curriculum in Psychology as follows:

Optional Modules

60 credits chosen from the list of optional modules in Regulation 84

OR

Module Code	Module Title	Level	Credits
C8427	Dissertation in Psychology	4	20
And 40 credits chosen from the list of optional modules in Regulation 84			

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

Joint Honours Curriculum in Psychology and Mathematics

86. All students shall undertake a curriculum in Psychology and Mathematics as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C8427	Dissertation in Psychology	4	20

Optional Modules

40 credits in Psychology chosen from the list of optional modules in Regulation 84 and 60 credits in Mathematics chosen from the list of optional modules in Regulation 100.

Minor Honours Curriculum in Psychology with another Subject (except Mathematics)

87. All students shall undertake a curriculum in Psychology as follows:

Optional Modules

40 credits chosen from the list of optional modules in Regulation 84

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

Specialisation in Social Policy

88. All students taking Social Policy as a Subject shall undertake a 2nd Year curriculum in Social Policy as follows:

At least 40 credits chosen from the following optional modules:

Optional Modules

Module Code	Module Title	Level	Credits
L5216	The Making of Social Policy	2	20
L5217	Scottish Social Policy Since 1845	2	20
L5218	Key Concepts in Social Welfare	2	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

All students shall undertake a 3rd Year curriculum in Social Policy as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
L5327	Understanding Comparative Social Policy: Theories, Methods and Analysis	3	20
L5335	Research Methods for Social Policy	3	20

Optional Modules

20 credits from the following list:

Module Code	Module Title	Level	Credits
L5306	Contemporary Migration	3	20
L5325	Children and Young People: Research, Policy & Practice	3	20
L5326	Gender Based Violence: Issues and Concepts	3	20
L5328	Emotions, Criminology and Criminal Justice	3	20
L5329	Understanding Disability & Disability Policy	3	20
L5331	Health Policy in an International Context	3	20
L5332	Understanding Welfare Reform	3	20
L8301	Social Policy Placement	3	20
L5331	Scottish Health Policy in an International Context	3	20
S2301	Feminist Theory and Practice	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Joint Honours Curriculum in Social Policy and another Subject
89. All students shall undertake a curriculum in Social Policy as follows:

Module Code	Module Title	Level	Credits
Either			
L5417	Dissertation in Social Policy	4	20
L5418	Global Challenges	4	20

And 20 credits from the optional modules			
OR			
L5418	Global Challenges	4	20
And 40 credits from the optional modules			

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

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

Minor Honours Curriculum in Social Policy with another Subject
90. All students shall undertake a curriculum in Social Policy as follows:

No more than 40 credits from the following modules:

Module Code	Module Title	Level	Credits
L5418	Global Challenges	4	20
And 20 credits from the optional modules			

Optional Modules

Module Code	Module Title	Level	Credits
L5404	Contemporary Migration	4	20
L5405	Gender Based Violence: Issues and Concepts	4	20
L5415	Understanding Welfare Reform	4	20
L5416	Understanding Disability & Disability Policy	4	20
L5419	Health Policy in an International Context	4	20
L5420	Children and Young People: Research, Policy & Practice	4	20
L5421	Emotions, Criminology and Criminal Justice	4	20
L8402	Social Policy Placement	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

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

Students may not take a module of the same name in year 4 already taken in year 3.

Specialisation in Economics

91. Students taking Economics as a Subject shall undertake a curriculum in Economics as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics and Data Analysis	2	20
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20

Joint Honours Curriculum in a Humanities and Social Sciences Subject and Economics

92. All students shall undertake a curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
EC421	Advanced Microeconomics	4	20
Or			
EC422	Advanced Macroeconomics	4	20

Optional Modules

40 credits chosen from the following list of optional modules:

Module Code	Module Title	Level	Credits
EC412	Industrial Economics	4	20
EC413	Applied Econometrics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource, Environmental & Energy Economics	4	20
EC419	Economics Dissertation	4	20
EC420	Labour Economics	4	20

Not all optional modules on this list will be available in each academic year.

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

Specialisation in Hospitality and Tourism Management

93. Students taking Hospitality and Tourism Management as a Subject shall undertake a curriculum in Hospitality and Tourism Management as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
WE212	Sustainable Practice in Hospitality and Tourism	2	20
WE211	Managing Services & Experiences	2	20
WE314	International Hospitality and Tourism in the Digital Age	3	20
WE316	Event Management: Planning and Sustainable Practice	3	20

Joint Honours Curriculum in a Modern Language and Hospitality and Tourism Management

94. All students shall undertake a curriculum in Hospitality and Tourism Management as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MG423	Hospitality and Tourism Management Analysis: Case Studies and Case Histories	4	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
WE400	Current Issues in Tourism and Sustainability	4	20
SH424	Being an Ethical Manager	4	20
MG402	Management, Enterprise and the Rise of the Global Economy	4	20
MG424	Hospitality and Tourism Management Dissertation	4	20

Not all optional modules on this list will be available in each academic year.

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

Specialisation in Human Resource Management

95. Students taking Human Resource Management as a Subject shall undertake a curriculum in Human Resource Management as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits

WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20

Joint Honours Curriculum in a Humanities and Social Sciences Subject and Human Resource Management

96. All students shall undertake a curriculum in Human Resource Management as follows:

Compulsory Module

Module Code	Module Title	Level	Credits
WE402	Perspectives on Work and Employment	4	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
HR409	HRM Dissertation	4	20
WE405	People, Work and the Global Economy	4	20
WE401	Work Transitions	4	20
WE403	HRM and Employment Relations in Public Services	4	20
WE404	Strategy and Leadership	4	20

Not all optional modules on this list will be available in each academic year.

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

Specialisation in Marketing

97. Students taking Marketing as a Subject shall undertake a curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MK209	Understanding Consumers and Markets	2	20
MK212	Services and Retail Marketing	2	20
MK328	Strategic Marketing in an International Context	3	20

MK329	Marketing Communications in a Digital Age	3	20

Joint Honours Curriculum in a Modern Language and Marketing
98. All students shall undertake a curriculum in Marketing as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MK412	Brand Management	4	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
MK410	Advances in Consumer Behaviour	4	20
MK415	International Business Management	4	20
MK416	Managing Customer Relation	4	20
MK418	Social Marketing	4	20
MK419	Sports Marketing	4	20
MK421	Managing Integrated Marketing Comms: Theory & Practice	4	20
MK424	Tourism Marketing	4	20
MK425	Small Business Marketing	4	20

Not all optional modules on this list will be available in each academic year.

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

99. Specialisation in Mathematics

Compulsory Modules

Module Code	Module Title	Level	Credits
MM201	Linear Algebra and Differential Equations	2	20
MM204	Probability and Statistical Interference	2	20
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20

Optional Modules

40 credits chosen from:

Module Code	Module Title	Level	Credits
MM202	Advanced Calculus	2	20
MM206	Mathematical and Statistical Computing	2	20
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis	3	20
MM307	Stochastics and Financial Econometrics	3	20

Not all optional modules on this list will be available in each academic year.

Such other modules as may be approved by the Programme Director.

Joint Honours Curriculum in Psychology and Mathematics

100. All students shall undertake a curriculum in Mathematics as follows:

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM403	Applicable Analysis	4	20
MM404	Statistical Modelling and Analysis	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Method for Boundary Value Problems and Approximation	4	20
MM407	Applied Statistics in Society	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20
MM412	Optimisation: Theory and Practice	4	20
MM414	Dynamical Models in Epidemiology	4	20

Not all optional modules on this list will be available in each academic year.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY PROGRAMMES

ENGLISH LANGUAGE TEACHING DIVISION

Graduate Diploma in English for Postgraduate Study

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

Admission

1. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

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

Duration of Study

3. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Mode of Study

4. The programme is available by full-time study only.

Curriculum

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

Compulsory Modules

Unit 1

Module Code	Module Title	Level	Credits
AF401	English Language Skills	4	10
AF402	Reading and Writing Skills	4	10
AF403	English for Academic Purposes	4	10
AF404	Effective Study Skills	4	10

Unit 2

Module Code	Module Title	Level	Credits
AF405	Academic Listening / Academic Reading	4	10
AF406	Academic Writing	4	10

AF407	Study Skills for Postgraduate Study	4	10
AF413	Speaking and Listening in Specific Academic Contexts	4	10

Unit 3

Module Code	Module Title	Level	Credits
AF408	British Life and Institutions	4	10
AF411	Academic Speaking	4	10
AF412	Postgraduate Study Project	4	10
AF414	Integrated EAP Skills	4	10

Progress

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

7. Progress between units may be dependent on satisfactory performance against prescribed criteria in the earlier part of the programme.

8. The final overall award will be based on the aggregated results achieved in each of the twelve modules.

Award

9. **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.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

FACULTY PROGRAMMES

VALIDATED PROGRAMMES

SOCIAL SCIENCES

Diploma of Higher Education in Social Sciences
Certificate of Higher Education in Social Sciences

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

Admission

1. In addition to the requirements of the University's Admissions Policy, applicants will normally be required to attend for interview as part of the selection process.

2. Direct entry to the Diploma may be permitted subject to approval of the Vice-Dean (Academic) on the recommendation of the Programme 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 Programme Leader.

Status of the Programmes

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

Mode of Study

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

Place of Study

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

Curriculum

6. **First Year – all students shall undertake modules amounting to 120 credits as follows:**

Compulsory Modules

Module Code	Module Title	Level	Credits
CC117	Politics 1A	1	20
CC118	Politics 1B	1	20
CC121	Psychology 1A	1	20
CC124	Introduction to Economics	1	20
CC128	History 1A	1	20
CC129	History 1B	1	20

7. **Second Year – all students shall undertake modules amounting to 120 credits as follows:**

Compulsory Modules

Module Code	Module Title	Level	Credits
CC244	International Relations and Global Politics	2	20
CC256	Comparative Politics	2	20
CC255	Political Philosophy	2	20
CC252	Modern Europe	2	20
CC251	History of the USA	2	20
CC250	Cultures of the British Empire	2	20

Progress

8. In order to progress to the second year of the programme see *General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.*

Award

9. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Social Sciences see *General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.*

10. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Social Sciences see *General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.*

Transfer

11. A candidate who has achieved the award of Diploma of Higher Education may be permitted to transfer to the third year of the BA in Humanities and Social Sciences.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

CONTINUING EDUCATION

Certificate of Continuing Education in French

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

Admission

1. Applicants for admission to the programme for the Certificate of Continuing Education in French must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study.

Duration

2. The programme is offered on a part-time basis only, normally over a period of three years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Mode of Study

3. The programme is available by online study only.

Curriculum

4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	Introduction to French 1A for CCEd (Online)	1	20
XXXXX	Introduction to French 1B for CCEd (Online)	1	20
XXXXX	French Language 2A for CCEd (Online)	2	20
XXXXX	French Language 2B for CCEd (Online)	2	20
XXXXX	French Culture and History 2 for CCEd (Online)	2	20
XXXXX	French Language 3A for CCEd (Online)	3	20

Progress

5. Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the modules taken in that year.

6. In order to proceed to the next year of the programme, students must pass all modules for which they are registered by September.

Award

7. In order to qualify for the award of the Certificate of Continuing Education in French, a candidate must have accumulated no fewer than 120 credits including all compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

CONTINUING EDUCATION

Certificate of Continuing Education in Italian

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

Admission

1. Applicants for admission to the programme for the Certificate of Continuing Education in Italian must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study.

Duration

2. The programme is offered on a part-time basis only, normally over a period of three years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Mode of Study

3. The programme is available by online study only.

Curriculum

4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	Introduction to Italian 1A for CCEd (Online)	1	20
XXXXX	Introduction to Italian 1B for CCEd (Online)	1	20
XXXXX	Modern Italy For CCEd (Online)	2	20
XXXXX	Italian 2A for CCEd (Online)	2	20
XXXXX	Italian 2B for CCEd (Online)	2	20
XXXXX	Italian 3A for CCed (Online)	3	20

Progress

5. Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the modules taken in that year. The modules Italian 1A, 2A and 3A are continuous assessment modules only.

6. In order to proceed to the next year of the programme, students must pass all modules taken.

Award

7. In order to qualify for the award of the Certificate of Continuing Education in Italian, a candidate must have accumulated no fewer than 120 credits including all compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

CONTINUING EDUCATION

Certificate of Continuing Education in Mandarin

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

Admission

1. Applicants for admission to the programme for the Certificate of Continuing Education in Spanish must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study.

Duration

2. The programme is offered on a part-time basis only, normally over a period of three years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Nature of Study

3. The programme will be delivered entirely online via the Virtual Learning Environment.

Curriculum

4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
xxxxx	Introduction to Mandarin 1A for CCEd	1	20
xxxxx	Introduction to Mandarin 1B for CCEd	1	20
xxxxx	Mandarin 2A for CCEd	2	20
xxxxx	Mandarin 2B for CCEd	2	20
xxxxx	Mandarin 3A for CCEd	3	20
xxxxx	Modern China for CCEd	2	20

Progress

5. Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the modules taken in that year.

6. To proceed to next year of the programme, students must pass all modules taken.

Award

7. In order to qualify for the award of the Certificate of Continuing Education in Mandarin a candidate must have accumulated no fewer than 120 credits including all compulsory modules from the programme curriculum

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

CONTINUING EDUCATION

Certificate of Continuing Education in Spanish

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

Admission

1. Applicants for admission to the programme for the Certificate of Continuing Education in Spanish must normally satisfy the General Entrance Requirement or offer suitable alternative evidence of educational ability acceptable to the Board of Study.

Duration

2. The programme is offered on a part-time basis only, normally over a period of three years and not less than two academic sessions. Subject to these provisions, the Board of Study may grant exemption from part of the programme to a candidate who submits such evidence of academic fitness as the Board considers acceptable.

Mode of Study

3. The programme is available by online study only.

Curriculum

4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
XXXXX	Introduction to Spanish 1A for CCEd (Online)	1	20
XXXXX	Introduction to Spanish 1B (for CCEd (Online)	1	20
XXXXX	Spanish Language 2A for CCEd (Online)	2	20
XXXXX	Spanish Language 2B for CCEd (Online)	2	20
XXXXX	Spanish 3A for CCEd (Online)	3	20
XXXXX	Spanish and Latin American Studies 2 - Independence and Isolation for CCEd (Online)	2	20

Progress

5. Two diets of examinations shall be held in each academic year. Candidates will normally sit within each year of study the examinations appropriate to the modules taken in that year.

6. In order to proceed to the next year of the programme, students must pass all modules taken.

Award

7. In order to qualify for the award of the Certificate of Continuing Education in Spanish, a candidate must have accumulated no fewer than 120 credits including all compulsory modules from the programme curriculum.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF HUMANITIES

INTERCULTURAL COMMUNICATION AND GLOBAL BUSINESS

Bachelor of Art with Honours in Intercultural Communication and Global Business
Bachelor of Art in Intercultural Communication and Global Business

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

Admission

1. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, applicants on approved articulation agreements will be admitted directly to Year 3 and will be given advanced standing to reflect their previous study. Recognition of Prior Learning (RPL) will be awarded amounting to 240 credits.

Mode of Study

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

Curriculum

3. **First Year** – The First Year is not offered for this programme.

4. **Second Year** – The Second Year is not offered for this programme.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF304	International Leadership Development	3	20

Optional Modules

Students must choose 100 credits from the list below:

List A

Module Code	Module Title	Level	Credits
P3306	Writing Real Life	3	20
M9352	Internet Law	3	20
L2304	Quantitative Methods in Social Research	3	20
L2312	War, Terrorism and Conflict	3	20

L2340	Contemporary British Governance	3	20
MK328	Strategic Marketing in an International Context	3	20
QQ308	Language in Business and Organisations	3	20
MS211	Managing Business Processes and Information Systems	3	20
L2304	Quantitative Methods in Social Research	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
R5400	Dissertation	4	20

Optional Modules

Students must choose 80 credits from List A and 20 credits from List B such that the curriculum comprises at least 100 credits at Level 4.

List A

Module Code	Module Title	Level	Credits
BF404	Issues and Trends	4	20
P3313	Gender Issues in the Media	4	20
P3411	Digital Communication and Culture	4	20
P3414	Digital Tools & Skills in Journalism	4	20
P3415	Media and Health	4	20
P3728	Ethical Issues in Journalism	4	20
QQ422	Song: Music and Literature	4	20

List B

Module Code	Module Title	Level	Credits
M9209	Commercial Law	3	20
P3624	Journalism and Popular Culture	3	20

L2309	American Politics	3	20

Any such other Level 3 and Level 4 modules chosen from other programmes offered by the University as may be approved by the Programme Director.

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

7. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

8. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules which are taken in the fourth year.

Award

9. **Bachelor of Art with Honours in Intercultural Communication and Global Business:** In order to qualify for the award of the degree of BA with Honours in Intercultural Communication and Global the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. **Bachelor of Art in Intercultural Communication and Global Business:** In order to qualify for the award of BA in Intercultural Communication and Global Business the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including 240 credits from RPL.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

PHILOSOPHY, POLITICS AND ECONOMICS

Bachelor of Art with Honours in Philosophy, Politics and Economics
Bachelor of Art with Honours in Philosophy, Politics and Economics with International Study
Bachelor of Art in Philosophy, Politics and Economics
Bachelor of Art 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

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

Admission

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

2. Students may be admitted directly to Year 2 with advanced standing of 120 credits.

Mode of Study

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

Place of Study

4. 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

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L2104	Philosophy: Logic and Argumentation	1	20
L2107	Politics and International Relations 1A: Concepts and Processes	1	20
L2108	Politics and International Relations 1B: Decision Making and Outcomes	1	20
EC111	Introduction to Economics	1	20

Optional Modules

40 credits chosen from the list of classes in Regulation 17 (See Humanities and Social Sciences Regulations).

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L2201	International Relations and Global Politics	2	20
L2204	Comparative Politics	2	20
L2234	Logic and Ethical Reasoning	2	20
L2235	Political Philosophy	2	20
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics & Data Analysis	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L2305	Research Methods for Political Scientists	3	20
L2342	Logic of Scientific Inquiry	3	20
L2343	Philosophy of Economic Policy	3	20
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20

Optional Modules

Students will take an additional 20 credits from optional modules in Politics (Regulation 77) (See Humanities and Social Sciences Regulations), OR from the list of Interdisciplinary elective modules approved by the Faculty.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L2431	Seminar in Philosophy, Politics and Economics	4	20
And either			

EC419	Dissertation in Economics	4	20
Or			
L2499	Dissertation in Politics	4	20

Optional Modules

Students will take an additional 80 credits chosen from the optional Politics modules in Regulation 78) (See Humanities and Social Sciences Regulations) and optional Economics modules in the 2020/21 BA Business Regulations, Regulation No 12800.UG.78.

Progress

9. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

12. **BA with Honours in Philosophy, Politics and Economics:** In order to qualify for the award of the degree of BA with Honours in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **BA with Honours in Philosophy, Politics and Economics with International Study:** In order to qualify for the award of the degree of BA with Honours in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include at least one semester at a partner institution abroad.

14. **BA in Philosophy, Politics and Economics:** In order to qualify for the award of the degree of BA in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level,

15. **BA in Philosophy, Politics and Economics with International Study:** In order to qualify for the award of the degree of BA in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; and must include at least one semester at a partner institution abroad.

16. **Diploma of Higher Education in Philosophy, Politics and Economics:** In order to qualify for the award of a Diploma of Higher Education in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education in Philosophy, Politics and Economics:** In order to qualify for the award of a Certificate of Higher Education in Philosophy, Politics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES & SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LLB (Clinical)

Bachelor of Laws (Clinical) with Honours
Bachelor of Laws (Clinical)
Bachelor of Laws
Diploma of Higher Education in Law (Clinical)
Diploma of Higher Education in Law
Certificate of Higher Education in Law

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

Status of the Programmes
Students may be admitted in the first instance to the LLB or LLB with Honours degree, or may apply directly for the LLB (Clinical) degree or LLB (Clinical) with Honours degree. In all cases, acceptance into the LLB (Clinical) or LLB (Clinical) with Honours is subject to satisfactory performance (criteria for which will be determined in advance by the Programme Director and set out in the Clinical LLB programme Handbook for the relevant year). Commencement of, or transfer onto the LLB (Clinical) or LLB (Clinical) with Honours occurs before the end of semester two of any year of study.

Mode of Study
1. The undergraduate LLB (Clinical) programmes are available by full-time study only, and the graduate entry LLB (Clinical) programmes are available by full-time or part-time study.

Credit Transfer and Exemption
2. Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, shall apply.

Curriculum
3. **First Year** – All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M7105	Constitutional Law	1	20
M7103	Legal Processes and Systems	1	20
M9113	Law and Society	1	20
M7102	Law of Obligations 1	1	20
M7104	Law of Persons	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M9212	European Union Law	2	20
M7202	Law of Obligations 2	2	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20
M7203	Law of Property	2	20

Optional Modules
20 credits chosen from the optional modules listed in Regulation 4 in LLB Law or from other modules as may be approved by the Programme Director, including:

Module Code	Module Title	Level	Credits
M9344	Clinical Legal Practice	3	20
M9345	Ethics and Justice	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

100 credits chosen from the optional modules listed in Regulation 5 in LLB Law or other modules as may be approved by the Programme Director, including:

Module Code	Module Title	Level	Credits
M9344	Clinical Legal Practice	3	20
M9345	Ethics and Justice	3	20

M9344 Clinical Legal Practice and M9345 Ethics and Justice can not be chosen if already completed in a previous year.
Not all optional modules will be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M9498	Dissertation	4	40

Optional Modules

80 credits chosen the optional modules listed in Regulation 6 in LLB Law or other modules as may be approved by the Programme Director, including:

Module Code	Module Title	Level	Credits
M9344	Clinical Legal Practice	3	20
M9499	Ethics and Justice	4	20

M9344 Clinical Legal Practice, and M9499 Ethics and Justice can not be chosen if already completed in a previous year.
Not all optional modules will be available in each academic year.

Progress

7. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Award

10. **LLB (Clinical) with Honours**: In order to qualify for the award of the degree of LLB (Clinical) with Honours, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice and M9345 or M9499 Ethics and Justice.

11. **LLB (Clinical)**: In order to qualify for the award of the degree of LLB (Clinical), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice, and M9345 or M9499 Ethics and Justice.

12. **LLB**: In order to qualify for the award of the degree of LLB, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

13. **Diploma of Higher Education in Law (Clinical)**: In order to qualify for the award of the Diploma of Higher Education in Law (Clinical), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice, and M9345 Ethics and Justice.

14. **Diploma of Higher Education in Law:** In order to qualify for the award of a Diploma of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

15. **Certificate of Higher Education in Law:** In order to qualify for the award of a Certificate of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Transfer

16. A candidate who satisfies the progress or award requirements may be transferred from the degree of LLB to the degree of LLB (Clinical), or from the degree of LLB with Honours to the degree of LLB with Honours (Clinical). 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 between the LLB (Clinical) and the LLB or between the LLB (Clinical) with Honours and the LLB with Honours is possible at any time subject to satisfying the appropriate progress requirements.

Students Admitted to the programme with Advanced Standing Credit Transfer and Recognised Prior Learning

17. Students holding appropriate qualifications may be admitted with advanced standing to the second year of the programme to reflect their previous degree or degree equivalent. Such students may be awarded credit transfer or RPL amounting to a maximum of 80 credits.

Curriculum (Full-time Study, Graduate Entry, Clinical)

18. **First Year** - The first year curriculum is not taught as part of this degree programme.

19. **Second Year** – All students shall normally undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M9113	Law and Society	1	20
M7105	Constitutional Law	1	20
M7103	Legal Processes and Systems	1	20
M7102	Law of Obligations 1	1	20
M7104	Law of Persons	1	20
M7203	Law of Property	2	20

20. **Third Year** – All students shall normally undertake modules amounting to 160 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20
M9344	Clinical Legal Practice	3	20
M9212	European Union Law	2	20
M9345	Ethics and Justice	3	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20
M7202	Law of Obligations 2	2	20

Optional Modules
20 credits chosen from the optional modules listed in Regulation 5 in LLB Law.

21. **Fourth Year** – See Regulation 6 above.

Progress
22. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

23. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Award
24. **LLB (Clinical) with Honours:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum including 40 credits from M9344 Clinical Legal Practice, and M9345 Ethics and Justice. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include 120 credits at Level 4.

25. **LLB (Clinical):** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum including those for all the compulsory modules and 40 credits from M9344 Clinical Legal Practice, and M9345 Ethics and Justice.

26. **LLB**: In order to qualify for the award of the degree of LLB, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

27. **Diploma of Higher Education in Law (Clinical)**: In order to qualify for the award of the Diploma of Higher Education in Law (Clinical), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice, and M9345 Ethics and Justice.

28. **Diploma of Higher Education in Law:** In order to qualify for the award of a Diploma of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

29. **Certificate of Higher Education in Law:** In order to qualify for the award of a Certificate of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Transfer

30. A candidate who satisfies the progress or award requirements may be transferred from the degree of LLB to the degree of LLB (Clinical), or from the degree of LLB with Honours to the degree of LLB with Honours (Clinical). 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 between the LLB (Clinical) and the LLB or between the LLB (Clinical) with Honours and the LLB with Honours is possible at any time subject to satisfying the appropriate progress requirements.

Curriculum (Part-time study, Graduate Entry, LLB Clinical)

31. **Second Year** - Students holding appropriate qualifications may be admitted with advanced standing to the second year of the programme to reflect their previous degree or degree equivalent. Such students may be awarded credit transfer or Recognition of Prior Learning (RPL) amounting to a maximum of 80 credits. All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M9113	Law and Society	1	20
M7103	Legal Processes and Systems	1	20
M7102	Law of Obligations 1	1	20

32. **Third Year** – All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7105	Constitutional Law	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M7104	Law of Persons	1	20
M9209	Commercial Law	2	20

33. **Fourth Year** – All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20

Optional Modules
20 credits chosen from the optional modules listed in Regulation 5 in LLB Law, or other modules as may be approved by the Programme Director, including:

Module Code	Module Title	Level	Credits
M9344	Clinical Legal Practice	3	20
M9345	Ethics and Justice	3	20

34. **Fifth Year** – All part-time students shall normally undertake modules amounting to 60 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

40 credits chosen from the optional modules listed in Regulation 6 in LLB Law, or other modules as may be approved by the Programme Director, including:

Module Code	Module Title	Level	Credits
M9344	Clinical Legal Practice	3	20
M9499	Ethics and Justice	4	20

M9344 Clinical Legal Practice, and M9499 Ethics and Justice can not be chosen if already completed in a previous year.

Progress
35. In order to progress to the third year of the programme, a student must normally have accumulated at least 60 credits from the programme curriculum, including those for any compulsory modules.

36. In order to progress to the fourth year of the programme, a student must normally have accumulated at least 140 credits from the programme curriculum, including those for any compulsory modules.

37. In order to progress to the fifth year of the programme, a student must normally have accumulated at least 220 credits from the programme curriculum, including those for any compulsory modules.

Award

38. **LLB (Clinical):** In order to qualify for the award of the degree of LLB (Clinical), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice, and M9345 or M9499 Ethics and Justice.

39. **LLB:** In order to qualify for the award of the degree of LLB, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

40. **Diploma of Higher Education in Law (Clinical):** In order to qualify for the award of a Diploma of Higher Education in Law (Clinical), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include 40 credits from M9344 Clinical Legal Practice, and M9345 Ethics and Justice.

41. **Diploma of Higher Education in Law:** In order to qualify for the award of a Diploma of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

42. **Certificate of Higher Education in Law:** In order to qualify for the award of a Certificate of Higher Education in Law, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Transfer

43. A student who has qualified for the LLB (Clinical) and who meets the requirements of Regulation 18 may apply to transfer to the full-time LLB (Clinical) Honours degree programme.

44. A candidate who satisfies the progress or award requirements may be transferred from the degree of LLB to the degree of LLB (Clinical), or from the degree of LLB with Honours to the degree of LLB with Honours (Clinical). 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 between the LLB (Clinical) and the LLB or between the LLB (Clinical) with Honours and the LLB with Honours is possible at any time subject to satisfying the appropriate progress requirements.

FACULTY OF HUMANITIES & SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LAW WITH A MODERN LANGUAGE

Bachelor of Laws with Honours in Law with a Modern Language
Bachelor of Laws 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

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

Mode of Study

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

Place of Study

2. The LLB with Honours in Law with a Modern Language includes a year of study at an approved European University.

Curriculum

3. **First Year** – All students shall undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7102	Law of Obligations 1	1	20
M9113	Law and Society	1	20
M7103	Legal Processes and Systems	1	20
M7104	Law of Persons	1	20
M7105	Constitutional Law	1	20
And 40 credits in the chosen Modern Language below (i.e. a pair comprising 1A + 1B)			
R1107	French 1A	1	20
R1108	French 1B	1	20
R4107	Spanish 1A	1	20
R4108	Spanish 1B	1	20

4. **Second Year** – All students shall undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20
M7202	Law of Obligations 2	2	20
M9212	European Union Law	2	20
And 40 credits in the chosen Modern Language below (i.e. a pair comprising 2A + 2B)			
R1203	French Language 2A	2	20
R1204	French Language 2B	2	20
R4206	Spanish Language 2A	2	20
R4207	Spanish Language 2B	2	20

5. **Third Year** – All students shall undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7203	Law of Property	2	20
M7301	Third Year Reflective Project	3	20
And 40 credits in the chosen Modern Language below			
R1305	French Language 3A	3	20
R1306	French Language 3B	3	20
Or			
R4308	Spanish Language 3A	3	20
R4309	Spanish Language 3B	3	20

Optional Modules
20 credits from the optional Modern Language modules below

Module Code	Module Title	Level	Credits
R1315	French Culture and History 3	3	20
R1308	Writing the Body in French and Francophone Contemporary Literature	3	20

R1399	France at War, 1870-1962	3	20
R1396	Black France	3	20
R4373	The Struggle for Modernity in Spain and Latin America	3	20
R4303	What Are You Looking At!? – Visual Culture in Spain	3	20
R4302	Latin America Through Indigenous Eyes	3	20

And 40 credits from the optional Law modules chosen from the List in Regulation 5 in LLB Law.

6. **Fourth Year** – All students shall undertake an approved curriculum of study at a European University.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M9498	Dissertation	4	40
And 40 credits in the chosen Modern Language below			
R1509	French Honours Spoken Language	4	20
R1510	French Honours Written Language	4	20
Or			
R4501	Spanish Honours Spoken Language	4	20
R4502	Spanish Honours Written Language	4	20
And 40 credits from optional Law modules chosen from the list in Regulation 6 in LLB Law or such other modules as may be approved by the Programme Director.			

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

12. **LLB with Honours in Law with a Modern Language:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum including those for all fifth year modules.

13. **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.

14. **LLB Law with a Modern Language:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum including those for all the compulsory modules.

15. **Diploma of Higher Education in Law with a Modern Language:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum.

16. **Certificate of Higher Education in Law with a Modern Language:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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 programme curriculum including credits in both Law and Language modules.

17. **Certificate of Higher Education in Law**: In order to qualify for a Certificate of Higher Education in Law, a candidate must have accumulated 120 credits with at least 100 credits at Level 1.

FACULTY OF HUMANITIES & SOCIAL SCIENCES

STRATHCLYDE LAW SCHOOL

LLB LAW

Bachelor of Laws with Honours
Bachelor of Laws
Diploma of Higher Education in Law
Certificate of Higher Education in Law

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

Mode of Study

1. The programmes are available by full-time and part-time study to Ordinary degree level and by full-time study only at Honours degree level.

Credit Transfer and Exemption

2. Students with appropriate qualifications may be admitted with advanced standing in which case their curriculum shall be modified (see Regulation 29-31 and 33-36).

Curriculum (Full-time Study)

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M7102	Law of Obligations 1	1	20
M7103	Legal Processes and Systems	1	20
M7104	Law of Persons	1	20
M7105	Constitutional Law	1	20
M9113	Law and Society	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M7201	Administrative Law and Fundamental Rights	2	20

M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9209	Commercial Law	2	20
M9212	European Union Law	2	20

Optional Modules
20 credits chosen from:

Module Code	Module Title	Level	Credits
M7207	Crime and Punishment	2	20
M7208	An Introduction to Environmental Law	2	20
M7209	Law, Film and Popular Culture	2	20
M7210	Banking Law and Finance	2	20
M7211	Public International Law	2	20
M7212	Human Rights Law	2	20
M7214	Employment Law	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

100 credits chosen from:

Module Code	Module Title	Level	Credits
M7302	An Introduction to Environmental Law	3	20
M7303	Law and the Challenges of Artificial Intelligence	3	20
M9305	Law, Film and Popular Culture	3	20
M9307	Crime and Punishment	3	20
M9308	Human Rights Law	3	20

M9309	Employment Law	3	20
M9311	Banking Law and Finance	3	20
M9312	Legal Theory	3	20
M9313	Housing Law	3	20
M9314	Intellectual Property Law	3	20
M9316	International Private Law	3	20
M9317	Public International Law	3	20
M9318	Competition Law	3	20
M9319	Discrimination and the Law	3	20
M9310	Planning Law	3	20
M9345	Ethics and Justice *	3	20
M9352	Internet Law	3	20
M9361	Sports Law	3	20
M9362	Roman Law	3	20
M9365	Scottish Land Law	3	20
M9366	Legal learning in a work based environment	3	20

***** Can only be taken by students working in the Law Clinic or approved work placement / experience.
Not all optional modules on this list will be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
M9498	Dissertation	4	40

Optional Modules

80 credits chosen from:

Module Code	Module Title	Level	Credits
M7403	Law in the Context of Contemporary Culture	4	20
M7404	Consumer Law and Policy	4	20

M7406	Mixed Civil/Common Law Jurisdictions	4	20
M7407	Coding for Lawyers and Legal Application	4	20
M9404	Issues in Intellectual Property	4	20
M9407	Law, Persons and Property	4	20
M9408	European Union Law	4	20
M9409	Criminology	4	20
M9410	Public international Law	4	20
M9411	Labour Law	4	20
M9412	Law of Business Associations	4	20
M9414	Mediation	4	20
M9416	Issues in Healthcare Law and Ethics	4	20
M9417	Legal Aspects of International Trade	4	20
M9418	Law of Competition	4	20
M9419	Criminal Law	4	20
M9421	The Governance of Human Enhancement Technologies	4	20
M9424	Human Rights Law in Theory and Practice	4	20
M9427	Legal Theory	4	20
M9428	Legislation	4	20
M9429	Administrative Law	4	20
M9433	Constitutional Law	4	20
M9437	Internet Law	4	20
M9438	English Law of Evidence	4	20
M9439	Global Health, Rights and Development	4	20
M9442	Terrorism and the Law	4	20
M9446	Environmental Law	4	20
M9452	Family Law	4	20
M9456	Law, Justice and Society	4	20
M9461	Cybercrime	4	20

M9462	International Private Law	4	20
M9463	Regulating Work in a Global Economy	4	20
M9464	Global Environmental Justice	4	20
M9465	Miscarriages of Justice	4	20
M9466	Transitional Justice	4	20
M9467	Competition Law and the Digital Economy	4	20
M9468	Ethics, Professionalism and Justice	4	20
M9469	Gender and Armed Conflict: Women in War and Peace-building	4	20
M9471	Private Property and the Common Good	4	20
M9472	Property Law and the Built and Natural Environment	4	20
M9473	The Law of Leases	4	20
M9474	Genocide and Crimes Against Humanity	4	20
M9475	Law, Architecture, and Community	4	20
M9476	Competition Policy and Market Intervention: Comparison The East and West	4	20
M9499	Ethics and Justice *	4	20
M7409	Abortion Law	4	20
M7410	Contemporary Issues in Scots Private Law	4	20

***** Can only be taken by students working in the Law Clinic or approved work placement / experience.
Not all optional modules on this list will be available in each academic year.

Curriculum (Part-time study)

7. **First Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7013	Legal Processes and Systems	1	20
M7101	Criminal Law and Evidence	1	20
M7105	Constitutional Law	1	20
M9113	Law and Society	1	20

8. **Second Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7102	Law of Obligations 1	1	20
M7104	Law of Persons	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20

9. **Third Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7203	Law of Property	2	20
M9208	Law of Obligations 2	2	20
M9212	European Union Law	2	20

Optional Modules
20 credits chosen from the optional modules listed in Regulation 4

10. **Fourth Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

60 credits chosen from the optional modules listed in Regulation 5.

11. **Fifth Year** – All part-time students shall normally undertake modules amounting to 40 credits as follows:

Optional Modules

40 credits chosen from the modules listed in Regulation 5 above.

Curriculum (Part-time study accelerated from year 3)

Part-time students may apply for acceleration of their curriculum from year 3. Admission to the accelerated programme is based on specific criteria and is at the discretion of the Head of School / Programme Leader.

12. **Third Year** – Upon completion of year 2, part-time students considered for acceleration from year 3 shall normally undertake modules amounting to 100 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20

Optional Modules

40 credits chosen from the optional modules listed in Regulation 4

13. **Fourth Year** – Part-time students accelerating in year 3 shall normally undertake modules amounting to 100 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

80 credits chosen from the optional modules listed in Regulation 5.

Curriculum (Part-time study accelerated from year 4)

14. Part-time students may apply for acceleration of their curriculum from year 4. Admission to the accelerated programme is based on specific criteria and is at the discretion of the Head of School/Programme Leader.

15. **Fourth Year** – Part-time students accelerating in year 4 shall normally undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

100 credits chosen from the optional modules listed in Regulation 5.

Progress (Full-time Study)

16. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

19. In order to progress to the second year of the programme, a student must normally have accumulated at least 60 credits from the programme curriculum.

20. In order to progress to the third year of the programme, a student must normally have accumulated at least 140 credits from the programme curriculum including those for all the first year compulsory modules.

21. In order to progress to the fourth year of the programme, a student must normally have accumulated at least 220 credits from the programme curriculum.

22. In order to progress to the fifth year of the programme, a student must normally have accumulated at least 300 credits from the programme curriculum.

Transfer

23. A student who has qualified for the part-time LLB and who meets the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level may apply to transfer to the full-time LLB Honours degree programme.

Final Honours Classification

24. The final Honours classification will normally be based on performance in the first assessed attempt at compulsory and specified optional modules taken in the fourth year.

Award

25. **LLB with Honours**: In order to qualify for the award of the degree of LLB with Honours, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

26. **LLB:** In order to qualify for the award of the degree of LLB, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

27. **Diploma of Higher Education:** In order to qualify for the award of the Diploma of Higher Education in Law, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

28. **Certificate of Higher Education:** In order to qualify for the award of the Certificate of Higher Education in Law, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Credit Transfer and Recognised Prior Learning

29. Students holding appropriate qualifications may be admitted with advanced standing to the programme 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 30 and 31 and in the case of part-time students, the curriculum in Regulations 33 and 34.

Curriculum (Full-time Study, Graduate Entry)

30. **Second Year** - Students are admitted with advanced standing and are admitted direct to second year. All full-time students shall normally undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M7102	Law of Obligations 1	1	20
M9113	Law and Society	1	20
M7103	Legal Processes and Systems	1	20
M7104	Law of Persons	1	20
M7105	Constitutional Law	1	20
M7203	Law of Property	2	20

31. **Third Year** - All full-time students shall normally undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7201	Administrative Law and Fundamental Rights	2	20
M7202	Law of Obligations 2	2	20
M9209	Commercial Law	2	20
M9212	European Union Law	2	20
M7301	Third Year Reflective Project	3	20
And 40 credits chosen from the optional modules listed in Regulation 5			

Transfer

32. A student who has qualified for the LLB and who meets the requirements the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate

Degree Programme Level may apply to transfer to the full-time LLB Honours degree programme.

Curriculum (Part-time study, Graduate Entry)

33. **Second Year** - Students are admitted with advanced standing and are admitted direct to second year. All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7101	Criminal Law and Evidence	1	20
M7103	Legal Processes and Systems	1	20
M7105	Constitutional Law	1	20
M9113	Law and Society	1	20

34. **Third Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7102	Law of Obligations 1	1	20
M7104	Law of Persons	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20

35. **Fourth Year** - All part-time students shall normally undertake modules amounting to 80 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20

Optional Modules

20 credits chosen from the optional modules listed in Regulation 5

36. **Fifth Year** - All part-time students shall normally undertake modules amounting to 40 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20

Optional Modules

20 credits chosen from the optional modules listed in Regulation 5.

Curriculum (Part-time Study, accelerated from Year 3, Graduate Entry)

37. Part-time Graduate Entry students may apply for acceleration of their curriculum from year 3. Admission to the accelerated programme is based on specific criteria and is at the discretion of the Head of School / Programme Leader.

38. **Third Year** – Upon completion of year 2, part-time graduate entry students considered for acceleration from year 3 shall normally undertake modules amounting to 100 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7102	Law of Obligations 1	1	20
M7201	Administrative Law and Fundamental Rights	2	20
M9209	Commercial Law	2	20

Optional Modules

20 credits chosen from the optional modules listed in Regulation 5.

39. **Fourth Year** - All part-time graduate entry students accelerating from year 3 shall normally undertake modules amounting to 100 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7301	Third Year Reflective Project	3	20
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20

Optional Modules

20 credits chosen from the optional modules listed in Regulation 5.

Curriculum (Full-time Study, accelerated from Year 4, Graduate Entry)

40. Part-time Graduate Entry students may apply for acceleration of their curriculum to full time-study from year 4. Admission to the full-time study, accelerated from Year 4, graduate entry programme is based on specific criteria and is at the discretion of the Head of School / Programme Leader.

41. **Fourth Year** - All part-time graduate entry students accelerating from year 4 will transfer to the full-time study, accelerated from Year 4, graduate entry programme and shall normally undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
M7202	Law of Obligations 2	2	20
M7203	Law of Property	2	20
M9212	European Union Law	2	20
M7301	Third Year Reflective Project	3	20

Optional Modules

40 credits chosen from the optional modules listed in Regulation 5.

Progress (Full-time Study, Graduate Entry)

42. Students must have accumulated no fewer than 120 from the programme curriculum.

Progress (Part-time study, Graduate Entry)

43. In order to progress to the third year of the programme, a student must normally have accumulated at least 60 credits from the programme curriculum.

44. In order to progress to the fourth year of the programme, a student must normally have accumulated at least 140 credits from the programme curriculum.

45. In order to progress to the fifth year of the programme, a student must normally have accumulated at least 220 credits from the programme curriculum including those for any compulsory modules.

Transfer

46. A student who has qualified for the LLB and who meets the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level may apply to transfer to the full-time LLB Honours degree programme.

Award

47. **LLB:** Regulation 26 shall apply.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

PSYCHOLOGY AND COUNSELLING

Bachelor of Science with Honours in Psychology and Counselling
Bachelor of Science in Psychology and Counselling
Diploma of Higher Education in Humanities and Social Sciences
Certificate of Higher Education in Humanities and Social Sciences

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

Status of the Programmes

1. All students are normally admitted in the first instance as potential Honours students. Students may be admitted directly to Year 2 with advanced standing of 120 credits.

Mode of Study

2. The programme is available by full-time study only.

Place of Study

3. This programme may require study out with the University.

Curriculum

4. **First Year** - All students shall undertake programme amounting to 120 credits chosen from the curriculum of a programme delivered within the Faculty of Humanities and Social Sciences.

Compulsory Modules

Module Code	Module Title	Level	Credits
C8105	Psychology 1A	1	20
C8106	Psychology 1B	1	20

Optional Modules

2 x 40 credits paired (1A + 1B) modules from Regulation 17 (see Humanities and Social Sciences Regulations).

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B9200	Introduction to Mental Health Difficulties	2	20
B9201	Positive and Humanistic Psychology	2	20

B9202	Theories of Counselling / Psychotherapy	2	20
C8201	Cognition and Neuropsychology	2	20
C8202	Social and Health Psychology	2	20
C8203	Introduction to Research Design and Analysis	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B9300	Counselling Skills Laboratory	3	20
B9301	Personal Development	3	20
B9302	Person-Centred Theory	3	20
C8321	Research Methods and Data Analysis	3	20
C8303	Individual Differences	3	20
C8307	Social Psychology	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B9401*	Listening Skills Placement	4	20
C8433	Honours Cognition	4	20
C8428	Honours Development	4	20
C8249	Honours Psychobiology	4	20
C8426	Dissertation in Psychology	4	40

* A candidate who has not met the 85% attendance requirement and passed the assessment for B9300: Counselling Skills Laboratory, shall not normally be allowed to undertake B9401 Listening Skills Placement module. They shall instead choose 2 x 10 credit modules from the list of optional modules in Regulation 83 (see BA Humanities and Social Sciences Regulations).

Progress

8. In order to progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. In order to progress to the third year of the programme, a student must have accumulated at least 240 credits from the programme curriculum.

10. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Honours Classification

11. A candidate who has not submitted the dissertation in the prescribed form by the agreed deadline as specified by the Department of Psychological Sciences and Health may not be eligible to enter the Final Honours Examination.

12. The final Honours classification will normally be based on the first assessed attempt at compulsory modules taken in the fourth year and, as appropriate, in the third year.

Award

13. **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 programme curriculum.

14. **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 programme curriculum.

15. **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.

16. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Humanities and Social Sciences, a candidate must have accumulated no fewer than 120 credits.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

PSYCHOLOGY

Bachelor of Science with Honours in Psychology
Bachelor of Science in Psychology

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

Status of the Programmes

1. 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.

2. Admission to the degree will normally be limited to those students who have passed the designated programme offered by the International Medical University. Such students shall be awarded credit transfer or recognition of prior learning (RPL) amounting to 240 credits. All students are admitted in the first instance as potential Honours students. All third and fourth year modules are taught and examined at the University of Strathclyde.

Mode of Study

3. The programme is available by full-time study only.

Curriculum

4. **First and Second Years** - The first and second year curricula are not taught as part of the programme.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
C8321	Research Methods and Data Analysis	3	20
C8303	Individual Differences	3	20
C8304	Cognition	3	20
C8305	Development	3	20
C8306	Psychobiology	3	20
C8307	Social Psychology	3	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
C8426	Dissertation in Psychology	4	40

Optional Modules

80 credits chosen from the list of optional modules in Regulation 83 (see Humanities and Social Sciences Regulations).

Progress

7. In order to progress to the final year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. 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 Programme Handbook.

8. In accordance with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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.

9. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules taken in the fourth year and, as appropriate, in the third year.

Award

10. **BSc with Honours:** In order to qualify for the award of the BSc with Honours in Psychology, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **BSc:** In order to qualify for the award of the BSc in Psychology, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

SPEECH AND LANGUAGE PATHOLOGY

Bachelor of Science with Honours in Speech and Language Pathology
Bachelor of Science in Human Communication Studies
Diploma of Higher Education in Human Communication Studies
Certificate of Higher Education in Human Communication Studies

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study
2. The programme involves placements and lectures out with the University campus for which students must be a member of the PVG (Protecting Vulnerable Groups) Scheme or, if already a member, must apply for an update.

3. **Duration of Study**
The maximum period of study is six years (72 months), as required by the curriculum guidance of the Royal College of Speech and Language Therapists (RCSLT), the professional body.

Curriculum

First Year
4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B6116	Clinical and Professional Capabilities 1	1	20
B6117	Linguistics 1: Introduction to Language and Communication	1	20
B6118	Clinical Phonetics and Phonology	1	20
B6119	Anatomy and Physiology for Speech and Language Pathology 2	1	10
B6120	Engaging with Higher Education	1	20
C8107	Introduction to Psychology	1	20
BE106	Anatomy and Physiology for Speech and Language Pathology 1	1	10

Second Year
5. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B6229	Neurology and Paediatrics	2	10
B6230	Audiology & ENT	2	10
B6231	SLP1 Developmental Speech Disorders	2	20
B6232	SLP2 Developmental and Acquired Language Disorders	2	20
B6233	SLP3 Neurodevelopmental Disorders	2	20
B6234	Clinical and Professional Capabilities 2	2	20
B6235	Linguistics 2: Clinical Phonetics and Linguistics	2	20

Third Year

6. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B6340	Linguistics 3: Sociolinguistics, Multilingualism and Speech Acoustics	3	20
C8203	Introduction to Research Design and Analysis	2	20
B6344	Clinical and Professional Capabilities 3	3	20
B6345	SLP4 Fluency, Voice and Oncology	3	20
B6346	SLP5 Dysphagia and Dementia	3	20
B6347	SLP6 Acquired Motor Speech Disorders and AAC	3	20

7. A student who fails only B6344 Clinical and Professional Capabilities 3 at the first attempt can opt to take an alternative form of re-assessment at the second attempt, as per the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. The nature of this re-assessment can be found in the Programme Handbook. These students should also refer to Reg 18.

Fourth Year

8. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
B6444	Research Investigation 1	4	20
B6445	Research Investigation 2	4	20
B6441	Advanced Study Option	4	20
B6404	Clinical and Professional Capabilities 4	4	20

B6405	Clinical and Professional Capabilities 5*	4	20
And			
B6409	Impact Project/Placement with a chosen client group*	4	20
Or			
SF105	Multi-disciplinary Perspectives of Sustainable Development	1	20

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

Module Code	Module Title	Level	Credits
EX411	External Study	4	40

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

9. In order to progress to the second year of the programme students need to receive credits for B6116, also see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the third year of the programme students need to receive credits for B6234, also, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including a pass for B6344 Clinical and Professional Capabilities 3 only where an alternative form of assessment has not been taken see Regulation 6.

Final Honours Classification

12. The final Honours Classification will be based on:

    i. the first assessed attempt at compulsory modules taken in fourth year, together with the first assessed attempt at B6405 Clinical and Professional Capabilities 5 and B6409 Impact Project/Placement with a chosen client group, if taken; and
    ii. the first assessed attempt at compulsory modules taken in third year, with the exception of C8203 Introduction to Research Design and Analysis.

Award

13. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **BSc with Honours and Distinction in Clinical Theory**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, alongside grades >70 in B6344 Clinical and Professional Capabilities 3 and B6404 Clinical and Professional Capabilities 4.

15. **BSc with Honours and Merit in Clinical Theory**: In order to qualify for the award of the degree of BSc with Honours in Speech and Language Pathology, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree

Programme Level shall apply, alongside grades >60 in in B6344 Clinical and Professional Capabilities 3 and B6404 Clinical and Professional Capabilities 4.

16. **BSc**: In order to qualify for the award of the degree of BSc in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Human Communication Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

19. Students who fail B6344 Clinical and Professional Capabilities 3 at their first attempt and opt to take an alternative form of re-assessment at the second attempt, will not be permitted to progress to fourth year of BSc Speech and Language Pathology, and will be transferred to the non-practising degree of BSc Human Communication Studies.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF PSYCHOLOGICAL SCIENCES AND HEALTH

SPORT AND PHYSICAL ACTIVITY

Bachelor of Science with Honours in Sport and Physical Activity
Bachelor of Science in Sport and Physical Activity
Diploma of Higher Education in Sport and Physical Activity
Certificate of Higher Education in Sport and Physical Activity

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

Place of Study

1. The programmes involve placements out with the University campuses for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B1141	Sport in its Social, Historical and Cultural Context 1	1	20
B1124	Foundations of Physical Activity for Health	1	20
B1125	Foundations of Sport and Physical Activity Psychology	1	20
B1110	Introduction to Human Physiology and Nutrition	1	20
B1111	Introduction to Research in Sport and Physical Activity	1	20
B1128	Sports Practice 1	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B1221	Coaching Practice and Sport Development	2	20
B1222	Key Concepts in Sport and Physical Activity Psychology	2	20
B1224	Physical Activity for Health, Fitness and Wellbeing	2	20
B1225	Physiology of Aerobic Exercise	2	20
B1226	Sports Practice 2	2	20

C8203	Introduction to Research Design and Analysis	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B1310	Placement and Professional Development	3	20
C8321	Research Methods and Data Analysis	3	20
B1372	Data Analytics in Sport, Physical Activity and Health	3	20

Optional Modules*

60 credits from the list below:

Module Code	Module Title	Level	Credits
B1311	Advanced Topics in Physical Activity	3	20
B1347	Strength and Conditioning for Sporting Performance and Health	3	20
B1447	Biomechanics of Human Movement	4	20
B1449	Nutrition for Health and Exercise	4	20
	Elective Module(s)**		20

*Not all optional modules on this list will be available in each academic year.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
B1405	Dissertation	4	40
B1455	Dissertation Research Skills	4	20

Optional Modules*

60 credits chosen from:

Module Code	Module Title	Level	Credits
B1311	Advanced Topics in Physical Activity	3	20
B1408	Practical Project in Physical Activity	4	20
B1446	Physical Education in Schools	4	20

B1481	Public Health Interventions: Development and Decision-Making	4	20
B1451	Physical Activity with Special Populations	4	20
BE405	Sports Injury and Rehabilitation	4	20
	Elective Module(s)**		20

*Not all optional modules on this list will be available in each academic year.
** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level students should take no more than a total of 20 credits of elective modules.

Curriculum (Part-time study)

6. Part-time students will normally take modules amounting to 60 credits in each year of study.

Progress

7. In order to progress to the second year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including all modules that are prerequisites for specific second year modules.

8. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply including all modules that are prerequisites for compulsory third year modules.

9. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Progress (Part-time study)

10. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

11. **BSc with Honours:** In order to qualify for the award of the degree of BSc with Honours in Sport and Physical Activity, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **BSc:** In order to qualify for the award of the degree of BSc in Sport and Physical Activity, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Sport and Physical Activity, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Sport and Physical Activity, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

EDUCATION AND SOCIAL SERVICES

Bachelor of Arts with Honours in Education and Social Services
Bachelor of Arts in Education and Social Services
Diploma of Higher Education in Education and Social Services

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

Admission

1. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, admission to the programme 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.

2. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, 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.

Status of the Programmes

3. 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.

Credit Transfer and Recognition of Prior Learning (RPL)

4. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Mode of Study

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

Place of Study

6. The second year of the programme is taught at either Glasgow Kelvin College, Glasgow Clyde College, South Lanarkshire College, or City of Glasgow College. Students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

7. **First Year** - The first year is not taught as part of the programme.

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

Compulsory Modules

For students studying at South Lanarkshire College

Module Code	Module Title	Level	Credits

LN205	The Societal Context of Professional Working	2	20
LN201	Introduction to Integrated Services	2	20
LN202	How People Develop and Learn	2	20
LN203	Workplace Learning and Practice 1	2	20
LN206	Being Professional: Working Collaboratively	2	20
L5203	Academic Literacy	2	20

For students studying at City of Glasgow College

Module Code	Module Title	Level	Credits
CC260	The Societal Context of Professional Working	2	20
CC258	Introduction to Integrated Services	2	20
CC257	How People Develop and Learn	2	20
CC261	Workplace Learning and Practice 1	2	20
CC259	Being Professional: Working Collaboratively	2	20
L5203	Academic Literacy	2	20

For students studying at Glasgow Kelvin College

Module Code	Module Title	Level	Credits
GK204	The Societal Context of Professional Working	2	20
GK203	Introduction to Integrated Services	2	20
GK202	How People Develop and Learn	2	20
GK205	Workplace Learning and Practice 1	2	20
GK201	Being Professional: Working Collaboratively	2	20
L5203	Academic Literacy	2	20

For students studying at Glasgow Clyde College

Module Code	Module Title	Level	Credits

LC253	The Societal Context of Professional Working	2	20
LC254	Introduction to Integrated Services	2	20
LC255	How People Develop and Learn	2	20
LC256	Workplace Learning and Practice 1	2	20
LC251	Being Professional: Working Collaboratively	2	20
L5203	Academic Literacy	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L5317	Context, Policy and Joint Working	3	20
L5318	Management and Leadership	3	20
L5319	Understanding How People Behave	3	20
L5320	Workplace Learning and Practice 2	3	20
L5322	Research Methods *	3	20
L5323	The Education of Looked After Children	3	20

Such other level 3 modules as may be approved by the Programme Director.
* L5322 is required for those students wishing to enter Honours.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L5411	Workplace Learning and Practice 3	4	40
L5412	Personal and Professional Development	4	20
L5413	Specialist Pathway	4	20
L5414	Professional Enquiry and Evidence Informed Practice - Dissertation	4	40

Progress

11. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. Students must have 240 credits or equivalent.

12. In order to progress to fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

13. **BA (Honours):** In order to qualify for the award of the BA (Honours) in Education and Social Services, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **BA:** In order to qualify for the award of the degree of BA in Education and Social Services, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Education and Social Services, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORK AND SOCIAL POLICY

SOCIAL WORK

Bachelor of Arts with Honours in Social Work
Bachelor of Arts in Applied Social Studies
Diploma of Higher Education in Applied Social Studies
Certificate of Higher Education in Applied Social Studies

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

Status of the Degree

1. 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.

Mode of Study

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

Place of Study

3. The programmes involve placements in social work agencies for which students must be a member of the Protecting Vulnerable Groups (PVG) Scheme or, if already a member, must apply for an update.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
S1100	Preparing for Lifelong Learning	1	20
S1101	Psychology for Social Work	1	20
L5110	Values, Ethics and Justice	1	20
L5115	Understanding Social Science and Social Research	1	20
L5116	Poverty, Disadvantage and Discrimination	1	20
L5119	Individuals, Communities and Society	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
S1204	Social Work Organisation and Collaborative Practice	2	20
S1200	Social Work Processes and Practice	2	20
S1202	Social Work in Diverse Contexts	2	20
S1201	Law for Social Work Practice	2	20
S1203	Understanding Risk and Protection	2	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
L5334 *	Practice Learning 1: Organisational Context	3	20
L5333 *	Practice Learning 1: Social Work Practice	3	40
S1300	Social Work in a Global Context	3	20
L5312	Social Work Approaches and Methods	3	20
S1301	Social Research and Social Work	3	20

***** Students who do not pass these modules and are unable to progress to Year 4, are able to select 60 credits from other modules as approved by Programme Director and graduate with a BA in Applied Social Studies

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

Compulsory Modules

Module Code	Module Title	Level	Credits
S1402	Practice Learning 2: Presentation to Resource Panel	4	20
L5422	Practice Learning 2: Social Work Practice	4	40
S1401	Honours Dissertation	4	40
S1400	Preparing for Professional Practice: Ready and Radical	4	20

Progress

8. Compensated passes are not permitted on any module

9. In order to progress to the second year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in order to progress to the third year of the programme, a student must pass all compulsory modules including S1204 Social Work Processes and Practice and have accumulated 240 credits.

11. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, shall apply. shall apply.

12. Progression at all stages on the Honours programme, for Social Work is dependent on students maintaining registration with the Scottish Social Services Council.

Award

13. **BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Social Work, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; students must pass all compulsory modules.

14. **BA:** In order to qualify for the award of the BA in Applied Social Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Applied Social Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Social Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

APPLIED BUSINESS SKILLS

Certificate in Applied Business Skills (Breaking Barriers)

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

Status of the Programme

1. All students are admitted to the Certificate via a selection process in partnership with ENABLE Scotland.

Duration of Study

2. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, the programme can be undertaken on a minimum duration of 6 months, maximum 12 months.

Mode of Study

3. The programme is available on campus over an 8-week teaching block.

Curriculum
First Year

4. All students shall undertake module(s) amounting to 20 credits as follows:

Compulsory Module(s)

Module Code	Module Title	SCQF	Credits
BF126	Business Studies with ENABLE Scotland	6	20

Award

5. **Certificate**: In order to qualify for the award of the Certificate in Applied Business Skills (Breaking Barriers), a candidate must have accumulated no fewer than 20 credits from the course curriculum.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

APPLIED BUSINESS SKILLS

Certificate in Applied Business Skills (Forming Futures)

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

Status of the Programme

1. All students are admitted to the Certificate via a selection process in partnership with The Wise Group.

Duration of Study

2. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, the programme can be undertaken on a minimum duration of 6 months, maximum 12 months.

Mode of Study

3. The programme is available on campus over a 10-week teaching block.

Curriculum

First Year

4. All students shall undertake module(s) amounting to 20 credits as follows:

Compulsory Module(s)

Module Code	Module Title	SCQF	Credits
BF1XX	Business Skills with The Wise Group	6	20

Award

5. **Certificate**: In order to qualify for the award of the Certificate in Applied Business Skills (Forming Futures), a candidate must have accumulated no fewer than 20 credits from the programme curriculum.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BACHELOR OF ARTS WITH HONOURS IN (NAMED SUBJECT)
BACHELOR OF ARTS IN (NAMED SUBJECT)

Bachelor of Arts with Honours in (Named Subject)
Bachelor of Arts in (Named Subject)

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

Admission

1. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, applicants shall possess a qualification equivalent to SCQF Level 8 in an approved Principal Subject

2. Applicants are applying for Advanced Entry to the third year of an Honours Degree and will need to evidence relevant certificated learning equivalent to 240 credits but will not be required to make a formal claim for RPL.

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

4. This programme is open to applicants via an approved international articulation route only.

Duration of study

5. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of study

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

Place of study

7. In accordance with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, some off-campus work may be required.

Programme Structure

Bachelor Degree

8. Prior to the start of the degree students are required to choose an Honours pathway from the following Named Subjects:

Accounting	See Regulation 19
Business Analysis and Technology	See Regulation 20
Business Enterprise	See Regulation 21
Economics	See Regulation 22
Finance	See Regulation 23
Hospitality and Tourism Management	See Regulation 24
Human Resource Management	See Regulation 25
Marketing	See Regulation 26

9. An Honours Subject shall comprise modules amounting to no fewer than 80 credits (40 at

Level 2 and 40 at Level 3).

10. The Level 2 credits in the Honours Subject shall be confirmed prior to admission via qualification mapping undertaken by the Faculty in conjunction with the relevant Department.

Curriculum

Year 3

11. All students shall undertake an approved curriculum of 120 credits per year as per the relevant Honours Subject noted in Regulation 8 and the following modules:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF306	International Management Development Programme	3	20
OR			
BF204	Leadership Development Programme	2	20

12. Students must take a minimum of 60 credits at Level 3, as per the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Year 4

13. All students shall undertake an approved curriculum of 120 credits per year as per the relevant Honours Subject noted in Regulation 8.

Progress

14. In order to progress to fourth year a student must have successfully accumulated at least 120 credits from the programme curriculum, 20 of which must have been awarded from either BF306 International Management Development Programme or BF204 Leadership Development Programme.

Final Honours Classification

15. The final award will be based on the student's performance in their assessments.

Award

16. **Degree of BA with Honours**: In order to qualify for the degree of BA with Honours in (Named Subject), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **BA:** In order to qualify for the award of the degree of BA, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

18. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level transfer to any other Strathclyde Business School programme is prohibited.

Honours Subject Requirements

19. Accounting

Compulsory Modules

Module Code	Module Title	Level	Credits
AG308	Auditing and Assurance	3	10
AG309	Governance and Accounting	3	10
AG310	Contemporary Management Accounting	3	10
AG311	Advanced Financial Reporting	3	10
AG435	Accounting Dissertation	4	40

Optional Modules

Along with 60 credits from the list below in Year 3 and 80 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected in Year 3 only.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
MS311	Knowledge and Innovation Management	3	20

MS361	Understanding and Optimizing Business Systems	3	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
AG409	Sustainability Accounting: Theory and Practice	4	20
AG415	Contemporary Issues in International Financial Reporting	4	20
AG416	Management Accounting Theory and Practice	4	20
AG419	Accounting and Risk	4	20
AG420	Auditing Theory and Practice	4	20
AG424	Accounting Theories	4	20
AG438	Understanding 21st Century Accounting Technologies and Institutional Structure	4	20

20. Business Analysis and Technology

Compulsory Modules

Module Code	Module Title	Level	Credits
MS311	Knowledge & Innovation Management	3	20
MS361	Understanding & Optimising Business Systems	3	20
MS428	Business Analytics in Practice	4	20
MS424	Dissertation in Business Analysis and Technology	4	40

Optional Modules

Along with 60 credits from the list below in Year 3 and 60 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected in Year 3 only.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20

EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
MS416	Business Analytics using Data Mining	4	20
MS429	Project Management	4	20
MS422	Risk Analysis and Management	4	20
MS426	Contemporary Business Technology	4	20

21. Business Enterprise

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1314	Entrepreneurial Capital	3	20
Z1315	Venture Management Strategy and Growth	3	20
Z1411	Enterprise Policy for 21st century challenges	4	20
Z1413	Strategy making for Social impact	4	20
Z1403	Issues and Trends in Entrepreneurship	4	20
Z1405	International Entrepreneurship	4	20
Z1412	Research project for entrepreneurship, innovation and strategy	4	40

Optional Modules

Along with 60 credits from the list below in Year 3. A maximum of 20 credits of Level 1 classes may be selected.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20

22. Economics

Compulsory Modules

Module Code	Module Title	Level	Credits
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20
EC419	Dissertation in Economics	4	20
EC421	Advanced Microeconomics	4	20

EC422	Advanced Macroeconomics	4	20

Optional Modules

Along with 60 credits from the list below in Year 3 and 60 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
EC412	Industrial Economics	4	20
EC413	Applied Economics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource, Environmental and Energy Economics	4	20
EC420	Labour Economics	4	20

23. Finance

Compulsory Modules

Module Code	Module Title	Level	Credits
AG312	Advanced Corporate Finance and Financial Markets	3	20
AG313	Treasury Management and Derivatives	3	20
AG436	Dissertation in Finance	4	40

Optional Modules

Along with 60 credits from the list below in Year 3 and 80 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected in Year 3 only.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
MS311	Knowledge and Innovation Management	3	20
MS361	Understanding and Optimizing Business Systems	3	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20

AG426	Advanced Derivatives	4	20
AG428	Asset Pricing	4	20
AG429	Behavioural Finance	4	20
AG430	Corporate Financing	4	20
AG431	Corporate Investment Theory and Policy	4	20
AG432	Financial Quantitative Methods	4	20
AG434	International Financial Management	4	20

24. Hospitality Tourism and Management

Compulsory Modules

Module Code	Module Title	Level	Credits
WE314	Event Management: Planning and Sustainable Practice	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
MG423	Hospitality and Tourism Analysis: Case Studies and Case Histories	4	20
WE400	Current Issues in Tourism and Sustainability	4	20
MG412	Dissertation in Hospitality and Tourism Management	4	40

Optional Modules

Along with 60 credits from the list below in Year 3 and 40 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20

MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
Z1218	New Venture Planning	2	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
MG402	Management, Enterprise and the Rise of the Global Economy	4	20
SH424	Being an Ethical Manager	4	20

25. Human Resource Management

Compulsory Modules

Module Code	Module Title	Level	Credits
WE303	Contemporary Issues in Human Resource Management	3	20
WE302	Employment Relations	3	20
WE402	Perspectives on work, employment and HRM	4	20
WE403	HRM and Employment Relations in Public Services	4	20
WE405	People, Work and the Global Economy	4	20
WE401	Work Transitions	4	20
HR406	Human Resource Management Dissertation and Research Methods	4	40

Optional Modules

Along with 60 credits from the list below in Year 3. A maximum of 20 credits of Level 1 classes may be selected.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20

EC215	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
WE301	Organising and Managing Across Cultures	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20

26. Marketing

Compulsory Modules

Module Code	Module Title	Level	Credits
MK329	Marketing Communication in the Digital Age	3	20
MK328	Strategic Marketing in an International Context	3	20
MK412	Brand Management	4	20
MK414	Dissertation in Marketing	4	40

Optional Modules

Along with 60 credits from the list below in Year 3 and 60 credits in Year 4. A maximum of 20 credits of Level 1 classes may be selected.

Module Code	Module Title	Level	Credits
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
EC215	Intermediate Microeconomics	2	20
MS210	Analysing and Improving Operations	2	20

MS211	Managing Business Processes and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services and Experiences	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
Z1218	New Venture Planning	2	20
WE301	Organising and Managing Across Cultures	3	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
MK410	Advances in Consumer Behaviour Operations	4	20
MK421	Managing Integrated Marketing Communications: Theory and Practice	4	20
MK415	International Business Management	4	20
MK416	Managing Customer Relationships	4	20
MK418	Social Marketing	4	20

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

Bachelor of Arts with Honours in (Principal Subject(s))
Bachelor of Arts with Honours in (Principal Subject(s)) with International Study
Bachelor of Arts in (Principal Subject(s))
Bachelor of Arts in (Principal Subject(s)) with International Study
Diploma of Higher Education in Business
Certificate of Higher Education in Business

These regulations are to be read in conjunction with General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.
These regulations apply to entry on the above programmes from Academic Year 2021/22 onwards only.

Credit Transfer and RPL

1. Students with appropriate qualifications may be admitted with advanced standing directly into the second or third year.

Mode of Study

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

Place of Study

3. Certain subjects (such as Psychology) may require study out with the University.

4. The BA in Business (Principal Subjects) with International Study requires study at an approved institution abroad for a period of one semester.

Programme Structure

Bachelor Degree

5. In the first year of study, all students shall undertake the curriculum as set out in Regulation 14.

6. In the second year, students shall undertake the curriculum as set out in Regulation 15.

7. In the third year of study, all students shall undertake a curriculum which centres on the two chosen Principal Subjects and includes the module BF305 Management Development Programme 3.

8. A Principal Subject shall comprise modules amounting to no fewer than 80 credits (40 at Level 2 and 40 at Level 3), this is in addition to the foundation Level 1 module. Subjects delivered from other Faculties may require students to take modules amounting to 40 credits at Level 1.

9. By the end of the third year, all students must have taken modules amounting to at least 60 credits at Level 3 and 100 credits at Level 2. For the BA with International Study one semester must be taken at a partner institution.

10. The credits for a module may count towards the credit requirements for one of the Principal Subjects only.

11. Principal Subject and Honours Requirements

Accounting	See Regulation 29
Business Analysis and Technology	See Regulation 30
Business Enterprise	See Regulation 31
Business Law	See Regulation 32
Economics	See Regulation 33
Finance	See Regulation 34
Hospitality and Tourism	See Regulation 35
Human Resource Management	See Regulation 36
Marketing	See Regulation 37
Mathematics and Statistics	See Regulation 38
Psychology	See Regulation 39

12. Subjects are normally available in the following combinations:

Accounting

H								**Business Analysis and Technology**
H	H							**Business Enterprise**
H	H	H						**Economics**
H	H	H	H					**Finance**
H	H	H	H	H				**Hospitality and Tourism Management**
H	H	H	H	H	H			**Human Resource Management**
H	H	H	H	H	H	H		**Marketing**

								Non-Business Subjects
H	H	H	H	H	H	H	H	**Business Law**
	H		H	H				**Mathematics and Statistics**
			H			H	H	**Psychology**

Curriculum

13. **First Year**

All students shall undertake a curriculum amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF110	Management Development Programme 1	1	20
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20

BF114/BF115	Introduction to Economics and Business Analysis	1	20
BF123/BF124	Introduction to Finance and Financial Analysis	1	20
BF127/BF128	Introduction to Marketing and Entrepreneurship	1	20

Where two codes are listed against a module, the module is repeated in semester two, students will be on one version of the module code only.

Accounting

Students admitted to study a degree which includes Accounting will take the following modules plus one 20 credit module from the list above or M9117 Business Law:

Module Code	Module Title	Level	Credits
BF110	Management Development Programme 1	1	20
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
AG105	Introduction to Finance and Financial Statistics	1	20
AG111	Accounting Technologies	1	20
BF114/BF115	Introduction to Economics and Business Analysis	1	20

Students wishing to gain a degree in Accounting, which is accredited by professional bodies, should seek the advice of the Department of Accounting and Finance to ensure that the necessary modules are included in their curriculum.

Business Law, Mathematics and Statistics or Psychology

Students admitted to study a degree which includes Business Law, Mathematics and Statistics or Psychology may take the following modules:

Module Code	Module Title	Level	Credits
M9117	Business Law	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
C8105	Psychology 1A	1	20
C8106	Psychology 1B	1	20

Modules in Mathematics and Psychology must be taken in subject pairs.

Students must pass MM101 (1A) and C8105 (1A) in order to progress to MM102 (1B) and C8106 (1B) to qualify for admission to the Principal Subject.

14. **Second Year**

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF202*	Management Development Programme 2	2	20

*See Regulation No 8

Plus 40 or 60 credits from the following:

Module Code	Module Title	Level	Credits
AG215	Business Finance	2	20
AG218*	Intermediate Financial Reporting	2	20
AG219*	Cost and Management Accounting	2	20
EC215*	Intermediate Microeconomics	2	20
MK209	Understanding Consumers and Markets	2	20
MS210	Analysing and Improving Operations	2	20
WE201	Work, Employment and Society	2	20
WE211	Managing Services & Experiences	2	20
Z1217	Creativity and Innovation Management	2	20

* Students studying Accounting must take AG218, AG219 and EC215 in order to remain on the pathway.

Optional Modules

Plus 40 or 60 credits from:

Module Code	Module Title	Level	Credits
AG217	Portfolio Management and Security Analysis	2	20
EC216	Intermediate Macroeconomics and Data Analysis	2	20
MK212	Services in Retail Marketing	2	20
MS211	Managing Business Processes and Information Systems	2	20
Z1218	New Venture Planning	2	20
WE202	People at Work	2	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20

	Elective Module(s)		20

For students taking non-business subjects, please refer to the relevant regulations governing those subjects:

Business Law, Regulation 32
Mathematics and Statistics, Regulation 38
Psychology, Regulation 39

15. **Third Year** - All students shall undertake modules amounting to 120 credits as follows. Students who undertake study abroad during their third year shall follow an approved curriculum of 120 credits.

Compulsory Modules

Module Code	Module Title	Level	Credits
BF305*	Management Development Programme 3	3	20
	Principal Subject 1	3	40
	Principal Subject 2	3	40
	Elective Module(s)		20

* International students may replace BF305 with BF306 International Leadership Development.

16. **Fourth Year**

Single Honours
All students admitted to study a Single Honours degree shall undertake modules amounting to 120 credits at Level 4 in the Principal Subject specialisation including a dissertation (or equivalent).

Joint Honours
All students admitted to study a Joint Honours degree shall undertake modules amounting to 120 credits at Level 4 which meet the specialisation requirements for both Principal Subjects as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
	Dissertation (or equivalent) in Principal Subject 1 or 2*	4	40*
	Principal Subject 1	4	40
	Principal Subject 2	4	40

*Students taking Mathematics, Business Law or Psychology will be required to undertake a 20-credit Dissertation (Project) and must therefore take a further 20-credit module in their other Principal Subject.

Progress

17. In order to progress to the second year of the programme, a student must have accumulated at least 100 credits from the programme curriculum, including those for the module BF110 Management Development Programme 1 and the Level 1 modules for the intended Principal Subjects.

18. In order to progress to the third year of the programme, a student must have accumulated at least 220 credits from the programme curriculum, including those for the module BF202 Management Development Programme 2 and the Level 2 compulsory modules relating to their chosen Principal Subjects.

19. In order to progress to the fourth year of the programme a student must have accumulated no fewer than 360 credits from the programme curriculum including those for all compulsory modules and the Level 3 compulsory modules relating to their chosen Principal Subjects, plus BF305 Management Development Programme 3 (or the approved alternative module for those students who have been admitted with advanced standing) and, for the BA with International Study, have undertaken one semester at a partner institution.

Assessment and Final Honours Classification

20. On successful completion of the fourth year, a candidate will be awarded the Level 4 credits corresponding to the modules taken.

21. 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 modules 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 modules in the third year (if appropriate) and all modules in the Honours year.

Award

22. **BA with Honours:** In order to qualify for the award of the BA with Honours in (Principal Subject(s)) the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

23. **BA with Honours with International Study:** In order to qualify for the award of the BA with Honours in (Principal Subject(s)) with International Study the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including one semester at a partner institution in the third year of study.

24. **BA:** In order to qualify for the award of the BA in (Principal Subject(s)), a candidate must have accumulated no fewer than 360 credits from the programme curriculum and must have passed all the compulsory modules and satisfied the requirements for two Principal Subjects, along with meeting the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

    For avoidance of doubt, the BA in Business is not used for the title of an award.

25. **BA with International Study:** In order to qualify for the award of the BA in (Principal Subject(s)) with International Study the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, including one semester at a partner institution in the third year of study.

26. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Business the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, in addition, a candidate must have passed the module BF110 Management Development Programme 1.

27. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Principal Subject and Honours Requirements

28. **Principal Subject Curriculum in Accounting**
In addition to the compulsory classes detailed for Year 1-3 above. Students wishing to gain a degree in Accounting, which is accredited by professional bodies, should seek the advice of the Department of Accounting and Finance to ensure that the necessary modules are included in their curriculum.

Compulsory Modules

Module Code	Module Title	Level	Credits
AG111	Accounting Technologies	1	20
AG105	Introduction to Finance and Financial Statistics	1	20
AG218	Intermediate Financial Reporting	2	20
AG219	Cost and Management Accounting	2	20
EC215	Intermediate Microeconomics	2	20
AG308	Auditing and Assurance	3	10
AG309	Governance and Accounting	3	10
AG310	Contemporary Management Accounting	3	10
AG311	Advanced Financial Reporting	3	10

Optional Modules
Students should refer to the programme handbook to confirm the number of credits they are required to take.

Module Code	Module Title	Level	Credits
AG215	Business Finance	2	20

AG314	Taxation	3	20

Single Honours Curriculum in Accounting

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG435	Accounting Dissertation	4	40

Optional Modules

80 credits chosen from:

Module Code	Module Title	Level	Credits
AG409	Sustainability Accounting: Theory and Practice	4	20
AG415	Contemporary Issues in International Financial Reporting	4	20
AG416	Management Accounting Theory and Practice	4	20
AG420	Auditing Theory and Practice	4	20
AG424	Accounting Theories	4	20
AG442	Sustainable Business: A Finance and Accounting Perspective	4	20

Joint Honours Curriculum in Accounting and Another Subject

Compulsory Module

Module Code	Module Title	Level	Credits
AG435	Accounting Dissertation	4	40

All students shall undertake a curriculum in Accounting amounting to 40 credits chosen from the list of optional modules as listed under the Single Honours curriculum above.

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

29. **Principal Subject Curriculum in Business Analysis and Technology**

Compulsory Modules

Module Code	Module Title	Level	Credits

BF114/115	Introduction to Economics and Business Analysis	1	20
MS211	Managing Business Processes and Information Systems	2	20
MS210	Analysing and Improving Operations	2	20
MS311	Knowledge and Innovation Management	3	20
MS361	Understanding and Optimizing Business Systems	3	20

Single Honours Curriculum in Business Analysis and Technology

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MS424	Dissertation in Business Analysis and Technology	4	40
MS428	Business Analytics in Practice	4	20

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
MS416	Business Analytics using Data Mining	4	20
MS429	Project Management	4	20
MS422	Risk Analysis and Management	4	20
MS426	Contemporary Business Technology	4	20

Joint Honours Curriculum in Business Analysis and Technology

All students shall undertake modules amounting to 120 credits, this will include 40 credits in Business Analysis and Technology as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MS428	Business Analytics in Practice	4	20

Optional Modules

20 credits chosen from:

Module Code	Module Title	Level	Credits
MS416	Business Analytics using Data Mining	4	20
MS429	Project Management	4	20
MS422	Risk Analysis and Management	4	20
MS426	Contemporary Business Technology	4	20

In addition, if the student elects to undertake the dissertation in Business Analysis and Technology the credit requirements for the other Principal Subject are specified in that subject's specialisation regulations.

Module Code	Module Title	Level	Credits
MS424	Dissertation in Business Analysis and Technology	4	40

30. **Principal Subject Curriculum in Business Enterprise**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF127/BF128	Introduction to Marketing and Entrepreneurship	1	20
Z1217	Creativity and Innovation Management	2	20
Z1218	New Venture Planning	2	20
Z1314	Entrepreneurial Capital	3	20
Z1315	Venture Management Strategy and Growth	3	20

Single Honours Curriculum in Business Enterprise

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

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1411	Enterprise Policy: Contemporary Challenges and Solutions	4	20
Z1413	Strategy making for Social Impact	4	20
Z1403	Issues and Trends in Entrepreneurship	4	20
Z1412	Research Project for Entrepreneurship, Innovation and Strategy	4	40
Z1405	International Entrepreneurship	4	20

Joint Honours Curriculum in Business Enterprise and Another Subject

All students shall undertake modules amounting to 120 credits as follows, this will include 40 credits in Business Enterprise as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1403	Issues and Trends in Entrepreneurship	4	20

Optional Modules

20 credits from the following:

Module Code	Module Title	Level	Credits
Z1411	Enterprise Policy: Contemporary Challenges and Solutions	4	20
Z1405	International Entrepreneurship	4	20

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

Module Code	Module Title	Level	Credits
Z1412	Research Project for Entrepreneurship, Innovation and Strategy	4	40

31. **Principal Subject Curriculum in Business Law**

Compulsory Modules

Module Code	Module Title	Level	Credits
M9117	Business Law	1	20

Optional Modules

Module Code	Module Title	Level	Credits
M9111	Criminal Law	1	20
M9212	EU Law	2	20
M9305	Law, Film and Popular Culture	3	20
M9307	Crime and Punishment	3	20
M9308	Human Rights Law	3	20
M9309	Employment Law	3	20

M9318	Competition Law	3	20
M9352	Internet Law	3	20
M9311	Banking Law and Finance	3	20

Joint Honours Curriculum in Business Law and Another Subject

All students shall undertake modules amounting to 120 credits. In addition, if the student elects to undertake the dissertation in Business Law then they must take:

Module Code	Module Title	Level	Credits
M9436	Dissertation in Law	4	20

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

32. **Principal Subject Curriculum in Economics**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF114/BF115	Introduction to Economics and Business Analysis	1	20
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics and Data Analytics	2	20
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20

Single Honours Curriculum in Economics

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

Compulsory Module

Module Code	Module Title	Level	Credits
EC419	Dissertation in Economics	4	20
EC421	Advanced Microeconomics	4	20
EC422	Advanced Macroeconomics	4	20

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
EC412	Industrial Economics	4	20
EC413	Applied Economics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource, Environmental and Energy Economics	4	20
EC420	Labour Economics	4	20

Joint Honours Curriculum in Economics and Another Subject

All students shall undertake modules amounting to 120 credits as follows, this will include 40 credits in Economics:

Compulsory Modules

Module Code	Module Title	Level	Credits
EC421	Advanced Microeconomics	4	20
EC422	Advanced Macroeconomics	4	20

Optional Modules

No more than 20 credits chosen from the optional modules list as detailed under the Single Honours Regulation above.

In addition, if the student elects to undertake the dissertation in Economics they must take 20 credits of optional modules and:

Module Code	Module Title	Level	Credits
EC419	Dissertation in Economics	4	20

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

33. **Principal Subject Curriculum in Finance**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF123/BF124	Introduction to Finance and Financial Accounting	1	20
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20

AG312	Advanced Corporate Finance and Financial Markets	3	20
AG313	Treasury Management and Derivatives	3	20

Single Honours Curriculum in Finance

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG436	Dissertation in Finance	4	40

Optional Modules

80 credits chosen from:

Module Code	Module Title	Level	Credits
AG426	Advanced Derivatives	4	20
AG428	Asset Pricing	4	20
AG429	Behavioural Finance	4	20
AG430	Corporate Financing	4	20
AG432	Financial Quantitative Methods	4	20
AG434	International Financial Management	4	20
AG431	Corporate investment	4	20
AG442	Sustainable Business: A Finance and Accounting Perspective	4	20

Joint Honours Curriculum in Finance and Another Subject

All students shall undertake modules amounting to 120 credits. All students shall undertake a curriculum in Finance amounting to 40 credits chosen from the list of optional modules as detailed under the Single Honours Regulation above. In addition, if the student elects to undertake the dissertation in Finance they must take:

Module Code	Module Title	Level	Credits
AG436	Dissertation in Finance	4	40

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

34. **Principal Subject Curriculum in Hospitality and Tourism Management**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20
WE212	Sustainable Practice in Hospitality and Tourism	2	20
WE211	Managing Services & Experiences	2	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
WE314	Event Management: Planning and Sustainable Practice	3	20

Single Honours Curriculum in Hospitality and Tourism Management

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MG412	Dissertation in Hospitality and Tourism Management	4	40
MG423	Hospitality and Tourism Analysis: Case Studies and Case Histories	4	20

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
Z1411	Enterprise Policy: Contemporary Challenges and Solutions	4	20
SH424	Being and Ethical Manager	4	20
MG402	Management, Enterprise and the Rise of the Global Economy	4	20
WE400	Current Issues in Tourism and Sustainability	4	20

Joint Honours Curriculum in Hospitality and Tourism Management and Another Subject

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

Compulsory Module

Module Code	Module Title	Level	Credits
MG423	Hospitality and Tourism Analysis: Case Studies and Case Histories	4	20

And 40 credits chosen from the list of optional modules as detailed under the Single Honours Regulation above. In addition, if the student elects to undertake the dissertation in Hospitality and Tourism then they must take:

Module Code	Module Title	Level	Credits
MG412	Dissertation in Hospitality and Tourism Management	4	40

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

35. **Principal Subject Curriculum in Human Resource Management**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20

Single Honours Curriculum in Human Resource Management

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

Compulsory Modules

Module Code	Module Title	Level	Credits
HR406	Human Resource Management Dissertation and Research Methods	4	40
WE402	Perspectives on Work, Employment and HRM	4	20

Optional Modules

And 60 credits of optional modules chosen from:

Module Code	Module Title	Level	Credits
WE403	HRM and Employment Relations in Public Services	4	20
WE405	People, Work and the Global Economy	4	20
WE401	Work Transitions	4	20

Joint Honours Curriculum in Human Resource Management and Another Subject

All students shall undertake modules amounting to 120 credits.

All students shall undertake a curriculum in Human Resource Management amounting to 20 credits chosen from the list of optional modules as detailed under the Single Honours Regulation above. In addition, if the student elects to undertake the dissertation in Human Resource Management they must take:

Module Code	Module Title	Level	Credits
HR406	Human Resource Management Dissertation and Research Methods	4	40
WE402	Perspectives on Work, Employment and HRM	4	20

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

36. **Principal Subject Curriculum in Marketing**

Compulsory Modules

Module Code	Module Title	Level	Credits
BF127/BF128	Introduction to Marketing and Entrepreneurship	1	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services and Retail Marketing	2	20
MK329	Marketing Communication in the Digital Age	3	20
MK328	Strategic Marketing in an International Context	3	20

Single Honours Curriculum in Marketing

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MK412	Brand Management	4	20
MK414	Dissertation in Marketing	4	40

Optional Modules

And 60 credits of optional modules chosen from:

Module Code	Module Title	Level	Credits
MK410	Advances in Consumer Behaviour Operations	4	20

MK421	Managing Integrated Marketing Communications: Theory and Practice	4	20
MK415	International Business Management	4	20
MK416	Managing Customer Relationships	4	20
MK418	Social Marketing	4	20
MK430	Brand Building in a FMCG Environment	4	20
MK431	Sustainability, Marketing and Society	4	20

Joint Honours Curriculum in Marketing and Another Subject

All students shall undertake modules amounting to 120 credits as follows, this shall include 40 credits in Marketing.

Compulsory Modules

Module Code	Module Title	Level	Credits
MK412	Brand Management	4	20

Together with 20 credits from the list of optional modules as detailed under the Single Honours Regulation above.

In addition, if the student elects to undertake the dissertation in Marketing:

Module Code	Module Title	Level	Credits
MK414	Dissertation in Marketing	4	40

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

37. **Principal Subject Curriculum in Mathematics and Statistics**

Compulsory Modules

Module Code	Module Title	Level	Credits
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM201	Linear Algebra and Differential Equations	2	20
MM204	Probability and Statistical Interference	2	20
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20

Optional Modules

Students will select 40 or 60 credits from the following list, the number of credits selected will be based on which elective subject a student wishes to undertake:

Module Code	Module Title	Level	Credits
MM206	Mathematical and Statistical Computing	2	20
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis	3	20
MM307	Stochastics and Financial Econometrics	3	20

Such other modules as may be approved by the Programme Leader.

Joint Honours Curriculum in Mathematics and Statistics and Another Subject

All students shall undertake modules amounting to 120 credits, this will include 40 credits in Mathematics and Statistics as follows:

Optional Modules

Module Code	Module Title	Level	Credits
MM401	Communicating Mathematics and Statistics	4	20

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20

List B***

Module Code	Module Title	Level	Credits
MM403	Applicable Analysis 3	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

MM411	Elasticity and Complex Materials	4	20
MM412	Optimization: Theory and Practice	4	20
MM413	Statistical Mechanics	4	20
MM414	Dynamical Models in Epidemiology	4	20
MM401	Communicating Mathematics and Statistics	4	20

*** Not all of these modules will be available every year.

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

38. **Principal Subject Curriculum in Psychology**

Compulsory Modules

Module Code	Module Title	Level	Credits
C8105	Psychology 1A	1	20
C8106	Psychology 1B	1	20
C8201	Cognition and Neuropsychology	2	20
C8202	Social and Health Psychology	2	20
C8203	Introduction to Research Design and Analysis	2	20
C8321	Research Methods and Data Analysis	3	20

Optional Modules

Students will select 40 or 60 credits from the following list, the number of credits selected will be based on which elective subject a student wishes to undertake:

Module Code	Module Title	Level	Credits
C8306	Psychobiology	3	20
C8307	Social Psychology	3	20
C8303	Individual Differences	3	20
C8304	Cognition	3	20
C8305	Development	3	20

Joint Honours Curriculum in Psychology and Another Subject

All students shall undertake a curriculum in Psychology amounting to 60 credits.

Optional Modules

60 credits chosen from the list of optional modules as detailed under the Regulation above. Or, if the student elects to undertake the dissertation in Psychology:

Module Code	Module Title	Level	Credits
C8427	Dissertation in Psychology	4	20
And			
40 credits chosen from the list of optional modules.			

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

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION — BAHRAIN

Bachelor of Business Administration with Honours – Bahrain
Bachelor of Arts in Business Administration – Bahrain
Diploma of Higher Education in Business Administration – Bahrain
Certificate of Higher Education in Business Administration - Bahrain

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

Admission

1. See the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

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.

Duration of study

3. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of Study

4. The programme is available by full-time study only.

Place of Study

5. Study will be undertaken at the University of Strathclyde, Bahrain.

Curriculum

6. **First Year** - All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Module Code	Module Title	Level	Credits
BF134	Academic English Skills	1	30
BF137	Accounting and Finance	1	20
BF141	Economics	1	20
BF140	HR and Organisational Behaviour	1	20
BF139	Business Management and Marketing	1	20
BF138	Statistics	1	10

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

Module Code	Module Title	Level	Credits

AG107	Introduction to Finance	1	10
BF129	Academic Skills	1	10
BF205	Leadership Development Programme 1	2	20
MS214	Analysing and Improving Operations	2	20
Z1224	New Venture Planning	2	20
EC217	Intermediate Macroeconomics and Data Analysis	2	20
MK211	Understanding Consumers and Markets	2	20

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

Module Code	Module Title	Level	Credits
BF307	Leadership Development Programme 2	3	20
WE304	Organising and Managing Across Cultures	3	20
Z1321	Venture Management Strategy & Growth	3	20
MS313	Understanding and Optimizing Business Systems	3	20
EC218	Intermediate Microeconomics	2	20
AND ONE FROM			
MK331	Strategic Marketing in an International Context	3	20
MK330	Marketing Communication in the Digital Age	3	20

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

Module Code	Module Title	Level	Credits
BF414	BBA Dissertation	4	40
Z1414	Strategy Making for Social Impact	4	20
EC423	Natural Resource, Environmental and Energy Economics	4	20
MS427	Project Management	4	20
MK435	International Business Management	4	20

Progress

10. In order to progress to the second year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF134 Academic Skills with a mark of 60 or above by the second attempt and to have passed the remaining 90 credits of the first year of the programme curriculum with a Credit Weighted Average of 60 across those credits by the second attempt.

11. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF205 Leadership Development Programme 1.

12. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF307 Leadership Development Programme 2.

Final Assessment and Honours Classification

13. 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 modules taken in the fourth year.

Award: Subject to the completion of additional national requirements

14. **BBA with Honours:** In order to qualify for the award of the degree of Bachelor of Business Administration with Honours – Bahrain, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

15. **Bachelor of Arts:** In order to qualify for the award of the Bachelor of Arts in Business Administration – Bahrain, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

16. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Business Administration – Bahrain, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

17. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Administration- Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION

Bachelor of Business Administration with Honours (in named specialisation)
Bachelor of Business Administration with Honours
Bachelor of Arts in Business Administration (in named specialisation)
Bachelor of Arts in Business Administration
Diploma of Higher Education in Business Administration

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

These regulations apply to entry on the above programmes from Academic Year 2022/23 onwards.

Admission

1. Admission to the programme shall normally be to applicants who hold appropriate qualifications that would allow entry into the Second Year.

2. Students will be awarded RPL equivalent to 120 credits at Level 1.

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

Status of the Programme

4. The programme is offered at Honours level only.

Mode of Study

5. The programme is available by full-time study only.

Programme Structure

6. Prior to the start of the degree students have the option to choose a specialisation from which they take at least 40 credits in both their second, third and fourth years.

7. Business Subject and Specialisation Requirements

Business Analysis and Technology	See Regulation 19-20
Business Enterprise	See Regulation 21-22
Economics	See Regulation 22-23
Hospitality and Tourism	See Regulation 24-25
Human Resource Management	See Regulation 26-27
Marketing	See Regulation 28-29

Curriculum

8. **First Year** - The first year is not taught as part of the programme.

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

For students on Bachelor of Business Administration with Honours:

Compulsory Modules

Module Code	Module Title	Level	Credits
AG106	Introduction to Finance	1	10
BF111	Academic Skills	1	10
BF204	Leadership Development Programme 1	2	20
	Business Subject 1	2	20
	Business Subject 2	2	20
	Business Subject 3	2	20
AND			
MS211	Managing Business Processes and Information Systems	2	20
OR			
MS210	Analysing and Improving Operations	2	20
OR			
EC215	Intermediate Microeconomics	2	20
OR			
EC216	Intermediate Macroeconomics and Data Analytics	2	20

For students on Bachelor of Business Administration with Honours (in named specialisation):

Compulsory Modules

Module Code	Module Title	Level	Credits
AG106	Introduction to Finance	1	10
BF111	Academic Skills	1	10
BF204	Leadership Development Programme 1	2	20
	Specialist Subject Module A	2	20
	Specialist Subject Module B*	2	20
	Business Subject 2	2	20
AND			
MS211	Managing Business Processes and Information Systems	2	20

OR			
MS210	Analysing and Improving Operations	2	20
OR			
EC215	Intermediate Microeconomics	2	20
OR			
EC216	Intermediate Macroeconomics and Data Analytics	2	20

* Those taking Business Analysis and Technology or Economics as their named specialisation should take one of the indicated (♦) 20 credit modules from the remaining Business Subjects listed in Regulation 7.

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

For students on Bachelor of Business Administration with Honours:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF302	Leadership Development Programme 2	3	20
WE301	Organising and Managing Across Cultures	3	20
	Business Subject 1	2	20
	Business Subject 2	2	20
	Business Subject 3	2	20
	Elective Module(s)		20

For students on Bachelor of Business Administration with Honours (in named specialisation):

Compulsory Modules

Module Code	Module Title	Level	Credits
BF302	Leadership Development Programme 2	3	20
WE301	Organising and Managing Across Cultures	3	20
	Specialist Subject Module A	2	20
	Specialist Subject Module B	2	20
	Business Subject 2	2	20

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

Compulsory Modules

For students on Bachelor of Business Administration with Honours:

Module Code	Module Title	Level	Credits
BF402	BBA Dissertation	4	40
	Business Subject 1	4	20
	Business Subject 2	4	20
	Business Subject 3	4	20
	Business Subject 4	4	20

For students on Bachelor of Business Administration with Honours (in named specialisation):

Module Code	Module Title	Level	Credits
	Specialist Subject Module A	4	20
	Specialist Subject Module B	4	20
	Specialist Subject Module C	4	20
	Specialist Subject Module D	4	20
	Specialist Subject Dissertation	4	20/40*

Students taking a 20 credit dissertation must take a further 20 credits in the specialist subject from the optional modules from the relevant Specialist Subject listed below.

Progress

12. In order to progress to the third year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

13. In order to progress to the fourth year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

14. On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the modules taken.

15. The final Honours classification for the degree of Bachelor of Arts in Business Administration with Honours will normally be based on the first assessed attempt at Level 4 modules taken in the fourth year.

Award

16. **BBA with Honours:** In order to qualify for the award of the degree of Bachelor of Business Administration with Honours and Bachelor of Business Administration with

Honours (in named specialisation), the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

17. **Bachelor of Arts:** In order to qualify for the award of the Bachelor of Arts in Business Administration and Bachelor of Business Administration (in named specialisation) the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

18. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Business Administration and Diploma of Higher Education in Business Administration (in named specialisation) the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Business Subject and Specialisation Requirements

19. Business Subject in Business Analysis and Technology

20 credits at each level from:

Module Code	Module Title	Level	Credits
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
MS311	Knowledge and Innovation Management	3	20
MS361	Understanding and Optimizing Business Systems	3	20
MS429	Project Management	4	20

20. Specialisation in Business Analysis and Technology

Compulsory Modules

Module Code	Module Title	Level	Credits
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20
MS311	Knowledge and Innovation Management	3	20
MS361	Understanding and Optimizing Business Systems	3	20
MS428	Business Analytics in Practice	4	20
MS424	Dissertation	4	20

Together with 60 credits from:

Module Code	Module Title	Level	Credits
MS416	Business Analytics using Data Mining	4	20
MS429	Project Management	4	20
MS422	Risk Analysis and Management	4	20
MS426	Contemporary Business Technology	4	20

21. Business Subject in Business Enterprise

20 credits at each level from:

Module Code	Module Title	Level	Credits
Z1218	New Venture Planning	2	20
Z1314	Entrepreneurial Capital	3	20
Z1315	Venture Management Strategy and Growth	3	20
Z1411	Enterprise Policy for 21st Century Challenges	4	20
Z1403	Issues and Trends in Entrepreneurship	4	20
Z1405	International Entrepreneurship	4	20

22. Specialisation in Business Enterprise

Compulsory Modules

Module Code	Module Title	Level	Credits
Z1218	New Venture Planning	2	20
Z1314	Entrepreneurial Capital	3	20
Z1315	Venture Management Strategy and Growth	3	20
Z1411	Enterprise Policy for 21st Century Challenges	4	20
Z1413	Strategy making for social impact	4	20
Z1403	Issues and Trends in Entrepreneurship	4	20
Z1405	International Entrepreneurship	4	20
Z1412	Research project for entrepreneurship, innovation, and strategy	4	40

23. Business Subject in Economics

20 credits at each level from:

Module Code	Module Title	Level	Credits
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics and Data Analytics	2	20
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20
EC412	Industrial Economics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource, Environmental and Energy	4	20

24. Specialisation in Economics

Compulsory Modules

Module Code	Module Title	Level	Credits
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics and Data Analytics	2	20
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20
EC419	Dissertation	4	20

Together with 100 credits from:

Module Code	Module Title	Level	Credits
EC421	Advanced Microeconomics	4	20
EC422	Advanced Macroeconomics	4	20
EC412	Industrial Economics	4	20
EC413	Applied Economics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource, Environmental and Energy Economics	4	20
EC420	Labour Economics	4	20

25. Business Subject in Hospitality and Tourism Management

20 credits at each level from:

Module Code	Module Title	Level	Credits
WE212	Sustainable Practice in Hospitality and Tourism	2	20
WE211	Managing Services & Experiences	2	20
WE314	International Hospitality and Tourism in the Digital Age	3	20
WE316	Event Management: Planning and Sustainable Practice	3	20
MG423	Hospitality and Tourism Analysis: Case Studies and Histories	4	20

26. Specialisation in Hospitality and Tourism Management

Compulsory Modules

Module Code	Module Title	Level	Credits
WE212	Sustainable Practice in Hospitality and Tourism	2	20
WE211	Managing Services & Experiences	2	20
WE316	International Hospitality and Tourism in the Digital Age	3	20
WE314	Event Management: Planning and Sustainable Practice	3	20
MG423	Hospitality and Tourism Analysis: Case Studies and Histories	4	20
MG412	Dissertation	4	40

Together with 60 credits from:

Module Code	Module Title	Level	Credits
SH424	Being an Ethical Manager	4	20
MG402	Management, Enterprise and the Rise of the Global Economy	4	20
Z1411	Enterprise Policy for 21st Century Challenges	4	20

27. Business Subject in Human Resource Management

20 credits at each level from:

Module Code	Module Title	Level	Credits
WE201	Work, Employment and Society	2	20
WE302	Contemporary Issues in Human Resource Management	3	20

WE303	Employment Relations	3	20
WE405	People, Work and the Global Economy	4	20

28. Specialisation in Human Resource Management

Compulsory Modules

Module Code	Module Title	Level	Credits
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE302	Contemporary Issues in Human Resource Management	3	20
WE303	Employment Relations	3	20
WE402	Perspective on Work and Employment	4	20
WE403	HRM and Employment Relations in the Public Services	4	20
WE405	People, Work and the Global Economy	4	20
WE401	Work Transitions	4	20
HR406	Human Resource Management Dissertation and Research Methods	4	40

29. Business Subject in Marketing

20 credits at each level from:

Module Code	Module Title	Level	Credits
MK209	Understanding Consumers and Markets	2	20
MK329	Marketing Communication in the Digital Age	3	20
MK328	Strategic Marketing in an International Context	3	20
MK415	International Buisiness Management	4	20

30. Specialisation in Marketing

Compulsory Modules

Module Code	Module Title	Level	Credits
MK209	Understanding Consumers and Markets	2	20
MK212	Services and Retail Marketing	2	20

MK329	Marketing Communication in the Digital Age	3	20
MK328	Strategic Marketing in an International Context	3	20
MK414	Dissertation	4	40
MK412	Brand Management	4	20

Together with 60 from:

Module Code	Module Title	Level	Credits
MK410	Advances in Consumer Behaviour	4	20
MK415	International Business Management	4	20
MK416	Managing Customer Relationships	4	20
MK418	Social Marketing	4	20
MK430	Brand Building in a FMCG Environment	4	20
MK431	Sustainability, Marketing & Society	4	20
MK421	Managing Integrated Marketing Communications	4	20

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS ADMINISTRATION — BAHRAIN

Bachelor of Business Administration with Honours with a specialisation in Marketing – Bahrain
Bachelor of Arts in Business Administration with a specialisation in Marketing – Bahrain
Diploma of Higher Education in Business Administration – Bahrain
Certificate of Higher Education in Business Administration - Bahrain

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

Admission

1. See the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level

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.

Duration of study

3. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of Study

4. The programme is available by full-time study only.

Place of Study

5. Study will be undertaken at the University of Strathclyde, Bahrain

Curriculum

6. **First Year** - All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Module Code	Module Title	Level	Credits
BF134	Academic English Skills	1	30
BF137	Accounting and Finance	1	20
BF141	Economics	1	20
BF140	HR and Organisational Behaviour	1	20
BF139	Business Management and Marketing	1	20
BF138	Statistics	1	10

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

Module Code	Module Title	Level	Credits
AG107	Introduction to Finance	1	10
BF129	Academic Skills	1	10
BF205	Leadership Development Programme 1	2	20
MK211	Understanding Consumers and Markets	2	20
MK210	Services and Retail Marketing	2	20
AND TWO FROM THE FOLLOWING OPTIONS			
MS214	Analysing and Improving Operations	2	20
EC217	Intermediate Macroeconomics and Data Analysis	2	20
Z1224	New Venture Planning	2	20

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

Module Code	Module Title	Level	Credits
BF307	Leadership Development Programme 2	3	20
WE304	Organising and Managing Across Cultures	3	20
MK330	Marketing Communication in the Digital Age	3	20
MK331	Strategic Marketing in an International Context	3	20
AND TWO FROM THE FOLLOWING OPTIONS			
Z1321	Venture Management Strategy & Growth	3	20
MS313	Understanding and Optimizing Business Systems	3	20
EC217	Intermediate Microeconomics	2	20

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

Module Code	Module Title	Level	Credits
MK433	Advances in Consumer Behaviour	4	20
MK434	Brand Management	4	20
MK435	International Business Management	4	20
MK432	Sustainability, Marketing and Society	4	20
MK436	Dissertation (Marketing)	4	40

Progress

10. In order to progress to the second year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF134 Academic Skills with a mark of 60 or above and are required to have passed the remaining 90 credits of the first year of the programme curriculum with a Credit Weighted Average of 60 across those credits by the second attempt.

11. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF205 Leadership Development Programme 1.

12. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed BF307 Leadership Development Programme 2.

Final Assessment and Honours Classification

13. 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 modules taken in the fourth year.

Award: All awards are also subject to the completion of additional national requirements

14. **BBA with Honours:** In order to qualify for the award of the degree of Bachelor of Business Administration with Honours with a specialisation in Marketing – Bahrain, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

17. **Bachelor of Arts:** In order to qualify for the award of the Bachelor of Arts in Business Administration with a specialisation in Marketing – Bahrain the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

18. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Business Administration – Bahrain the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

19. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Administration- Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

BUSINESS MANAGEMENT

Bachelor of Arts with Honours in Business Management
Bachelor of Arts in Business Management
Diploma of Higher Education in Business Management
Certificate of Higher Education in Business Management

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

Status of the Programmes

1. All students are normally admitted to this graduate apprenticeship in the first instance as potential Honours students.

Mode of Study

2. The programmes are available via blended learning: online distance learning with scheduled on campus attendance, on a full-time basis.

Curriculum

First Year

3. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
OB101	Organisations and the Contemporary Business Environment	1	30
OB102	Managing Yourself and Others	1	30
OB103	Managing in a Global Environment	1	30
OB105	Understanding Business Finance and Financial Services	1	30

Second Year

4. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
OB201	Governance, Ethics and CSR	2	40
OB202	Fundamentals of Business Analysis & Technology	2	40
OB203	Managing People for Performance and Innovation	2	40

Third Year

5. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Class

Module Code	Module Title	Level	Credits
OB307	Project Management	3	40
OB308	Marketing: Foundations, Principles and Strategic Application	3	40
OB305	Managing Change	3	20
OB306	Research Methods for Business	3	20

Fourth Year

6. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
OB401	Business Project	4	60
OB402	Strategy, Risk and Scenario Planning	4	40

Optional Modules

20 credits at Level 4 chosen from the modules below:

Module Code	Module Title	Level	Credits
OB403	Entrepreneurial Mindset in the Workplace	4	10
OB405	Operations Management and Simulation	4	10
OB407	Negotiation Skills	4	10

Progress

1. In order to progress to the second year of the programme, a student must have accumulated at least 120 credits from the programme curriculum.

2. In order to progress to the third year of the programme, a student must have accumulated at least 240 credits from the programme curriculum including 120 credits at Level 2 or above.

3. In order to progress to the fourth year of the programme, a student must have accumulated at least 360 credits from the programme curriculum including 120 credits at Level 3 or above.

Final Honours Classification

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

Award

5. **BA with Honours:** In order to qualify for the award of the degree of BA with Honours in Business Management the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

6. **BA:** In order to qualify for the award of the degree of BA in Business Management the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

7. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education Business Management the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

8. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Business Management the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

INTERNATIONAL BUSINESS

Bachelor of Arts with Honours in International Business with (Principal Subject)
Bachelor of Arts in International Business
Diploma of Higher Education in International Business
Certificate of Higher Education in International Business

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

These regulations apply to entry on the above programmes from Academic Year 2021/22 onwards only.

Mode of Study

1. The programmes are available by full-time, part time and flexible delivery.

Place of Study

2. The programme includes study in the third year at a Business School or equivalent in another country for one semester.

Principal Subject and Honours Requirements

3. For details on Principal Subjects and Honours Requirements see the following section of the of the Bachelor of Arts with Honours in (Principal Subject(s)) Programme Regulations

Business Analysis and Technology	See Regulation 30
Business Enterprise	See Regulation 31
Economics	See Regulation 33
Finance	See Regulation 34
Hospitality and Tourism	See Regulation 35
Human Resource Management	See Regulation 36
Marketing	See Regulation 37

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF110	Management Development Programme 1	1	20
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20
BF114/BF115	Introduction to Economics and Business Analysis	1	20

BF123/BF124	Introduction to Finance and Financial Analysis	1	20
BF127/128	Introduction to Marketing and Entrepreneurship	1	20

These modules are repeated in semester two, students will be on one version of the module code only depending in which semester they take the module.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF202	Management Development Programme 2	2	20
WE213	International Business Environment and Strategy	2	20

And 80 credits from:

Module Code	Module Title	Level	Credits
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20
EC215	Intermediate Microeconomics	2	20
EC216	Intermediate Macroeconomics and Data Analysis	2	20
MK209	Understanding Consumers and Markets	2	20
MK212	Services in Retail Marketing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Process and Information Systems	2	20
WE201	Work, Employment and Society	2	20
WE202	People at Work	2	20
WE211	Managing Services & Experiences	2	20
WE212	Sustainability Practices in Hospitality and Tourism	2	20
Z1217	Creativity & Innovation Management		
Z1218	New Venture Planning	2	20

6. **Third Year** – All students are normally required to undertake study abroad at an approved institution for the equivalent of one Strathclyde semester and shall follow an

approved curriculum of 120 credits which shall normally include the equivalent of the following modules:

Compulsory Modules

Module Code	Module Title	Level	Credits
BF305	Management Development Programme 3	3	20
WE301	Organising and Managing Across Cultures	3	20
	Principal Subject 1	3	40
	Principal Subject 2	3	40

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MG419	Contemporary Issues and Trends in International Business	4	20

Together with 60 credits at Level 4 from the chosen Principal Business subject (minimum of 40 credit) and may include one 20 credit international focused business module as approved by the Programme Director, and a 40 credit Dissertation in the chosen Principal Business subject, with an international focus.

Progress

8. In order to progress to the second year of the programme, a student must have accumulated at least 100 credits from the programme curriculum, including those for the module BF110 Management Development Programme 1 and BF121 or BF122 Introduction to International Business and the Level 1 modules for the intended Principal Subjects.

9. In order to progress to the third year of the programme, a student must have accumulated at least 240 credits from the programme curriculum, including those for the module BF202 Management Development Programme 2 and MG213 International Business Analysis and the Level 2 compulsory modules relating to their chosen Principal Subjects.

10. In order to progress to the fourth year of the programme a student must have accumulated no fewer than 360 credits from the programme curriculum including those for all compulsory modules and the Level 3 compulsory modules relating to their chosen Principal Subjects, plus BF305 Management Development Programme 3. A student must normally pass the exchange period.

11. If a student fails to meet any of the progress requirements, they may be considered for transfer to the BA Business if they meet the curriculum and requirements for that degree.

Final Assessment and Honours Classification

12. On successful completion of the Honours year, a student will be awarded the Level 4 credits corresponding to the modules taken.

13. The final Honours classification for the degree of BA with Honours in International Business with (Principal Subject) will normally be based on the first assessed attempt at Level 4 modules taken in the fourth year.

Award

14. **BA with Honours:** In order to qualify for the award of the degree of BA with Honours in International Business with (Principal Subject), see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **BA:** In order to qualify for the award of the BA in International Business, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in International Business, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

18. Transfer to the BA in Principal Subject(s) will be considered for students who fail to satisfy the Board of Examiners in the study abroad requirements. For avoidance of doubt, the BA in Business is not used for the title of an award.

STRATHCLYDE BUSINESS SCHOOL

FACULTY PROGRAMMES

INTERNATIONAL BUSINESS WITH A MODERN LANGUAGE

Master in International Business with a Modern Language
Bachelor of Arts with Honours 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

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

These regulations apply to entry on the above programmes from Academic Year 2021/22 onwards only.

Mode of Study

1. The programme is available by full-time study only.

Place of Study

2. The IBML programme requires study at an approved institution abroad during the fourth year. This will take place in the country of the student's chosen Modern Language, either on a study placement at a partner university, business school, or on an approved work placement.

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF110	Management Development Programme 1	1	20
BF111	Academic Skills	1	10
BF121/BF122	Introduction to International Business	1	10

Optional Modules

Students will choose 40 credits from:

Module Code	Module Title	Level	Credits
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20
BF114/BF115	Introduction to Economics and Business Analysis	1	20
BF123/BF124	Introduction to Finance and Financial Analysis	1	20

BF127 / BF128	Introduction to Marketing and Entrepreneurship	1	20

These modules are repeated in semester two, hence two different module codes. Students will be on one version of the module code only depending in which semester they take the module.

And 40 credits in Modern Languages as approved by the Programme Leader.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF202	Management Development Programme 2	2	20
WE213	International Business Environment and Strategy	2	20
	Principal Subject 1 (Business)	2	40

And 40 Credits in Modern Languages as approved by the Programme Leader.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF305	Management Development Programme 3	3	20
WE301	Organising and Managing Across Cultures	3	20
	Principal Subject 1 (Business)	3	40

And 40 credits in Modern Languages as approved by the Programme Leader.

6. **Fourth Year** – Masters MIBML Regulations

The fourth year will normally be spent at an approved Partner Institution in the country of the student's chosen Modern Language. Students are expected to undertake a curriculum that consists of 120 credits relating to their Business education with particular focus on their Principal Subject. All modules should be taught in their chosen Modern Language and should be the equivalent no lower than Level 3.

Students may instead undertake a Work Placement or Internship abroad relevant to their Principal Subject as approved by the Programme Leader.

Should students fail any module(s) at their Partner Institution, they would be expected to comply with the host institution's regulations regarding resits.

Compulsory Modules

Module Code	Module Title	Level	Credits
EX404	Credit Bearing Exchange Code for Masters in IBML	4	120

7. **Fourth Year** – BA (Hons) IBML Regulations

The fourth year will normally be spent at an approved Partner Institution in the country of the student's chosen Modern Language. Students will undertake a curriculum that consists of 80 credits relating to their Business education which includes modules in their Principal Subject, as well as other business/international business subjects plus another 40 credits from modules offered by the Partner Institution. Modules should be primarily taught in the student's chosen Modern Language, although some study in English will be permitted, and should be the equivalent no lower than of Level 3.

Students may instead undertake a Work Placement or Internship abroad relevant to their Principal Subject as approved by the Programme Leader.

Should students fail any module(s) at their Partner Institution, they would be expected to comply with the host institution's regulations regarding resits.

Module Code	Module Title	Level	Credits
EX199	External Study IBML	4	0

8. **Fifth Year** - Integrated Master Regulations

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

Compulsory Modules

Module Code	Module Title	Level	Credits
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 Programme Leader.

List A

Module Code	Module Title	Level	Credits
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

AG516	Sustainable Business: A Finance and Accounting Perspective	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
WE500	Perspectives on Work and Employment and HRM	5	20
MG512	Hospitality and Tourism Analysis: Case Studies and Case Histories	5	20
MK500	Brand Management	5	20
MS510	Business Analytics in Practice	5	20
Z1503	International Entrepreneurship	5	20

9. **Fifth Year** - BA (Hons) IBML Regulations

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MG419	Contemporary Issues and Trend in International Business	4	20
	Principal Subject 1 (Business)	4	60*
	Modern Language	4	40

*Including a 40 credit Dissertation in the chosen Principal Business subject, with an international focus.

Where a 20 credit Dissertation (Project) is available and selected by a student in their Principal Business subject they must take a further 20 credit module in the business subject as stipulated by the Programme Director.

Progress

10. In order to progress to the second year of the programme, a student must have accumulated at least 100 credits from the programme curriculum, including those for the module BF110 Management Development Programme 1 and BF121 or BF122 Introduction to International Business and the Level 1 modules for the intended Principal Subjects.

11. In order to progress to the third year of the programme, a student must have accumulated at least 240 credits from the programme curriculum, including those for the module BF202 Management Development Programme 2 and WE213 International Business Analysis and the Level 2 compulsory modules relating to their chosen Principal Subjects.

12. In order to progress to the fourth year of the programme, a student must have accumulated no fewer than 360 credits from the programme curriculum including those for the BF305 Management Development Programme 3 and WE301 Organising and Managing Across Cultures the Level 3 compulsory modules relating to their chosen Principal Subjects and have achieved a satisfactory performance in the third year, details available in the student handbook. Students must also have met the academic standard to be permitted to proceed to the exchange period.

13. In order to progress to the fifth year of the programme, a student must have satisfactorily completed year 4.

14. Any Masters candidate who fails to satisfy the progress requirements on to Level 5 will be transferred to Level 4 of the BA Hons in International Business with a Modern Language degree, and any credits they may have accumulated on the period of study abroad will not be considered in the degree (but they will be recorded as 'personal credits' on their transcript). Where a candidate does not have Level 4 University of Strathclyde credits for calculation of the classification in the normal way, the candidate's prior performance at University of Strathclyde will be considered alongside the Exchange Year performance for the Board of Examiners to decide classification.

Final Assessment and Honours Classification

15. On successful completion of the Honours year, a candidate will be awarded the Level 4 credits corresponding to the modules taken.

16. The final Honours classification for the degree of BA with Honours in International Business with a Modern Language will normally be based on:

    i. the first assessed attempt at Level 4 modules taken in the fourth year;
    ii. the oral Modern Language examination;
    iii. if appropriate, an oral examination.

Final Assessment

17. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits corresponding to the modules taken.

Award

18. **Master:** In order to qualify for the award of the degree of Master in International Business with a Modern Language the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

19. **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.

20. **BA with Honours:** In order to qualify for the award of the degree of BA with Honours in International Business with a Modern Language, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

21. **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.

22. **BA:** In order to qualify for the award of the BA in International Business with a Modern Language, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, in addition, a candidate must have passed the first, second and third year compulsory modules.

23. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in International Business with a Modern Language, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, in addition, a candidate must have passed the first and second year compulsory modules.

24. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in International Business with a Modern Language, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Transfer

25. A candidate who fails to satisfy the progress or award requirements for the degree of Master, during years 1-3 of the programme, may be transferred to the degree of BA with Honours in International Business with a Modern Language.

26. A candidate who fails to satisfy the Board of Examiners in regards to the external study curriculum (EX404 or EX119) may at the discretion of the Board be transferred to the BA Business programme to complete single honours in their Principal Business Subject in year 5 of the programme.

27. A candidate who is unable to undertake the required external study curriculum (EX404 or EX119) may at the discretion of the Board be transferred to the BA Business programme to complete single honours in their Principal Business Subject in year 4 of the programme.

STRATHCLYDE BUSINESS SCHOOL

VALIDATED PROGRAMMES

BUSINESS

Diploma of Higher Education (Business)
Certificate of Higher Education (Business)

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

Admission

1. 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 Programme 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 Programme Director.

Status of the Programmes

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

Mode of Study

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

Place of Study

4. The programmes are taught at the City of Glasgow College.

Curriculum

First Year

5. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Codes	Module Title	Level	Credits
CC132	Psychology 1A	1	10
CC122	Introduction to Marketing	1	20
CC123	Managing People	1	20
CC124	Introduction to Economics	1	20
CC126	Information Technology	1	10
CC127	Statistics	1	10
CC130	Business Enterprise	1	20
CC131	Academic Skills	1	10

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Module

Module Codes	Module Title	Level	Credits
CC 217	Management Development Programme 2	2	20

Optional Modules

40 credits in two of the Principal Subjects below:

Marketing

Module Codes	Module Title	Level	Credits
CC254	Understanding Consumers and Markets	2	20
CC253	Services and Retail Marketing	2	20

AND

20 credits from the following list of electives:

Module Codes	Module Title	Level	Credits
CC209	Work Psychology for HRM	2	20
CC210	Work Psychology	2	20
CC262	Creativity and innovation Management	2	20
CC263	New Venture Planning	2	20

Human Resource Management

Module Codes	Module Title	Level	Credits
CC209	Work Psychology for HRM	2	20
CC210	Work Psychology	2	20

AND

20 credits from the following list of electives:

Module Codes	Module Title	Level	Credits
CC254	Understanding Consumers and Markets	3	20

CC253	Services and Retail Marketing	3	20
CC262	Creativity and innovation Management	2	20
CC263	New Venture Planning	2	20

Business Enterprise

Module Codes	Module Title	Level	Credits
CC262	Creativity and Innovation Management	2	20
CC263	New Venture Planning	2	20

AND

20 credits from the following list of electives:

Module Codes	Module Title	Level	Credits
CC254	Understanding Consumers and Markets	3	20
CC253	Services and Retail Marketing	3	20
CC209	Work Psychology for HRM	2	20
CC210	Work Psychology	2	20

Progress

6. In order to progress to the second year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Award

7. **Diploma of Higher Education**: In order to qualify for the award of the Diploma of Higher Education (Business) the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

8. **Certificate of Higher Education**: In order to qualify for the award of the Certificate of Higher Education (Business) the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Transfer

9. A student who has accumulated no fewer than 240 credits from the programme curriculum, including those for all the compulsory modules, 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 programme in the Strathclyde Business School.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

COMPUTER SCIENCE - Bahrain

Bachelor of Science with Honours in Computer Science - Bahrain
Bachelor of Science in Computer Science - Bahrain
Diploma of Higher Education in Computer Science – Bahrain
Certificate of Higher Education in Natural Sciences

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study
2. Students will study at the University of Strathclyde - Bahrain.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year
All students shall undertake modules amounting to 125 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
MM157	Mathematics 1	1	20
CS128	Computing 1	1	20
CS129	Computing 2	1	20
MM156	Graph Theory	1	20
	Electronics	1	10

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS283	Advanced Programming	2	20
CS282	Logic and Algorithms	2	20

CS281	User and Data Modelling	2	20
CS280	Computer Systems and Architecture	2	20
CS279	Professional Issues in Computing	2	10
CS278	Quantitative Methods for Computer Science	2	10
CS277	Functional Thinking	2	10
CS125	Technology in Business	1	10

Third Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS376	Building Software Systems	3	20
CS374	Computer Systems and Concurrency	3	20
CS375	Foundations of Artificial Intelligence	3	20
CS377	Web Applications Development	3	20
CS373	Functional Programming	3	20
CS372	Mobile App Development	3	20

Fourth Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS466	Individual Project	4	40
CS465	Computer Security	4	20

Students must take 60 credits of Optional Modules from the list below.

Optional Modules

Module Code	Module Title	Level	Credits
CS467	Software Architecture and Design	4	20

CS469	Advanced Functional Programming	4	20
CS471	Theory of Computation	4	20
CS468	Information Access and Mining	4	20
CS470	Human Centred Security	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.
Such other Level 4 modules as may be approved by the Programme Director.

Progress

4. IIn order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt

5. In order to progress to the third year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, students must also gain a non-compensated Pass for the module CS283 Advanced Programming.

6. In order to progress to the fourth year of the programme, a student must satisfy the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum.

Final Classification

7. The final classification for the degree of BSc with Honours in Computer Science - Bahrain will normally be based on the first assessed attempt at all modules taken at Levels 3 and 4.

Award Subject to the completion of additional national requirements

8. **BSc with Honours in Computer Science - Bahrain**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a candidate must have accumulated no fewer than 480 credits from the programme curriculum and must include the module CS466 Individual Project.

9. **BSc in Computer Science - Bahrain**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and must include 100 credits at Level 3.

10. **Diploma of Higher Education in Computer Science - Bahrain:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **Certificate of Higher Education in Natural Sciences:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

COMPUTER SCIENCE

Master of Engineering in Computer Science
Bachelor of Science with Honours in Computer Science
Bachelor of Science in Computer Science
Diploma of Higher Education in Computer Science
Certificate of Higher Education in Computer Science

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study
2. The programme includes an Industrial Placement.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS101	Topics in Computing 1	1	20
CS103	Machines, Languages and Computation	1	20
CS104	Information and Information Systems	1	20
CS105	Programming Foundations	1	20
CS106	Computer Systems and Organisation	1	20
CS124	Technology in Business	1	10
	Elective Module*		10

*With the approval of the Advisor of Studies a student may replace the elective with a 10 credit Vertically Integrated Project (VIP).

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS207	Advanced Programming	2	20
CS208	Logic and Algorithms	2	20
CS209	User and Data Modelling	2	20
CS210	Computer Systems and Architecture	2	20
CS211	Professional Issues in Computing	2	10
CS259	Quantitative Methods for Computer Science	2	10
CS260	Functional Thinking	2	10
	Elective Module*		10

*With the approval of the Advisor of Studies a student may replace the elective with a 10 credit Vertically Integrated Project (VIP), however, direct entrants to second year must take CS124 Technology in Business in place of this elective.

Third Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS308	Building Software Systems	3	20
CS313	Computer Systems and Concurrency	3	20
CS310	Foundations of Artificial Intelligence	3	20
CS312	Web Applications Development	3	20
CS317	Mobile App Development	3	20

20 credits of optional modules chosen from:

Module Code	Module Title	Level	Credits
CS316	Functional Programming	3	20
CS3XX	Introduction to Human-Computer Interaction	3	20

Industrial Placement 1
All students on the MEng in Computer Science shall normally undertake the module CS416 Industrial Placement 1 between the third and fourth years. If they do not they must take it between the fourth and fifth years. This module shall consist of a placement of approximately 12 weeks on work approved by the Programme Director and shall count for 20 credits at Level 4.

Fourth Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS407	Computer Security	4	20
CS408	Individual Project	4	40

Optional Modules

60 credits chosen from:

Module Code	Module Title	Level	Credits
CS409	Software Architecture and Design	4	20
CS410	Advanced Functional Programming	4	20
CS411	Theory of Computation	4	20
CS412	Information Access and Mining	4	20
CS426	Human Centred Security	4	20
CS414	Digital Forensics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Such other Level 4 or Level 5 modules as may be approved by the Programme Director.

Industrial Placement 2
Students on the MEng in Computer Science who have already taken the module CS416 Industrial Placement 1, may additionally undertake the module CS552 Industrial Placement 2 between the fourth and fifth years. This module shall consist of a placement of approximately 12 weeks on work approved by the Programme Director and shall count for 20 credits at Level 5. This module is not compulsory and if taken is in addition to the 120 compulsory credits to be taken in both fourth and fifth years.

Fifth Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS546	Group Project	5	40

80 credits of optional modules chosen from:

Optional Modules

Module Code	Module Title	Level	Credits
CS547	Advanced Topics in Software Engineering	5	20
CS548	Designing Usable Systems	5	20
CS549	Distributed Information Systems	5	20
CS551	Mobile Software and Applications	5	20
CS982	Big Data Technologies	5	20
CS985	Machine Learning for Data Analytics	5	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Such other Level 5 modules as may be approved by the Programme Director.

Progress

4. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, a student must also gain a non-compensated Pass for the module CS105 Programming Foundations.

5. In order to progress to the third year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, students must also gain a non-compensated Pass for the module CS207 Advanced Programming.

6. In order to progress to the fourth year of the programme, a student must satisfy the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum.

7. In order to progress to the fifth year of the MEng degree programme in addition to satisfying the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, a student must also gain a pass in CS408 Individual Project and the module CS416 Industrial Placement 1.

Final Classification

8. The final classification for the degree of MEng in Computer Science will normally be based on the first assessed attempt at all modules taken at Levels 4 and 5.

9. The final classification for the degree of BSc with Honours in Computer Science will normally be based on the first assessed attempt at all modules taken at Levels 3 and 4.

Award

10. **MEng in Computer Science**: Notwithstanding General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a candidate must have accumulated no fewer than 620 credits from the

programme curriculum including those for the modules CS408 Individual Project, CS546 Group Project, and CS416 Industrial Placement 1.

11. **BSc with Honours in Computer Science**: Notwithstanding General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a candidate must have accumulated no fewer than 480 credits from the programme curriculum including the module CS408 Individual Project.

12. **BSc in Computer Science**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and must include 100 credits at Level 3.

13. **Diploma of Higher Education in Computer Science:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education in Computer Science**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

COMPUTER SCIENCE

Graduate Diploma in Computer Science

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

Admission

15. Every applicant for admission to a programme of study must satisfy the General Entrance Requirements as specified in University's Admission Policy and any additional Programme Entrance Requirements specified by the Department(s) or School(s) and approved by the relevant Board of Study.

Duration of Study

16. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

17. The programmes are available by full-time and part-time study

Curriculum

18. All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS407	Computer Security	4	20
CS408	Individual Project	4	40

60 credits of optional modules chosen from:

Optional Modules

Module Code	Module Title	Level	Credits
CS409	Software Architecture and Design	4	20
CS410	Advanced Functional Programming	4	20
CS411	Theory of Computation	4	20
CS412	Information Access and Mining	4	20
CS426	Human Centred Security	4	20

Or other such modules 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

19. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

Award

20. **Graduate Diploma**: In order to qualify for the award of Graduate Diploma in the chosen programme, 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 CS408 Individual Project.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

DIGITAL AND TECHNOLOGY SOLUTIONS

Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Business Analysis
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Cyber Security
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in IT Consultant
Bachelor of Science with Honours in Digital and Technology Solutions with Specialisation in Software Engineering
Bachelor of Science in Digital and Technology Solutions
Diploma of Higher Education in Digital and Technology Solutions
Certificate of Higher Education in Digital and Technology Solutions

(This programme is a Degree Apprenticeship)

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

Status of the Programmes

1. Admission to the programme shall normally be for applicants who hold appropriate qualifications that would allow entry into the Second Year. Students will be awarded Recognition of Prior Learning equivalent to 120 credits at Level 1.

2. All students are usually admitted in the first instance as potential Honours students.

Mode of Study

3. The programmes are available via on campus study (Open Access) or off campus (Distance Learning) on a part-time basis.

Curriculum

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

First Year

The First year is not taught as part of this programme.

Second Year

All students shall undertake modules amounting to 100 credits as follows:

Business Analysis and IT Consultant Specialisms

Compulsory Modules

Module Code	Module Title	Level	Credits
CS113	Information and Data 1	1	20
CS119	Problem Solving	1	10
CS120	Introduction to Software Engineering	1	10
CS274	Work Based Learning 1	2	10

OB206	Business and Management Fundamentals	1	20

Optional Modules

30 credits chosen from:

CS112	Programming 1	1	30
CS121	Programming with Python	1	30

Not all optional modules on this list will be available in each academic year.

Cyber Security and Software Engineering Specialisms

Compulsory Modules

Module Code	Module Title	Level	Credits
CS112	Programming 1	1	30
CS113	Information and Data 1	1	20
CS119	Problem Solving	1	10
CS120	Introduction to Software Engineering	1	10
CS274	Work Based Learning 1	2	10
OB206	Business and Management Fundamentals	1	20

Third Year

All students shall undertake modules amounting to 100 credits as follows:

Business Analysis and IT Consultant Specialisms

Compulsory Modules

Module Code	Module Title	Level	Credits
CS273	Introduction to Databases	2	15
CS255	Professional Issues	2	10
CS276	Software Engineering Principles for Business	2	10
CS353	Fundamentals of Data Analytics	3	15
CS362	Work Based Learning 2	3	10
OB205	Foundational Principles of Business Analysis and Technology	2	20
OB304	Managing People for Innovation and Performance	3	20

Cyber Security and Software Engineering Specialisms

Compulsory Modules

Module Code	Module Title	Level	Credits
CS252	Software Engineering 2	2	20
CS253	Information and Data 2	2	20
CS255	Professional Issues	2	10
CS275	Programming: Data Structures and Algorithms	2	20
CS362	Work Based Learning 2	3	10
CS363	Principles of Computer Networks	3	10
CS364	Programming Project	3	10

Fourth Year
All students shall undertake modules amounting to 100 credits as follows:

Business Analysis and IT Consultant Specialisms

Compulsory Modules

Module Code	Module Title	Level	Credits
CS272	Introduction to Computer Networks	2	10
CS365	Software Engineering Group Project	3	20
CS3XX	User Interface Design	3	20
CS423	Cyber Security	4	10
CS460	Work Based Learning 3	4	10
OB310	Project Management Basics	3	20

Optional Modules

Together with 10 credits from the following

Module Code	Module Title:	Level	Credits
OB403	Entrepreneurial Mindset in the Workplace	4	10
OB405	Service Operations and Simulation	4	10

Cyber Security Specialism

Compulsory Modules

Module Code	Module Title	Level	Credits
CS356	Group Project	3	15
CS368	Programming: Concurrency	3	10
CS369	Advanced Computer Security	3	15
CS370	Information Security Management	3	15
CS371	Security Vulnerability Testing	3	15
CS454	Fundamentals of Cyber Security	4	20
CS460	Work Based Learning 3	4	10

Software Engineering Specialism
Compulsory Modules

Module Code	Module Title	Level	Credits
CS351	Programming 3	3	15
CS352	Software Engineering 3	3	15
CS355	User-Centred Design	3	15
CS356	Group Project	3	15
CS423	Cyber Security	4	10
CS460	Work Based Learning 3	4	10

Optional Modules

Together with 20 credits from the following:

Module Code	Module Title	Level	Credits
CS451	Design Patterns and Software Architecture	4	20
CS456	Cloud Computing	4	20

Fifth Year
All students shall undertake one of the modules amounting to 60 credits as follows depending on their specialism:

Module Code	Module Title	Level	Credits
CS461	Business Analyst Synoptic Project	4	60

CS462	Cyber Security Synoptic Project	4	60
CS463	IT Consultant Synoptic Project	4	60
CS464	Software Engineer Synoptic Project	4	60

Progress

5. In order to progress to the third year of the course, a student must have accumulated at least 220 credits from the programme curriculum.

6. In order to progress to the fourth year of the course, a student must have accumulated at least 320 credits from the programme curriculum.

7. In order to progress to the fifth year of the course, a student must have accumulated at least 420 credits from the programme curriculum.

Final Honours Classification

8. The final Honours classification will normally be based on the first assessed attempt at the level 3 and level 4 compulsory and, where appropriate, specified optional modules.

Award

9. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level for the **BSc with Honours in Digital and Technology Solutions with Specialisation** in a given topic a candidate must follow the curriculum for their specialism and have undertaken 60 credits at Level 4 in subjects related to the specialisation.

10. **BSc**: In order to qualify for the award of the degree of **BSc in Digital and Technology Solutions**, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

11. **Diploma of Higher Education**: In order to qualify for the award of a **Diploma of Higher Education in Digital and Technology Solutions**, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

12. **Certificate of Higher Education:** In order to qualify for the award of a **Certificate of Higher Education in Digital and Technology Solutions**, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

IT: MANAGEMENT FOR BUSINESS

Bachelor of Science with Honours in IT: Management for Business
Bachelor of Science in IT: Management for Business
Diploma of Higher Education in IT: Management for Business
Certificate of Higher Education in IT: Management for Business

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

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

Mode of Study
2. The programmes are available via on campus study (Open Access) or off campus (Distance Learning) on a full-time basis.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS119	Problem Solving	1	10
CS122	Introduction to Software Engineering	1	10
CS121	Programming with Python	1	30
CS255	Professional Issues	2	10
OB101	Organisations and the Contemporary Business Environment	1	30
OB105	Understanding Business Finance and Financial Services	1	30

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS253	Information and Data 2 (GA)	2	20
CS366	Data Analytics	3	20

CS272	Introduction to Computer Networks	2	10
OB207	Managing within a Global Environment	2	30
OB203	Managing People for Performance and Innovation	2	40

Third Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS252	Software Engineering 2	2	20
CS365	Software Engineering Group Project	3	20
CS367	Introduction to Cyber Security	3	20
OB311	Business Analysis and Technology Fundamentals	3	40
OB310	Project Management Basics	3	20

Fourth Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS473	IT: Management for Business Project	4	60
OB402	Strategy, Risk and Scenario Planning	4	40

Students must take 20 credits of Optional Modules from the list below.

Optional Modules

Module Code	Module Title	Level	Credits
OB403	Entrepreneurial Mindset in the Workplace	4	10
OB404	Financial Services	4	10
OB405	Operations Management and Simulation	4	10
OB406	Design Thinking for Strategy and Innovation	4	10

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Such other modules totalling no more than 20 credits as may be approved by the Programme Director.

Progress

4. To progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

5. To progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level including at least 240 credits from the programme curriculum including 120 credits at Level 2 or above.

6. To progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level including at least 360 credits from the programme curriculum including 120 credits at Level 3 or above.

Final Honours Classification

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

Award

8. **BSc with Honours**: In order to qualify for the degree of BSc with Honours in IT: Management for Business, General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

9. **BSc**: In order to qualify for the award of the degree of BSc in IT: Management for Business, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in IT: Management for Business, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply

11. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in IT: Management for Business, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

IT: SOFTWARE DEVELOPMENT

Bachelor of Science with Honours in IT: Software Development
Bachelor of Science in IT: Software Development
Diploma of Higher Education in IT: Software Development
Certificate of Higher Education in IT: Software Development

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

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

Mode of Study
2. The programmes are available flexibly via on campus study (Open Access) or off campus (Distance Learning) on a full-time basis.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS112	Programming 1 (GA)	1	30
CS113	Information and Data 1 (GA)	1	20
CS115	Integrated Project 1 (GA)	1	30
CS119	Problem Solving	1	10
CS120	Introduction to Software Engineering	1	10
OB206	Business and Management Fundamentals	2	20

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS251	Programming 2 (GA)	2	30
CS252	Software Engineering 2 (GA)	2	20

CS253	Information and Data 2 (GA)	2	20
CS254	Memory and Structure (GA)	2	10
CS255	Professional Issues (GA)	2	10
CS256	Integrated Project 2 (GA)	2	30

Third Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS351	Programming 3	3	15
CS352	Software Engineering 3	3	15
CS353	Fundamentals of Data Analytics	3	15
CS354	Computer Networks	3	15
CS355	User-Centred Design	3	15
CS356	Group Project	3	15
CS357	Integrated Project 3	3	30

Fourth Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS454	Fundamentals of Cyber Security	4	20
CS455	Individual Work-Based Project	4	40

Students must take 60 credits of Optional Modules from the list below.

Optional Modules

Module Code	Module Title	Level	Credits
CS451	Design Patterns and Software Architecture	4	20
CS452	Developing Cross-Platform Apps for Mobile Devices	4	20
CS453	Introduction to Artificial Intelligence	4	20

CS456	Cloud Computing	4	20
CS457	Machine Learning	4	20
CS458	Computational Approaches to Optimisation	4	20
CS459	Digital Forensics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Such other modules totalling no more than 20 credits as may be approved by the Programme Director.

Progress

4. To progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

5. To progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level including at least 240 credits from the programme curriculum including 120 credits at Level 2 or above.

6. To progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level including at least 360 credits from the programme curriculum including 120 credits at Level 3 or above.

Final Honours Classification

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

Award

8. **BSc with Honours**: In order to qualify for the degree of BSc with Honours in IT: Software Development, General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and students must gain a pass for CS455 Individual Work Based Project.

9. **BSc**: In order to qualify for the award of the degree of BSc in IT: Software Development, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in IT: Software Development, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

11. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in IT: Software Development, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

SOFTWARE ENGINEERING - Bahrain

Bachelor of Science with Honours in Software Engineering - Bahrain
Bachelor of Science in Computer Science - Bahrain
Diploma of Higher Education in Computer Science – Bahrain
Certificate in Higher Education in Natural Sciences

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study
2. Students will study at the University of Strathclyde - Bahrain. The programme includes placement out with the University campus.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year
All students shall undertake modules amounting to 125 credits delivered by Study Group Ltd as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
MM157	Mathematics 1	1	20
CS128	Computing 1	1	20
CS129	Computing 2	1	20
MM156	Graph Theory	1	20
XXXXX	Electronics	1	10

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS283	Advanced Programming	2	20

CS282	Logic and Algorithms	2	20
CS281	User and Data Modelling	2	20
CS280	Computer Systems and Architecture	2	20
CS279	Professional Issues in Computing	2	10
CS278	Quantitative Methods for Computer Science	2	10
CS277	Functional Thinking	2	10
CS125	Technology in Business	1	10

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS376	Building Software Systems	3	20
CS374	Computer Systems and Concurrency	3	20
CS375	Foundations of Artificial Intelligence	3	20
CS377	Web Applications Development	3	20
CS373	Functional Programming	3	20
CS372	Mobile App Development	3	20

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 Programme Director; this shall constitute the module CS472 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 Programme 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.

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS467	Software Architecture and Design	4	20

CS466	Individual Project	4	40
CS465	Computer Security	4	20

Students must take 40 credits of Optional Modules from the list below.

Optional Modules

Module Code	Module Title	Level	Credits
CS469	Advanced Functional Programming	4	20
CS471	Theory of Computation	4	20
CS468	Information Access and Mining	4	20
CS470	Human Centred Security	4	20

Such other Level 4 modules as may be approved by the Programme Director.
Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

4. In order to progress to second year, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply. In addition, students must have passed Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt

5. In order to progress to the third year of the programme, in addition to satisfying the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, a student must also gain a non-compensated pass for the module CS283 Advanced Programming.

6. In order to progress to the fourth year of the programme, a student must satisfy the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum.

Final Honours Classification

7. The final Honours classification will normally be based on the first assessed attempt at all modules taken at Levels 3 and 4.

Award Subject to the completion of additional national requirements

8. **BSc with Honours in Software Engineering - Bahrain**: 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 programme curriculum and must include CS466 Individual Project and CS472 Industrial Placement.

A candidate who withdraws or is withdrawn from the programme up to and including Year 3 may be given one of the following exit awards depending on their credit total:

9. **BSc in Computer Science - Bahrain**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and must include 100 credits at Level 3.

10. **Diploma of Higher Education in Computer Science - Bahrain**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **Certificate of Higher Education in Natural Sciences:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

12. **BSc with Honours in Computer Science - Bahrain**: a candidate who fails to secure an industrial placement between Year 3 and Year 4 will be transferred to BSc with Honours in Computer Science - Bahrain, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCES

SOFTWARE ENGINEERING

Bachelor of Science with Honours in Software Engineering
Bachelor of Science in Computer Science
Diploma of Higher Education in Computer Science
Certificate of Higher Education in Computer Science

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

Mode of Study
1. The programme is available by full-time study only.

Place of Study
2. The programme includes placement out with the University campus.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS101	Topics in Computing 1	1	20
CS103	Machines, Learning and Computation	1	20
CS104	Information and Information Systems	1	20
CS105	Programming Foundations	1	20
CS106	Computer Systems and Organisation	1	20
CS124	Technology in Business	1	10
	Elective Module*		10

*With the approval of the Advisor of Study a student may replace the elective with a Vertically Integrated Project (VIP).

Second Year
All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits

CS207	Advanced Programming	2	20
CS208	Logic and Algorithms	2	20
CS209	User and Data Modelling	2	20
CS210	Computer Systems and Architecture	2	20
CS211	Professional Issues in Computing	2	10
CS259	Quantitative Methods for Computer Science	2	10
CS260	Functional Thinking	2	10
	Elective Module*		10

*With the approval of the Advisor of Study a student may replace the elective with a Vertically Integrated Project (VIP), however, direct entrants to second year must take CS124 Technology in Business in place of this elective.

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS308	Building Software Systems	3	20
CS313	Computer Systems and Concurrency	3	20
CS310	Foundations of Artificial Intelligence	3	20
CS312	Web Applications Development	3	20
CS317	Mobile App Development	3	20

Optional Modules

20 credits of optional modules chosen from:

Module Code	Module Title	Level	Credits
CS316	Functional Programming	3	20
CS378	Introduction to Human-Computer Interaction	3	20

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 Programme Director; this shall constitute the module CS415 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 Programme 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.

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS407	Computer Security	4	20
CS408	Individual Project	4	40
CS409	Software Architecture and Design	4	20

40 credits of optional modules chosen from:

Optional Modules

Module Code	Module Title	Level	Credits
CS410	Advanced Functional Programming	4	20
CS411	Theory of Computation	4	20
CS412	Information Access and Mining	4	20
CS414	Digital Forensics	4	20
CS426	Human Centred Security	4	20
CS427	IBM IT Architectures	4	20
Such other Level 4 or Level 5 modules as may be approved by the Programme Director.			

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

4. In order to progress to the second year of the programme, in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, a student must also gain a non-compensated pass for the module CS105 Programming Foundations.

5. In order to progress to the third year of the programme, in addition to satisfying the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level with credits from the programme curriculum, a student must also gain a non-compensated pass for the module CS207 Advanced Programming.

6. In order to progress to the fourth year of the programme, a student must satisfy the requirements of the General Academic Regulations – Undergraduate, Integrated Master

and Professional Graduate Degree Programme Level with credits from the programme curriculum.

Final Honours Classification

7. The final Honours classification will normally be based on the first assessed attempt at all modules taken at Levels 3 and 4.

Award

8. **BSc with Honours in Software Engineering**: 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 programme curriculum and must include CS408 Individual Project and CS415 Industrial Placement.

A candidate who withdraws or is withdrawn from the programme up to and including Year 3 may be given one of the following exit awards depending on their credit total:

9. **BSc in Computer Science**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and must include 100 credits at Level 3.

10. **Diploma of Higher Education in Computer Science**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **Certificate of Higher Education in Computer Science**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

12. **BSc with Honours in Computer Science**: a candidate who fails to secure an industrial placement between Year 3 and Year 4 will be transferred to BSc with Honours in Computer Science, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

FACULTY PROGRAMMES

APPLIED SCIENCE SKILLS

Certificate in Applied Science Skills

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

Status of the Programme

1. All students are admitted to the Certificate via a selection process in partnership with ENABLE Scotland.

Mode of Study

2. The programme is available on campus over an 8-week teaching block.

Curriculum

3. All students shall undertake module(s) amounting to 20 credits as follows:

Compulsory Module(s)

Module Code	Module Title	Level	Credits
SF108	Breaking Barriers Fundamentals of Science	1 (SCQF Level 6)	15
SF109	Breaking Barriers Science Placement	1 (SCQF Level 6)	5

Progress

4. In order to progress to the Breaking Barriers Science Placement, a student must have accumulated at least 15 credits from the course curriculum.

5. At the end of their placement with industry, students will have to deliver a portfolio of evidence of the tasks they will undertake, along with a reflection on their experience.

Award

6. **Certificate**: In order to qualify for the award of the Certificate in Applied Science Skills, a candidate must have accumulated no fewer than 20 credits from the programme curriculum.

FACULTY OF SCIENCE

FACULTY PROGRAMMES

NATURAL SCIENCES

Bachelor of Science with Honours in Natural Sciences
Bachelor of Science with Honours in Natural Sciences (named subjects)
Bachelor of Science in Natural Sciences
Bachelor of Science in Natural Sciences (named subjects)
Diploma of Higher Education in Natural Sciences
Certificate of Higher Education in Natural Sciences

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

Curriculum (Full-time study)
1. All students shall undertake an approved curriculum as follows:

First Year

Compulsory Modules

Module Code	Module Title	Level	Credits
SC101	Natural Science*	1	120

Second Year

All full-time students shall normally undertake modules amounting to at least 120 credits, of which at least 100 are Science modules at Level 2 or above.

Third Year

For students intending to obtain a Bachelor Degree: All full-time students will normally take modules amounting to at least 120 credits, of which at least 60 are Science modules at Level 3 or above.

For students intending to obtain an honours degree: All full-time students will normally take modules amounting to at least 120 credits, of which at least 90 are Science modules at Level 3 or above.

Fourth Year

All full-time students will normally take modules amounting to at least 120 credits, of which at least 100 are Science modules at Level 4.

Curriculum (Part-time study)
2. Students studying on a part-time basis will normally take modules amounting to at least 60 credits in each year, subject to the approval of the Programme Director.

Progress (Full-time study)

3. In order to progress to the second year of the programme, a student must have accumulated 120 credits from the programme curriculum and meet the progression requirements of the degree they are shadowing, as outlined in the degree regulations and handbook for that programme.

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

5. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. 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)

7. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

8. The final Honours classification for the degree of BSc in the chosen programme will normally be based on the first assessed attempt at the approved modules that are taken in the third and fourth years.

Award

9. The degree may be awarded either as the BSc in Natural Sciences or as the BSc in Natural Sciences (named subjects).

10. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Natural Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level; with at least 270 credits from Science modules. The Science modules must include a minimum of 90 credits at Level 3 and 90 credits at Level 4.

11. **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 programme curriculum of which at least 340 credits shall come from Science modules. The Science modules must include a minimum of 90 credits at Level 3 and 90 credits at Level 4 in the subjects of the named degree.

12. **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 programme curriculum of which at least 180 credits shall come from Science modules. The Science modules must include a minimum of 100 credits at Level 2 and a minimum of 60 credits at Level 3.

13. **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 programme curriculum of which at least 250 credits shall come from Science modules. The Science modules 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.

14. **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 programme curriculum. These must include 160 credits from Science modules of which a minimum of 100 must be at Level 2 or above.

15. **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.

Transfer

16. Students entering first year are eligible to transfer to any Faculty of Science degree provided they satisfy the programme progression requirements outlined in the regulations and/or handbook.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

DATA ANALYTICS

Bachelor of Science with Honours in Data Analytics
Bachelor of Science in Data Analytics
Diploma of Higher Education in Data Analytics
Certificate of Higher Education in Data Analytics

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

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

Place of Study
2. On-campus or "face to face learning in an approved physical location" is the default Mode of Delivery.

Curriculum
3. All students shall undertake an approved curriculum as follows:

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS103	Machines, Languages and Computation	1	20
CS104	Information and Information Systems	1	20
CS105	Programming Foundations	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM106	Essential Statistics	1	10
MM147	Algebra and Geometry	1	10

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS207	Advanced Programming	2	20

CS208	Logic and Algorithms	2	20
CS209	User and Data Modelling	2	20
MM204	Probability and Statistical Inference	2	20
MM206	Mathematical and Statistical Computing	2	20
MM221	Linear Algebra	2	10
MM222	Multivariate Calculus	2	10

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS308	Building Software Systems	3	20
MM304	Inference and Regression Modelling	3	20
MM307	Stochastics and Financial Econometrics	3	20
	Elective Module(s)		20

Optional Modules

40 credits chosen by Honours students from the list below; and by other students from the list below or other modules approved by the Programme Director.

Module Code	Module Title	Level	Credits
CS310	Foundations of Artificial Intelligence	3	20
CS312	Web Applications Development	3	20
CS316	Functional Programming	3	20
CS317	Mobile App Development	3	20

Fourth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
MM490	Data Analytics*	4	120

*MM490 Data Analytics comprises either:

- MM401 Communicating Mathematics and Statistics (20 credits) or
- CS408 Individual Project (Computer Science) (40 credits); and
- optional modules chosen from Lists A and B (or another module approved by the Programme Director) so that no curriculum contains no fewer than 40 credits from each List.

Optional Modules

List A

Module Code	Module Title	Level	Credits
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM409	Mathematical Introduction to Networks	4	20
MM415	Medical Statistics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B

Module Code	Module Title	Level	Credits
CS409	Software Architecture and Design	4	20
CS410	Advanced Functional Programming	4	20
CS411	Theory of Computation	4	20
CS412	Information Mining and Access	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

4. In order to progress to the second year of the BSc Honours in Data Analytics programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143 Mathematical Foundations and MM144 Calculus 1.

5. In order to progress to the second year of the BSc in Data Analytics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. In order to progress to the third year of the BSc Honours in Data Analytics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

7. In order to progress to the third year of the BSc in Data Analytics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the fourth year of the BSc Honours in Data Analytics programme a student must have accumulated at least 100 credits at level 3.

Final Assessment and Classification

9. On successful completion of the fourth year, a student will be awarded 120 Level 4 credits under the module code MM490.

10. 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 modules at Levels 3 and 4 taken in the third and fourth years.

Award

11. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Data Analytics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **BSc**: In order to qualify for the award of the degree of BSc in Data Analytics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Data Analytics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Data Analytics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS

MATHEMATICS

Graduate Diploma in Mathematics
Graduate Diploma in Mathematics and Statistics

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

Duration of Study

1. For full-time study, the minimum duration is 9 months, and the maximum is 24 months. For part-time study, the minimum duration shall be the learning equivalent of the full-time study period taking account of the conditions under which the student will work, the maximum duration is 48 months.

Mode of Study

2. The programmes are available by full-time and part-time study.

Curriculum

3. All full-time students shall undertake modules amounting to 120 credits as follows:

Compulsory Module

Mathematics

Module Code	Module Title	Level	Credits
MM482	Mathematics*	4	120

*MM482 Mathematics comprises modules amounting to 120 credits chosen from lists A and B below

Mathematics and Statistics

Module Code	Module Title	Level	Credits
MM483	Mathematics and Statistics*	4	120

*MM483 Mathematics and Statistics comprises of all List A modules, MM415 Medical Statistics (20 credits) and modules amounting to 60 credits chosen from List B or another module approved by the Programme Director.

Optional Modules

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20

MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20

List B – subject to availability

Module Code	Module Title	Level	Credits
MM403	Applicable Analysis 3	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Examination, Progress and Final Assessment

4. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

Award

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

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS AND COMPUTER SCIENCE

Bachelor of Science with Honours in Mathematics and Computer Science
Bachelor of Science in Mathematics and Computer Science
Diploma of Higher Education in Mathematics and Computer Science
Certificate of Higher Education in Mathematics and Computer Science

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

Mode of Study
1. The programmes are available by full-time study.

Curriculum
2. All students shall undertake an approved curriculum as follows:

First Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS103	Machines, Languages and Computation	1	20
CS104	Information and Information Systems	1	20
CS105	Programming Foundations	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM106	Essential Statistics	1	10
MM147	Algebra and Geometry	1	10
	Elective Module		10

Second Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CS207	Advanced Programming	2	20

CS208	Logic and Algorithms	2	20
CS209	User and Data Modelling	2	20
MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20
MM203	Applicable Analysis	2	20
	Elective Module		10

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CS308	Building Software Systems	3	20
MM302	Differential Equations	3	20

Optional Modules

80 credits chosen by Honours students from Lists A and B or another module approved by the Programme Director, including at least 20 credits from List A and at least 20 credits from List B; and by other students from Lists A, B, and C.

List A

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM303	Applicable Analysis 2	3	20
MM306	Numerical Analysis	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B

Module Code	Module Title	Level	Credits
CS310	Foundations of Artificial Intelligence	3	20
CS312	Web Applications Development	3	20

CS316	Functional Programming	3	20
CS317	Mobile App Development	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List C

Modules listed in First and Second Year not previously taken, or further Elective Modules (this applies to direct entry students and students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules).

Fourth Year

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

Compulsory Class

Module Code	Module Title	Level	Credits
MM420	Mathematics and Computer Science*	4	120

*MM420 Mathematics and Computer Science comprises

- either MM401 Communicating Mathematics and Statistics (20 credits) or
- CS408 Individual Project (Computer Science) (40 credits); and
- optional modules chosen from Lists A and B (or another module approved by the Programme Director) so that the curriculum contains no fewer than 40 credits in each List.

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM403	Applicable Analysis 3	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B

Module Code	Module Title	Level	Credits

CS409	Software Architecture and Design	4	20
CS410	Advanced Functional Programming	4	20
CS411	Theory of Computation	4	20
CS412	Information Mining and Access	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

3. In order to progress to the second year of the BSc Honours in Mathematics and Computer Science programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143 Mathematical Foundations and MM144 Calculus 1.

4. In order to progress to the second year of the BSc in Mathematics and Computer Science programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

5. In order to progress to the third year of the BSc Honours in Mathematics and Computer Science programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM201 Linear Algebra and Differential Equations.

6. In order to progress to the third year of the BSc in Mathematics and Computer Science programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

7. In order to progress to the fourth year of the BSc Honours in Mathematics and Computer Science programme a candidate must have accumulated at least 120 credits at Level 3.

Final Assessment and Classification

8. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM420.

9. The final classification for the degree of BSc with Honours in Mathematics and Computer Science will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 3 and 4 taken in the third and fourth years.

Award

10. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics and Computer Science, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics and Computer Science, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematics and Computer Science, see General Academic Regulations –

Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematics and Computer Science, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS AND PHYSICS

Bachelor of Science with Honours in Mathematics and Physics
Bachelor of Science in Mathematics and Physics
Diploma of Higher Education in Mathematics and Physics
Certificate of Higher Education in Mathematics and Physics

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

Mode of Study

1. The programmes are available by both full-time and part time study. Students studying on a part-time basis will normally take modules amounting to 60/70 credits in each year.

Curriculum (Full-time study)

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM147	Algebra and Geometry	1	10
MM106	Essential Statistics	1	10
PH180	Experimental Physics	1	20
PH183	Mechanics and Waves	1	20
PH184	Quantum Physics and Electromagnetism	1	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM201	Linear Algebra and Differential Equations	2	20

MM202	Advanced Calculus	2	20
MM206	Mathematical and Statistical Computing	2	20
PH283	Mechanics and Waves	2	20
PH284	Quantum Physics and Electromagnetism	2	20
	Elective Module(s)		20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM302	Differential Equations	3	20
PH384	Quantum Physics and Electromagnetism	3	20
PH326	Condensed Matter Physics	3	20
PH327	Gases, Liquids and Thermodynamics	3	20

Optional Modules

20 credits chosen by Honours students from List A, or another module approved by the Programme Director; and by other students from Lists A and B.

List A

Module Code	Module Title	Level	Credits
MM301	Linear Algebra	3	20
MM305	Mechanics of Rigid Bodies and Fluids	3	20
MM306	Numerical Analysis	3	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B
Modules listed in Programme Handbook and Optional Modules not previously taken.

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

Compulsory Modules

Mathematics and Physics

Module Code	Module Title	Level	Credits
MM430	Mathematics and Physics	4	120

MM430 Mathematics and Physics comprises:

Module Code	Module Title	Level	Credits
MM401	Communicating Mathematics and Statistics	4	20
Or			
PH450	Project (Physics)	4	40

and Optional Modules chosen from lists A and B (or another module approved by the Programme Director) so that the curriculum contains no fewer than 40 credits in each list.

Optional Modules

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM407	Applied Statistics in Society	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20
MM415	Medical Statistics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B

Module Code	Module Title	Level	Credits
PH421	Applied High Performance Computing	4	20

PH422	Topics in Quantum Mechanics	4	20
PH423	Complex and Nonlinear Systems	4	20
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

6. In order to progress to the second year of the BSc Honours in Mathematics and Physics programme in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143 Mathematical Foundations and MM144 Calculus 1.

7. In order to progress to the second year of the BSc in Mathematics and Physics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. In order to progress to the third year of the BSc Honours in Mathematics and Physics programme in addition to satisfying the requirements of General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following module: MM201 Linear Algebra and Differential Equations.

9. In order to progress to the third year of the BSc in Mathematics and Physics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. In order to progress to the fourth year of the BSc Honours in Mathematics and Physics programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

11. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

12. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM430 Mathematics and Physics.

13. 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 modules at Levels 3 and 4 taken in the third and fourth years.

Award

14. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics and Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics and Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematics and Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematics and Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS, STATISTICS AND ACCOUNTING

Bachelor of Science with Honours in Mathematics, Statistics and Accounting
Bachelor of Science in Mathematics, Statistics and Accounting
Diploma of Higher Education in Mathematical Studies
Certificate of Higher Education in Mathematical Studies

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

Status of the Programmes

1. All students are normally admitted in the first instance as Honours students. Transfer to the BSc in Mathematics, Statistics and Accounting is possible at any time subject to satisfying the appropriate progress regulations. Students wishing to obtain professional accreditation in Accounting should consult the Adviser of Study (Accounting) regarding their choice of optional modules. To be eligible for accreditation students may be required to take an additional 20 credit module.

Mode of Study

2. The programmes are available by full-time study.

Curriculum

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

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG111	Accounting Technologies	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM145	Introduction to Geometry and Algebra	1	20
MM106	Essential Statistics	1	10
MM107	Data Analysis and Presentation	1	10

Optional Modules

Module Code	Module Title	Level	Credits
AG105	Introduction to Finance and Financial Statistics*	1	20

	Elective Module(s)		20

*Must be taken by students seeking professional accreditation in Accounting and can be taken as an elective module.

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG218	Intermediate Financial Reporting	2	20
AG219	Cost and Management Accounting	2	20
MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20
MM204	Probability and Statistical Inference	2	20

Optional Modules

20 credits chosen from the following list or another module approved by the Programme Director.

Module Code	Module Title	Level	Credits
BF112/BF113	Introduction to Tourism Studies and Managing People	1	20
BF114/BF115	Introduction to Economics and Business Analysis	1	20
BF127/BF128	Introduction to Marketing and Entrepreneurship	1	20
MM206	Mathematical and Statistical Computing	2	20

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG308	Auditing and Assurance	3	10
AG309	Governance and Accounting Ethics	3	10
AG310	Contemporary Management Accounting	3	10
AG311	Advanced Financial Reporting	3	10

MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20

Optional Modules

Honours students should take 40 credits from Lists A and B or another module approved by the Programme Director, including at least 20 credits from List A; and other students should select 40 credits from Lists A, B and C.

List A

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis	3	20
MM307	Stochastics and Financial Econometrics	3	20

List B

Module Code	Module Title	Level	Credits
AG314	Taxation*	3	20

*Students seeking professional accreditation in Accounting must take this option.

List C

Modules in First and Second Year not previously taken or further Optional Modules as approved by the Programme Director (this applies to students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules).

Fourth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
MM450	Mathematics and Accounting*	4	120

*MM450 Mathematics and Accounting comprises:

- Either MM401 Communicating Mathematics and Statistics (20 credits) plus 100 credits of optional modules with no fewer than 20 credits from each of Lists A and B and 40 credits from List C or other modules as approved by the Programme Director.
  Or
- AG435 Accounting Dissertation (40 credits); plus 80 credits of optional modules with no fewer than 20 credits from each of Lists A, B and C or other modules as approved by the Programme Director.

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM415	Medical Statistics	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List B

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List C

Module Code	Module Title	Level	Credits
AG415	Contemporary Issues in International Financial Reporting	4	20
AG416	Management Accounting Theory and Practice	4	20
AG419	Accounting and Risk	4	20
AG420	Auditing Theory and Practice	4	20
AG422	Accounting Ethics	4	20
AG438	Understanding Accounting Technologies and Institutional Structures	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

4. In order to progress to the second year of the **BSc Honours in Mathematics, Statistics and Accounting** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143Mathematical Foundations MM144 Calculus 1 and AG111 Accounting Technologies.

5. In order to progress to the second year of the **BSc in Mathematics, Statistics and Accounting** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following module: AG111 Accounting Technologies.

6. In order to progress to the third year of the **BSc Honours in Mathematics, Statistics and Accounting** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM201 Linear Algebra and Differential Equations, MM204 Probability and Statistical Inference, AG218 Intermediate Financial Reporting and AG219 Cost and Management Accounting.

7. In order to progress to the third year of **the BSc in Mathematics, Statistics and Accounting** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: AG218 Intermediate Financial Reporting and AG219 Cost and Management Accounting.

8. In order to progress to the fourth year of the **BSc Honours in in Mathematics, Statistics and Accounting** programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply with at least 100 credits at Level 3, including a pass in the following modules: AG309 Governing and Accounting Ethics, AG308 Auditing and Assurance, AG310 Contemporary Management Accounting and AG311 Advanced Financial Reporting.

Final Assessment and Classification

9. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM450.

10. 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 modules at Levels 3 and 4 taken in the third and fourth years.

Award

11. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Accounting, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Accounting, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include AG218 Intermediate Financial Reporting, AG219 Cost and Management Accounting, AG309 Governance and Accounting Ethics, AG308 Auditing and Assurance, AG310 Contemporary Management Accounting and AG311 Advanced Financial Reporting.

13. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS, STATISTICS AND BUSINESS ANALYSIS

Bachelor of Science with Honours in Mathematics, Statistics and Business Analysis
Bachelor of Science in Mathematics, Statistics and Business Analysis
Diploma of Higher Education in Mathematical Studies
Certificate of Higher Education in Mathematical Studies

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

Mode of Study

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

Curriculum

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

3. First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM145	Introduction to Geometry and Algebra	1	20
MM106	Essential Statistics	1	10
MM107	Data Analysis and Presentation	1	10
BF114	Introduction to Economics and Business Analysis	1	20
	Elective Module(s)		20

4. Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20

MM204	Probability and Statistical Inference	2	20
MM206	Mathematical and Statistical Computing	2	20
MS210	Analysing and Improving Operations	2	20
MS211	Managing Business Processes and Information Systems	2	20

5. Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20
MS311	Knowledge and Innovation Management	3	20
MS361	Understanding and Optimizing Business Systems	3	20

Optional Modules

40 credits chosen by Honours students from List A or other modules approved by the Programme Director; and by other students from Lists A and B.

List A

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis	3	20
MM307	Stochastics and Financial Econometrics	3	20

List B

Modules in First and Second Year not previously taken or further Elective Modules (this applies to direct entry students and students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules).

6. Fourth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
MM481	Mathematics and Business Analysis*	4	120

*MM481 Mathematics and Business Analysis comprises of

- Either MM401 Communicating Mathematics and Statistics (20 credits) plus 100 credits of optional modules with no fewer than 20 credits from each of Lists A and B and no fewer than 40 credits from List C or other modules as approved by the Programme Director.
  Or
- MS424 Dissertation in Management Science (40 credits); plus 80 credits of optional modules with no fewer than 20 credits from each of Lists A, B and C or other modules as approved by the Programme Director.

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM415	Medical Statistics	4	20

List B

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

List C

Module Code	Module Title	Level	Credits
MS416	Business Analytics Using Data Mining	4	20
MS428	Business Analysis and Practice	4	20
MS422	Risk Analysis and Management	4	20
MS426	Contemporary Business Technology	4	20
MS429	Project Management	4	20

Not all optional modules in these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

7. In order to progress to the second year of the **BSc Honours in Mathematics, Statistics and Business Analysis** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143Mathematical Foundations MM144Calculus 1 and BF114 Introduction to Economics and Business Analysis.

8. In order to progress to the second year of the **BSc in Mathematics, Statistics and Business Analysis** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following module: BF114 Introduction to Economics and Business Analysis.

9. In order to progress to the third year of the **BSc Honours in Mathematics, Statistics and Business Analysis** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM201 Linear Algebra and Differential Equations, MM204 Probability and Statistical Inference and MS211 Managing Business Processes and Information Systems.

10. In order to progress to the third year of the **BSc in Mathematics, Statistics and Business Analysis** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MS211 Managing Business Processes and Information Systems and MS210 Analysing and Improving Operations.

11. In order to progress to the fourth year of the **BSc Honours in Mathematics, Statistics and Business Analysis** programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply with at least 120 credits at Level 3 including a pass in the following modules: MS361 Understanding and Optimizing Business Systems and MS311 Knowledge and Innovation Management.

Final Assessment and Classification

12. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM481 Mathematics and Business Analysis.

13. 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 modules at Levels 3 and 4 taken in the third and fourth years.

Award

14. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Business Analysis, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Business Analysis, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include BF114 Introduction to Economics and Business Analysis, MS211 Managing Business Processes and Information Systems, MS210 Analysing and Improving

Operations, MS361 Understanding and Optimizing Business Systems and MS311 Knowledge and Innovation Management.

16. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS, STATISTICS AND ECONOMICS

Bachelor of Science with Honours in Mathematics, Statistics and Economics
Bachelor of Science in Mathematics, Statistics and Economics
Diploma of Higher Education in Mathematical Studies
Certificate of Higher Education in Mathematical Studies

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

Mode of Study

1. The programmes are available by both full-time and part time study. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Curriculum (Full-time study)

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

3. First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF114	Introduction to Economics and Business Analysis	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM145	Introduction to Geometry and Algebra	1	20
MM106	Essential Statistics	1	10
MM107	Data Analysis and Presentation	1	10
	Elective Module(s)		20

4. Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EC215	Intermediate Microeconomics	2	20

EC216	Intermediate Macroeconomics and Data Analysis	2	20
MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20
MM204	Probability and Statistical Inference	2	20
MM206	Mathematical and Statistical Computing	2	20

5. Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
EC315	Topics in Microeconomics with Cross Section Econometrics	3	20
EC316	Topics in Macroeconomics with Time Series Econometrics	3	20
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20

Optional Modules

40 credits to be chosen by Honours students from Lists A and B or other modules approved by the Programme Director; and by other students from Lists A and B.

List A

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis 3	3	20
MM307	Stochastics and Financial Econometrics	3	20

List B

Modules in First and Second Year not previously taken or further Elective Modules (this applies to direct entry students and students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules).

6. Fourth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
MM460	Mathematics and Economics*	4	120

*MM460 Mathematics and Economics comprises:

- Either MM401 Communicating Mathematics and Statistics (20 credits) or
- EC419 Project BSc (Economics) (20 credits).
- Plus no fewer than 20 credits from Lists A and B and no fewer than 40 credits from List C or other modules approved by the Programme Director.

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM415	Medical Statistics	4	20

List B

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

List C

Module Code	Module Title	Level	Credits
EC412	Industrial Economics	4	20
EC413	Applied Economics	4	20
EC415	Behavioural Economics	4	20
EC416	Natural Resource and Environmental and Energy Economics	4	20
EC420	Labour Economics	4	20

EC421	Advanced Microeconomics	4	20
EC422	Advanced Macroeconomics	4	20

Progress

7. In order to progress to the second year of the **BSc Honours in Mathematics, Statistics and Economics programme** in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules:MM143Mathematical Foundations, MM144 Calculus 1 and BF114 Introduction to Economics and Business Analysis.

8. In order to progress to the second year of the **BSc in Mathematics, Statistics and Economics** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following module: BF114 Introduction to Economics and Business Analysis.

9. In order to progress to the third year of the **BSc Honours in Mathematics, Statistics and Economics** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM201 Linear Algebra and Differential Equations, MM204 Probability and Statistical Inference EC215 Intermediate Microeconomics and EC216 Intermediate Macroeconomics and Data Analysis.

10. In order to progress to the third year of the **BSc in Mathematics, Statistics and Economics** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: EC215 Intermediate Microeconomics and EC216 Intermediate Macroeconomics and Data Analysis.

11. In order to progress to the fourth year of the **BSc Honours in Mathematics, Statistics and Economics** programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply with at least 120 credits at Level 3 including a pass in the following modules: EC315 Topics in Microeconomics with Cross Section Econometrics and EC316 Topics in Macroeconomics with Time Series Econometrics.

Progress (Part-time study)

12. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

13. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM460 Mathematics and Economics.

14. The final classification for the degree of BSc with Honours in Mathematics, Statistics and Economics will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 3 and 4 taken in the third and fourth years.

Award

15. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Economics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Economics, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include BF114 Introduction to Economics and Business Analysis, 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.

17. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS, STATISTICS AND FINANCE

Bachelor of Science with Honours in Mathematics, Statistics and Finance
Bachelor of Science in Mathematics, Statistics and Finance
Diploma of Higher Education in Mathematical Studies
Certificate of Higher Education in Mathematical Studies

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

Mode of Study

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

Curriculum

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

3. First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BF123	Introduction to Finance and Financial Analysis	1	20
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM145	Introduction to Geometry and Algebra	1	20
MM106	Essential Statistics	1	10
MM107	Data Analysis and Presentation	1	10
	Elective Module(s)		20

4. Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG215	Business Finance	2	20
AG217	Portfolio Management and Security Analysis	2	20

MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20
MM204	Probability and Statistical Inference	2	20
MM206	Mathematical and Statistical Computing	2	20

5. Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
AG312	Advanced Corporate Finance and Financial Markets	3	20
AG313	Treasury Management and Derivatives	3	20
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20

Optional Modules

40 credits chosen by Honours students from List A or other modules approved by the Programme Director; and by other students from Lists A and B.

List A

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM306	Numerical Analysis	3	20
MM307	Stochastics and Financial Econometrics	3	20

List B

Modules in First and Second Year not previously taken or further Elective Modules (this applies to direct entry students and students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules)

6. Fourth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
MM470	Mathematics and Finance*	4	120

*MM470 Mathematics and Finance comprises:

- Either MM401 Communicating Mathematics and Statistics (20 credits) plus 100 credits of optional modules with no fewer than 20 credits from each of Lists A and B and no fewer than 40 credits from List C or other modules as approved by the Programme Director.
  Or
- AG436 Finance Dissertation (40 credits); and plus 80 credits of optional modules with no fewer than 20 credits from each of Lists A, B and C or other modules as approved by the Programme Director.

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM415	Medical Statistics	4	20

List B

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

List C

Module Code	Module Title	Level	Credits
AG428	Asset Pricing	4	20
AG429	Behavioural Finance	4	20
AG430	Corporate Financing	4	20
AG431	Corporate Investment	4	20
AG432	Financial Quantitative Methods	4	20

AG434	International Financial Management	4	20

Not all optional modules in these lists will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Progress

7. In order to progress to the second year of the **BSc Honours in Mathematics, Statistics and Finance** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM143 Mathematical Foundations, MM144Calculus 1 and BF123 Introduction to Finance and Financial Accounting.

8. In order to progress to the second year of the **BSc in Mathematics, Statistics and Finance** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following module: BF123 Introduction to Finance and Financial Accounting.

9. In order to progress to the third year of the **BSc Honours in Mathematics, Statistics and Finance** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: MM201 Linear Algebra and Differential Equations, MM204 Probability and Statistical Inference, AG215 Business Finance and AG217 Portfolio Management and Security Analysis.

10. In order to progress to the third year of the **BSc in Mathematics, Statistics and Finance** programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain a pass in the following modules: AG215 Business Finance and AG217 Portfolio Management and Security Analysis.

11. In order to progress to the fourth year of the **BSc Honours in Mathematics, Statistics and Finance** programme a candidate must have accumulated at least 120 credits at level 3 including a pass in the following modules: AG312 Advanced Corporate Finance and Financial Markets and AG313 Treasury Management and Derivatives.

Final Assessment and Classification

12. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM470.

13. 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 modules at Levels 3 and 4 taken in the third and fourth years.

Award

14. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Mathematics, Statistics and Finance, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **BSc**: In order to qualify for the award of the degree of BSc in Mathematics, Statistics and Finance, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include BF123 Introduction to Finance and Financial Accounting, AG215 Business Finance,

AG217 Portfolio Management and Security Analysis, AG312 Advanced Corporate Finance and Financial Markets and AG313 Treasury Management and Derivatives.

16. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Mathematical Studies, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICS

Master of Mathematics in Mathematics
Master of Mathematics in Mathematics and Statistics
Bachelor of Science with Honours in Mathematics
Bachelor of Science with Honours in Mathematics and Statistics
Bachelor of Science with Honours in Mathematics with Teaching
Bachelor of Science with Honours in Mathematics with Teaching (International)
Bachelor of Science in Mathematics
Diploma of Higher Education in Mathematical Studies
Certificate of Higher Education in Mathematical Studies

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

Mode of Study

1. The programmes are available by both full-time and part time study. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Place of Study

2. On-campus or "face to face learning in an approved physical location" is the default Mode of Delivery.

Curriculum (Full-time study)

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

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM143	Mathematical Foundations	1	20
MM144	Calculus 1	1	20
MM145	Introduction to Geometry and Algebra	1	20
MM106	Essential Statistics	1	10
MM107	Data Analysis and Presentation	1	10
MM146	Mathematics in Society	1	20
	Elective Module(s)		20

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM201	Linear Algebra and Differential Equations	2	20
MM202	Advanced Calculus	2	20
MM203	Applicable Analysis	2	20
MM204	Probability and Statistical Inference	2	20
MM225	Applications of Mathematical Modelling	2	20
MM206	Mathematical and Statistical Computing	2	20

Third Year

Mathematics, and Mathematics and Statistics

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM300	Complex Variables and Integral Transforms	3	20
MM301	Linear Algebra	3	20
MM302	Differential Equations	3	20

Optional Modules

For Integrated Masters and Honours students 60 credits chosen from List A (or another module approved by the Programme Director). For Bachelor students 60 credits from List A and List B.

List A

Module Code	Module Title	Level	Credits
MM303	Applicable Analysis 2	3	20
MM304	Inference and Regression Modelling*	3	20
MM305	Mechanics of Rigid Bodies and Fluids	3	20
MM306	Numerical Analysis	3	20

MM307	Stochastics and Financial Econometrics*	3	20

*Compulsory for MMath and Honours students in Mathematics and Statistics.

Not all optional modules on this list will be available in each academic year.

List B

Modules in First and Second Year not previously taken or further Optional Modules (this applies to students who may have transferred from another degree programme and therefore have not completed all Year 1 and Year 2 modules).

Mathematics with Teaching and Mathematics with Teaching (International)

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MM302	Differential Equations	3	20
MM304	Inference and Regression Modelling	3	20
MM441	Mathematics with Teaching*	4	60

*MM441 Mathematics with Teaching comprises of 60 credits chosen from the list below.

MM441 Mathematics with Teaching Optional Modules**

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM403	Applicable Analysis 3	4	20
MM404	Statistical Modelling and Analysis	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximation	4	20
MM407	Applied Statistics in Society	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20
MM415	Medical Statistics	4	20

** Not all optional modules on this list will be available in each academic year.

Optional Modules

No fewer than 20 credits chosen from the following list, or another module approved by the Programme Director.

Module Code	Module Title	Level	Credits
MM301	Linear Algebra	3	20
MM305	Mechanics of Rigid Bodies and Fluids	3	20

Fourth Year

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

Mathematics

Compulsory Module

Module Code	Module Title	Level	Credits
MM400	Mathematics*	4	120

*MM400 Mathematics comprises of:

- MM401 Communicating Mathematics and Statistics (20 credits) and
- 100 credits chosen from Lists A and B or other modules as approved by the Programme Director.

Mathematics and Statistics

Compulsory Module

Module Code	Module Title	Level	Credits
MM410	Mathematics and Statistics*	4	120

*MM410 Mathematics and Statistics comprises of

- MM401 Communicating Mathematics and Statistics (20 credits),
- no fewer than 60 credits from List A and
- no fewer than 40 credits from List B, or other modules as approved by the Programme Director.

Mathematics and Mathematics and Statistics Optional Modules

List A

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20

MM404	Statistical Modelling and Analysis	4	20
MM407	Applied Statistics in Society	4	20
MM415	Medical Statistics	4	20

List B – subject to availability

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM403	Applicable Analysis 3	4	20
MM405	Fluids and Waves	4	20
MM406	Finite Element Methods for Boundary Value Problems and Approximations	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Not all optional modules on these lists will be available in each academic year.

Mathematics with Teaching

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies: Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7460	Professional Skills – Professional Practice 1	4	40
X7461	Professional Skills: Curriculum and Pedagogy Mathematics 1	4	40

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

Mathematics with Teaching (International)

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

Compulsory Modules

Module Code	Module Title	Level	Credits

X7457	Educational Studies : Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7461	Professional Skills : Curriculum and Pedagogy Mathematics 1	4	40
X7496	Placement Learning : Community	4	20
X7497	Learning on Placement	4	20

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

Fifth Year

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

Mathematics

Compulsory Module

Module Code	Module Title	Level	Credits
MM500	Mathematics*	5	120

*MM500 Mathematics comprises:

- MM501 Project (40 credits) and
- 80 credits of Optional Modules.

Mathematics and Statistics

Compulsory Module

Module Code	Module Title	Level	Credits
MM510	Mathematics and Statistics*	5	120

*MM510 Mathematics and Statistics comprises:

- MM501 Project (40 credits) and
- 80 credits of Optional Modules.

Mathematics, and Mathematics and Statistics

Optional Modules

Module Code	Module Title	Level	Credits
MM502	Modelling and Simulation with Applications to Financial Derivatives	5	20
MM503	Applicable Analysis 3	5	20
MM505	Fluids and Waves	5	20

MM506	Finite Element Methods for Boundary Value Problems and Approximation	5	20
MM508	Mathematical Biology and Marine Population Modelling	5	20
MM509	Mathematical Introduction to Networks	5	20
MM967	Optimisation: Theory	5	10
MS987	Optimisation for Analytics	5	10
MM515	Topics in Applied Analysis	5	20
MM517	Topics in Applied Mathematics	5	20
MM571	Numerical and Deep Learning Methods for Partial Differential Equations	5	20
MM552	Applied Analysis and PDEs 1	5	20
MM554	Applied Mathematics Methods 1	5	20
MM909	Medical Statistics	5	20
MM911	Effective Statistical Consultancy	5	10
MM912	Survey Design and Analysis	5	10
MM913	Quantitative Risk Analysis	5	10
MM915	Spatial Statistics	5	10
MM953	Experimental Design	5	10
MM954	Multivariate Analysis	5	10
MM960	Statistical Machine Learning	5	10
MM962	Data Dashboards with R Shiny	5	10
MM521	Mathematics of Machine Learning	5	20

Or other modules approved by the Programme Director. Not all optional modules on this list will be available in each academic year.

Progress

4. To progress to the second year of either the MMath or BSc with Honours degrees in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, students must gain passes in MM143 Mathematical Foundations and MM144 Calculus 1.

5. To progress to second year of the BSc Mathematics degree, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. To progress to third year of either the MMath or BSc with Honours degrees in addition to satisfying the requirements of the General Academic Regulations – Undergraduate,

Integrated Master and Professional Graduate Degree Programme Level, students must gain passes in in MM201 Linear Algebra and Differential Equations and MM202 Advanced Calculus.

7. To progress to third year of the BSc Mathematics Degree, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. To progress to fourth year of either the MMath or BSc with Honours degrees a candidate must have accumulated at least 120 credits at Level 3 or above. In addition, students on the Mathematics with Teaching Degree must meet the requirements for entering Initial Teacher Education.

9. To progress to fifth year of the MMath degrees, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

10. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

10. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under the module code MM400 Mathematics or MM410 Mathematics and Statistics.

11. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the module code MM500 Mathematics or the module code MM510 Mathematics and Statistics.

12. The final classification for the degrees of MMath in Mathematics and MMath in Mathematics and Statistics will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 4 and 5 taken in the fourth and fifth years.

13. The final classification for the degree of BSc with Honours in Mathematics or Mathematics and Statistics will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 3 and 4 taken in the third and fourth years.

Award

14. **MMath in Mathematics, MMath in Mathematics and Statistics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **BSc with Honours in Mathematics, BSc with Honours in Mathematics and Statistics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **BSc with Honours in Mathematics with Teaching, BSc with Honours in Mathematics with Teaching (International)**: In order to qualify for the award of the degree of BSc with Honours a candidate must have accumulated no fewer than 480 credits from the programme curriculum.

    Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include:

i. the credits for all the compulsory Level 4 Education modules taken individually;
ii. no fewer than 240 credits at Levels 3 and 4 with at least 180 credits at Level 4.

17. **BSc in Mathematics**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Diploma of Higher Education in Mathematical Studies**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **Certificate of Higher Education in Mathematical Studies**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS WITH ADVANCED RESEARCH

Master of Physics in Physics with Advanced Research
Bachelor of Science with Honours in Physics
Bachelor of Science in Physics
Diploma of Higher Education in Physics
Certificate of Higher Education in Physics

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

Credit Transfer and Recognition of Prior Learning

1. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

2. In addition, direct entry to year 4 of the programme 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.

3. Such applicants will be deemed to possess 360 credits.

Place of Study

4. The optional Industrial Placement, normally taken during the summer vacation following third year, is expected to be completed off campus.

Curriculum (Full-time study)

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

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH180	Experimental Physics	1	20
PH181	Mathematics for Physics 1A	1	20
PH182	Mathematics for Physics 1B	1	20
PH183	Mechanics and Waves	1	20
PH184	Quantum Physics and Electromagnetism	1	20

PH185	Computational and Physics Skills	1	20

Or other such modules as approved by the Advisor of Study

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH280	Experimental Physics	2	20
PH281	Mathematics for Physics 2A	2	20
PH282	Mathematics for Physics 2B	2	20
PH283	Mechanics and Waves	2	20
PH284	Quantum Physics and Electromagnetism	2	20
PH285	Computational and Physics Skills	2	20

Or other such modules as approved by the Advisor of Study

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH384	Quantum Physics and Electromagnetism	3	20
PH326	Condensed Matter Physics	3	20
PH327	Gases, Liquids and Thermodynamics	3	20
PH320	Experimental Physics I	3	20
PH304	Physics Skills	3	20

Optional Modules

A student must select 20 credits from the list below to bring the credit total to at least 120. Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH328	Mathematical and Computational Physics	3	20

PH330	Experimental Physics II	3	20
PH465	Industrial Project*	4	20

Or other such modules as approved by the Advisor of Study

*May be undertaken during the summer vacation following Third Year with the approval of the Advisor of Study.

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH498	Physics with Research Specialisation*	4	120

*PH498 Physics with Research Specialisation comprises of PH450 Project (40 credits) along with 80 credits of Optional Modules.

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20
PH422	Topics in Quantum Physics	4	20
PH421	Applied High Performance Computing	4	20
PH423	Topics in Complex and Nonlinear Systems	4	20
PH465	Industrial Project*	4	20

Other such modules as approved by the Advisor of Study
*Students may, with the approval of the Advisor of Study, also undertake this module during the summer vacation following Fourth Year provided they have not taken the module previously.

Fifth Year

All full-time students shall undertake modules amounting to 160 credits as follows:

Compulsory Module

Module Code	Module Title	Level	Credits
PH598*	Physics	5	160

*PH598 consists of the following modules:

Module Code	Module Title	Level	Credits
PH569	Project	5	80
PH551	Research Skills	5	20
	60 credits of optional modules chosen from the list below	5	60

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH552	Advanced Topics in Physics	5	20
PH553	Advanced Topics in Solid State Physics	5	20
PH554	Advanced Topics in Nanoscience	5	20
PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH504	Advanced Topics in Quantum Physics – Quantum Technologies	5	20
PH510	Advanced Topics in Computational Physics	5	20

Other such modules as approved by the Advisor of Study

Curriculum (Part-time study)

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

Progress

7. To progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. To progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. To progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and all compulsory modules must be passed.

10. To progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

11. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

12. 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 modules at Levels 4 and 5.

13. The degree in MPhys in Physics with Advanced Research will be classified in accordance with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

14. **MPhys in Physics with Advanced Research:** Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in order to qualify for the award of the degree of MPhys in Physics with Advanced Research, a candidate must have accumulated no fewer than 640 credits from the programme curriculum together with a pass in PH570 Project.

15. **BSc Honours in Physics:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **BSc in Physics:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **Diploma of Higher Education in Physics:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **Certificate of Higher Education in Physics:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

19. A candidate who fails to meet the progression requirements in any of years 1 – 4 (75% CWA) will normally be transferred to the MPhys in Physics. If a candidate fails to achieve a CWA of 55% they will normally be transferred to the BSc in Physics. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

Master of Physics in Physics
Master of Physics in Physics with Industrial Placement
Master of Physics in Physics with International Placement
Master of Physics in Physics with Specialisation in …
Bachelor of Science with Honours in Physics
Bachelor of Science with Honours in Physics with Teaching
Bachelor of Science with Honours in Physics with Teaching (International)
Bachelor of Science with Honours in Physics with Industrial Placement
Bachelor of Science with Honours in Physics with International Placement
Bachelor of Science in Physics
Diploma of Higher Education in Physics
Certificate of Higher Education in Physics

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

Credit Transfer and Recognition of Prior Learning

1. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

2. In addition, direct entry to year 4 of the programme 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.

3. Such applicants will be deemed to possess 360 credits.

Place of Study

4. The Industrial Placement or International Placement will normally be expected to be completed off campus.

Curriculum (Full-time study)

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH180	Experimental Physics	1	20
PH181	Mathematics for Physics 1A	1	20

PH182	Mathematics for Physics 1B	1	20
PH183	Mechanics and Waves	1	20
PH184	Quantum Physics and Electromagnetism	1	20
PH185	Computational and Physics Skills	1	20

Or other such modules as approved by the Advisor of Study

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH280	Experimental Physics	2	20
PH281	Mathematics for Physics 2A	2	20
PH282	Mathematics for Physics 2B	2	20
PH283	Mechanics and Waves	2	20
PH284	Quantum Physics and Electromagnetism	2	20
PH285	Computational and Physics Skills	2	20

Or other such modules as approved by the Advisor of Study

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH384	Quantum Physics and Electromagnetism	3	20
PH326	Condensed Matter Physics	3	20
PH327	Gases, Liquids and Thermodynamics	3	20
PH320	Experimental Physics I	3	20
PH304	Physics Skills	3	20

Optional Modules

A student must select 20 credits from the list below to bring the credit total to 120. Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH328	Mathematical and Computational Physics	3	20
PH330	Experimental Physics II	3	20
PH465	Industrial Project*	4	20

Or other such modules as approved by the Advisor of Study

*May be undertaken during the summer vacation following Third Year with the approval of the Advisor of Study.

Fourth Year

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

MPhys, MPhys with Specialisation and BSc (Hons) Physics

Compulsory Modules

Module Code	Module Title	Level	Credits
PH499	Physics*	4	120

*Must include PH450 Project (40 credits)

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH423	Complex and Nonlinear Systems	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20
PH422	Topics in Quantum Physics	4	20
PH421	Applied High Performance Computing	4	20
PH465	Industrial Project*	4	20

Or other such modules as approved by the Advisor of Study

*If not already taken, PH465 Industrial Project may be taken during the summer vacation following Fourth Year with the approval of the Advisor of Study.

MPhys and BSc (Hons) Physics with Industrial Placement

Compulsory Modules

Module Code	Module Title	Level	Credits
PH496	Industrial Placement	4	120
PH491	External Placement Project*	4	120
PH492	External Placement Project*	4	60

*PH496 Industrial Placement is comprised of either PH491 External Placement Project or PH492 External Placement Project and 60 credits of Optional Modules.

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH423	Complex and Nonlinear Systems	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20
PH422	Topics in Quantum Physics	4	20
PH421	Applied High Performance Computing	4	20
PH465	Industrial Project*	4	20
Other such modules as approved by the Advisor of Study			

* If not already taken, PH465 Industrial Project may be taken during the summer vacation following Fourth Year with the approval of the Advisor of Study.

MPhys and BSc (Hons) Physics with International Placement

Compulsory Modules

Module Code	Module Title	Level	Credits
PH497	International Placement	4	120
PH491	External Placement Project*	4	120
PH492	External Placement Project*	4	60
EX409	External Study*	4	60
EX410	External Study*	4	60

*PH497 is comprised of either PH491 External Placement Project; or PH492 and one of EX409, EX410 or 60 credits of Optional Modules

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH423	Complex and Nonlinear Systems	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20
PH422	Topics in Quantum Physics	4	20
PH421	Applied High Performance Computing	4	20
PH465	Industrial Project*	4	20
Other such modules as approved by the Advisor of Study			

*If not already taken, PH465 Industrial Project may be taken during the summer vacation following Fourth Year with the approval of the Advisor of Study.

BSc (Hons) Physics with Teaching

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

Compulsory Modules

Module Code	Module Title	Level	Credits

X7457	Educational Studies: Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7460	Professional Skills: Professional Practice 1	4	40
X7487	Professional Skills: Curriculum and Pedagogy Physics 1	4	40

BSc (Hons) Physics with Teaching (International)

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

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies: Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7487	Professional Skills: Curriculum and Pedagogy Physics 1	4	40
X7496	Placement Learning: Community	4	20
X7497	Learning on Placement	4	20

Fifth Year

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

MPhys, MPhys with Specialisation

Compulsory Modules

Module Code	Module Title	Level	Credits
PH599	Physics*	5	120

*Must include PH550 Project (40 credits) and PH551 Research Skills (20 credits)

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH551	Research Skills	5	20
PH552	Advanced Topics in Physics	5	20
PH553	Advanced Topics in Solid State Physics	5	20
PH554	Advanced Topics in Nanoscience	5	20

PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH504	Advanced Topics in Quantum Physics – Quantum Technologies	5	20
PH510	Advanced Topics in Computational Physics	5	20
Other such modules as approved by the Advisor of Study			

MPhys with Industrial Placement

Compulsory Modules

Module Code	Module Title	Level	Credits
PH596	Industrial Placement*	5	120

*PH596 Industrial Placement comprises of either PH591 External Placement Project (120 credits) or PH592 External Placement Project (60 credits) and 60 credits of Optional Modules.

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH551	Research Skills	5	20
PH552	Advanced Topics in Physics	5	20
PH553	Advanced Topics in Solid State Physics	5	20
PH554	Advanced Topics in Nanoscience	5	20
PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH504	Advanced Topics in Quantum Physics – Quantum Technologies	5	20
PH510	Advanced Topics in Computational Physics	5	20
Other such modules as approved by the Advisor of Study			

MPhys with International Placement

Compulsory Modules

Module Code	Module Title	Level	Credits

PH597	International Placement*	5	120

*PH597 International Placement comprises of either PH591 External Placement Project (120 credits); PH592 External Placement Project (60 credits) and 60 credits of Optional Modules; or one of either EX506 or EX516 and PH550 or PH551.

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH551	Research Skills	5	20
PH552	Advanced Topics in Physics	5	20
PH553	Advanced Topics in Solid State Physics	5	20
PH554	Advanced Topics in Nanoscience	5	20
PH560	Advanced Topics in Electromagnetism and Plasma Physics	5	20
PH562	Advanced Topics in Quantum Optics	5	20
PH504	Advanced Topics in Quantum Physics – Quantum Technologies	5	20
PH510	Advanced Topics in Computational Physics	5	20
Other such modules as approved by the Advisor of Study			

Curriculum (Part-time study)

5. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Progress

6. To progress to the second year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

7. To progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. To progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, and all compulsory modules must be passed. In addition, students on the BSc Physics with Teaching Degree must meet the requirements for entering Initial Teacher Education.

9. To progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

10. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

11. The final classification for the degree of MPhys will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 4 and 5.

12. The final classification for the degree of BSc (Hons) will normally be based on the first assessed attempt at compulsory and specified optional modules at Levels 3 and 4.

Award

13. **MPhys**: In addition to the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also pass the module PH550 Project.

14. **MPhys with Specialisation in** …: In addition to the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, in order to qualify for the award of the degree of MPhys in Physics with Specialisation in a given topic a candidate must normally have undertaken 40 credits at Level 4 and 40 credits at Level 5 in subjects related to the specialisation together with PH450 Project and PH550 Project in an area related to the specialisation. A student must also have passed PH450 and PH550.

15. **MPhys with Industrial Placement**: In order to qualify for the award of the degree of MPhys in Physics with Industrial Placement the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include either PH497 or PH597 and a student must also pass either PH591 External Placement Project or PH592 External Placement Project.

16. **MPhys with International Placement**: In order to qualify for the award of the degree of MPhys in Physics with International Placement the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply and must include either PH497 International Placement or PH597 International Placement and a student must also pass either PH591 External Placement Project or PH592 External Placement Project.

17. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. A student must also pass PH450.

18. **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 the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply, and must include PH496 Industrial Placement.

19. **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 the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall and must include PH497.

20. **BSc with Honours Physics with Teaching**: In order to qualify for the award of the degree of BSc with Honours in Physics with Teaching a candidate must have accumulated no fewer than 480 credits from the programme curriculum. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include the credits for all the compulsory Level 4 Education modules taken individually.

21. **BSc in Physics**: In order to qualify for the award of the degree of BSc in Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

22. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

23. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

24. An MPhys candidate who fails to meet the progression requirements at the end of years 1 – 4 (55% CWA) will normally be transferred to the BSc (Hons) in Physics, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

Graduate Diploma in Physics

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

Admission

1. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Duration of Study

2. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of Study

3. The programmes are available by full-time and part-time study

Curriculum

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

Compulsory Modules

Module Code	Module Title	Level	Credits
PH499	Physics*	4	120

*PH499 Physics includes PH450 Project (40 credits)

Optional Modules

Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH452	Topics in Physics	4	20
PH453	Topics in Solid State Physics	4	20
PH454	Topics in Nanoscience	4	20
PH455	Topics in Photonics	4	20
PH423	Complex and Nonlinear Systems	4	20
PH457	Topics in Theoretical Physics	4	20
PH459	Topics in Atomic, Molecular and Nuclear Physics	4	20

PH422	Topics in Quantum Physics	4	20
PH421	Applied High Performance Computing	4	20
Or other such modules as approved by the Advisor of Study			

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

Award

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 PH450 Project.

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

PHYSICS

Graduate Diploma in Physics (Conversion Programme)

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

Admission

1. Students will be admitted with a qualification deemed appropriate by the Head of Department or nominee.

Duration of Study

2. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Mode of Study

3. The programmes are available by full-time only

Curriculum

4. All full-time students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

All compulsory modules must be passed in order to satisfy accreditation requirements.

Module Code	Module Title	Level	Credits
PH384	Quantum Physics and Electromagnetism	3	20
PH326	Condensed Matter Physics	3	20
PH327	Gases, Liquids and Thermodynamics	3	20
PH320	Experimental Physics I	3	20
PH304	Physics Skills	3	20

Optional Modules

A student must select modules from the list below to bring the credit total to at least 120. Not all optional modules on this list will necessarily be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.

Module Code	Module Title	Level	Credits
PH328	Mathematical and Computational Physics	3	20
PH330	Experimental Physics II	3	20
PH465	Industrial Project*	4	20

Or other such modules as approved by the Advisor of Study

*May be undertaken during the summer vacation following semester 2 with the approval of the Advisor of Study

Examination, Progress and Final Assessment

5. Candidates are required to pass examinations and to perform to the satisfaction of the Board of Examiners.

6. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s) normally in the same academic year.

Award

7. **Graduate Diploma**: In order to qualify for the award of Graduate Diploma in Physics (Conversion Programme), 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.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

APPLIED CHEMISTRY AND CHEMICAL ENGINEERING

Master of Science in Applied Chemistry and Chemical Engineering
Bachelor of Science with Honours in Applied Chemistry
Bachelor of Science in Chemistry
Diploma of Higher Education in Chemical Sciences
Certificate of Higher Education in Chemical Sciences

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

Status of the Programme

1. The programme 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 programme regulations.

Curriculum

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

First Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH106	Chemistry: Principles and Practice 1	1	20
CH107	Chemistry: Principles and Practice 2	1	20
CP101	Basic Principles in Chemical Engineering	1	20
CP102	Chemical Engineering: Fundamentals, Techniques and Tools	1	20
MM111	Mathematics 1B	1	20
MM112	Mathematics 2B	1	20
	Elective Module		10

Second Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH208	Fundamental Organic Chemistry	2	20

CH212	Physical Chemistry I	2	20
CP220	Process Safety Fundamentals	2	10
CH221	Practical Skills for ACCE	2	10
CP204	Fluid Flow and Heat Transfer	2	20
CP207	Process Analysis and Statistics	2	20
MM211	Mathematics 3B	2	20
	Elective Module		10

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH306	Practical Preparative and Physical Chemistry	3	20
CH324	Inorganic Chemistry	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
CP302	Mass Transfer and Separation Processes	3	20
CP316	Reactors	3	10
CP326	Chemical Engineering Practice 2 (ACCE)	3	10
CP327	Chemical Process Design and Simulation	3	20

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH460	Physical Chemistry 2	4	20
CH461	Inorganic Chemistry, Structures and Spectroscopy	4	20
CP405	Process Control and Environmental Technology	4	20
CP407	Chemical Engineering Design (MSci)	4	60

Fifth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
CH587	MSci in Applied Chemistry and Chemical Engineering*	5	120

CH545 MSci in Applied Chemistry and Chemical Engineering comprises of the following compulsory and optional module choices.

Compulsory Modules

Module Code	Module Title	Level	Credits
CH593	MSci Project, Dissertation and Presentation	5	60
CH590	MSci Chemistry Topics	5	20

Optional Modules

All students shall choose optional modules to a total of 40 credits from:

Module Code	Module Title	Level	Credits
CP523	Molecular Simulation in Chemical Engineering	5	10
CP527	Petrochemical Engineering	5	10
CP530	Safety Management Practices	5	10
CP533	Clean Combustion Technologies	5	10
CP535	Molecular and Interfacial Science	5	10
CP537	Electrochemical Energy Devices	5	10

Other modules as may be approved by the Programme Director. Not all optional modules in this list will be available every academic year.

Curriculum (Part-time study)

3. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Progress

4. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain non-compensated passes in the following modules: CH106 Chemistry: Principles and Practice 1 and CH107 Chemistry: Principles and Practice 2.

5. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

7. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Classification

8. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the module code CH545.

9. 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 modules which are taken in the third, fourth and fifth years.

Award

10. **MSci**: In order to qualify for the award of the degree of MSci in Applied Chemistry and Chemical Engineering, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **BSc Hons**: In order to qualify for the award of the degree of BSc Hons in Applied Chemistry, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **BSc**: In order to qualify for the award of the degree of BSc in Chemistry, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education**: In order to qualify for the award of the Diploma of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education**: In order to qualify for the award of the Certificate of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

15. A candidate who fails to satisfy the progress requirements for the MSci degree may be transferred to the degree of BSc with Honours in Applied Chemistry or the BSc in Chemistry.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

APPLIED CHEMISTRY

Bachelor of Science with Honours in Applied Chemistry
Bachelor of Science in Chemistry
Diploma of Higher Education in Chemical Sciences
Certificate of Higher Education in Chemical Sciences

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

Status of the Programme

1. All students are normally admitted in the first instance to the degree of MSci in Applied Chemistry and Chemical Engineering.

Curriculum

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

First Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH106	Chemistry: Principles and Practice 1	1	20
CH107	Chemistry: Principles and Practice 2	1	20
CP101	Basic Principles in Chemical Engineering, Thermodynamics and Maths Bridging	1	20
CP102	Chemical Engineering: Fundamentals, Techniques and Tools	1	20
MM111	Mathematics 1B	1	20
MM112	Mathematics 2B	1	20
	Elective Module		10

Second Year

All students shall undertake modules amounting to 130 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH208	Fundamental Organic Chemistry	2	20
CH212	Physical Chemistry 1	2	20

CP220	Process Safety Fundamentals	2	10
CH221	Practical Skills for ACCE	2	10
CP204	Fluid Flow and Heat Transfer	2	20
CP207	Process Analysis and Statistics	2	20
MM211	Mathematics 3B	2	20
	Elective Module		10

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH306	Practical Preparative and Physical Chemistry	3	20
CH324	Inorganic Chemistry	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
CP302	Mass Transfer and Separation Processes	3	20
CP316	Reactors	3	10
CP326	Chemical Engineering Practice2 (ACCE)	3	10
CP327	Chemical Process Design and Simulation	3	20

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH435	Applied Chemistry Project	4	40
CH460	Physical Chemistry 2	4	20
CH461	Inorganic Chemistry, Structures and Spectroscopy	4	20
CP425	Chemical Engineering Conceptual Design (BSc Applied Chemistry)	4	20
CP303	Materials Processing and Applications	4	20
Or other modules as approved by the Programme Director.			

Curriculum (Part-time study)

3. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Progress

4. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain non-compensated passes in the following modules: CH106 Chemistry: Principles and Practice 1 and CH107 Chemistry: Principles and Practice 2.

5. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Honours Classification

7. On successful completion of the fourth year, a candidate will be awarded 120 Level 4 credits under module code CH430.

8. 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 modules taken in the third and fourth year.

Award

9. BSc with Honours: In order to qualify for the award of the degree of BSc with Honours in Applied Chemistry, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. BSc: In order to qualify for the award of the degree of BSc in Chemistry, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. Diploma of Higher Education: In order to qualify for the award of a Diploma of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. Certificate of Higher Education: In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

CHEMISTRY WITH DATA SCIENCE

Master of Chemistry in Chemistry with Data Science
Bachelor of Science with Honours in Chemistry with Data Science
Bachelor of Science in Chemistry
Diploma of Higher Education in Chemical Sciences
Certificate of Higher Education in Chemical Sciences

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

Place of study

1. In accordance with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, some off-campus work may be required.

Curriculum

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

First Year

Compulsory Modules

Module Code	Module Title	Level	Credits
CH106	Chemistry: Principles and Practice 1	1	20
CH107	Chemistry: Principles and Practice 2	1	20
CH108	Practical and Transferable Skills	1	20
MM116	Mathematics 1C	1	20
CH117	Python 101 for Chemists	1	20

Optional Modules

Students should select 20 credits chosen from:

Module Code	Module Title	Level	Credits
	Elective module(s)		20

Or other modules approved by the Programme Director. Not all optional modules will be available in each academic year.

Second Year

Compulsory Modules

Module Code	Module Title	Level	Credits
CH202	Inorganic Chemistry	2	20
CH205	Practical Physical and Applied Chemistry	2	20
CH208	Fundamental Organic Chemistry	2	20
CH212	Physical Chemistry 1	2	20
CH214	Practical Organic and Inorganic Chemistry	2	20
CH220	Chemical Informatics 1	2	20

Third Year

Compulsory Modules

Module Code	Module Title	Level	Credits
CH309	Physical Chemistry 2	3	20
CH313	Practical Physical, Applied, Forensic and Analytical Chemistry	3	20
CH315	Practical Organic and Inorganic Chemistry	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
CH326	Inorganic Chemistry, Structures and Spectroscopy	3	20
CH336	Chemical Informatics 2	3	20

Fourth Year

MChem Chemistry with Data Science students

Compulsory Modules

Module Code	Module Title	Level	Credits
CH450	Distance Learning	4	40

Students should select one of the following optional modules:

Optional Modules

Module Code	Module Title	Level	Credits
CH451	Industrial Placement	4	80
CH452	Research Placement	4	80
CH462	Knowledge Exchange Placement	4	80

BSc (Hons) Chemistry with Data Science students

Module Code	Module Title	Level	Credits
CH705*	Modules leading to degree in BSc (Hons) Chemistry with Data Science	4	120

*CH705 consists of the following modules:

Module Code	Module Title	Level	Credits
CH436	Honours Project and Dissertation	4	40
CH437	Career Skills	4	20
CH479*	Core Topics in Chemistry	4	20
CH704**	Data Science Specialisation Modules	4	40

* CH479 consists of the following modules:

Module Code	Module Title	Level	Credits
CH404	Cage and Cluster Molecules	4	5
CH406	Environmental Chemistry	4	5
CH485	Key Reactions in Organic Chemistry	4	5
CH703	Chemistry in the Excited State	4	5

** CH704 consists of the following modules:

Module Code	Module Title	Level	Credits
CH706	AI and Machine Learning	4	10
CH707	Computational Chemistry	4	10
CH708	Time Series Analysis	4	10
CH709	Software Engineering and High Performance Computing	4	10

Fifth Year

Compulsory Modules

Module Code	Module Title	Level	Credits
*CH543	MChem in Chemistry with Data Science	5	120

*CH543 consists of the following modules

Module Code	Module Title	Level	Credits
CH539**	Chemistry with Data Science Specialisation	5	40
CH591*	Core Chemistry	5	20
CH592	MChem Project and Dissertation	5	60

* CH591 consists of the following modules:

Module Code	Module Title	Level	Credits
CH504	Cage and Cluster Molecules	5	5
CH506	Environmental Chemistry	5	5
CH594	Key Reactions in Organic Chemistry	5	5
CH596	Chemistry in the Excited State	5	5

** CH539 consists of the following modules:

Module Code	Module Title	Level	Credits
CH544	AI and Machine Learning	5	10
CH546	Computational Chemistry	5	10
CH547	Time Series Analysis	5	10
CH548	Software Engineering and High Performance Computing	5	10

Progress

3. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain non-compensated passes in the following modules: CH106 Chemistry: Principles and Practice 1, CH107 Chemistry: Principles and Practice 2 and CH108 Practical and Transferable Skills.

4. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

5. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

6. In order to progress to the fifth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Honours Classification

7. The final award will be based on the student's performance in their assessments.

Award

8. **Degree of MChem**: In order to qualify for the degree of MChem in Chemistry with Data Science, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.)

9. **Degree of BSc with Honours**: In order to qualify for the award of the degree of BSc Hons in Chemistry with Data Science see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. **Degree of BSc**: In order to qualify for the award of the degree of BSc in Chemistry see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **Diploma of Higher Education**: see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.)

12. **Certificate of Higher Education:** (see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.)

Transfer

13. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. A student who fails to satisfy the progress or award requirements for the degree of MChem may be transferred to the BSc with Honours of the aligned degree programme.

15. A MChem student who at the end of fourth year fails to satisfy the progress requirements or who does not wish to progress to fifth year may be transferred to the BSc with Honours in Chemistry (Professional Experience).

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

CHEMISTRY WITH DRUG DISCOVERY

Master of Chemistry in Chemistry with Drug Discovery
Bachelor of Science with Honours in Chemistry with Drug Discovery
Bachelor of Science with Honours in Chemistry (Professional Experience)
Bachelor of Science with Chemistry
Diploma of Higher Education in Chemical Sciences
Certificate of Higher Education in Chemical Sciences

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

Place of Study
1. The MChem programme includes an Industrial Placement normally outwith the campus.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM109	Cells and Their Molecules	1	20
CH106	Chemistry: Principles and Practice 1	1	20
CH107	Chemistry: Principles and Practice 2	1	20
CH108	Practical and Transferable	1	20
MM116	Mathematics 1C *	1	20

*Or in exceptional circumstances alternative mathematics module(s) approved by the programme director.

Optional Modules
No fewer than 20 credits chosen from:

Module Code	Module Title	Level	Credits
CH116	Foundation Science: Big Ideas for Chemists *	1	20
Or			
	Elective Module(s)		20

*Students without Physics at Higher (or equivalent) grade B or above must select CH116.

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH202	Inorganic Chemistry	2	20
CH205	Practical Physical and Applied Chemistry	2	20
CH208	Fundamental Organic Chemistry	2	20
CH212	Physical Chemistry 1	2	20
CH214	Practical Organic and Inorganic Chemistry	2	20
MP217	Pharmaceutics	2	20

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH309	Physical Chemistry 2	3	20
CH314	Practical Physical, Applied and Drug Discovery Chemistry	3	20
CH315	Practical Organic and Inorganic Chemistry	3	20
CH323	Chemical Biology	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
CH326	Inorganic Chemistry, Structures and Spectroscopy	3	20

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

MChem Drug Discovery

Compulsory Modules

Module Code	Module Title	Level	Credits
CH450	Distance Learning Assignment	4	40
And either			
CH451	Industrial Placement	4	80
Or			
CH452	Research Placement	4	80

Or			
CH462	Knowledge Exchange Placement	4	80

BSc Hons Drug Discovery

Compulsory Modules

Module Code	Module Title	Level	Credits
CH473	BSc with Honours in Chemistry with Drug Discovery	4	120

CH 473 comprises:

Module Code	Module Title	Level	Credits
CH479	Core Topics in Chemistry	4	20
CH436	Honours Project and Dissertation	4	40
CH437	Career Skills	4	20
CH482	Drug Discovery Specialisation Topics	4	40

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

Compulsory Modules

Module Code	Module Title	Level	Credits
CH586	Chemistry with Drug Discovery	5	120

CH 586 comprises:

Module Code	Module Title	Level	Credits
CH589	Core Chemistry Topics in Drug Discovery	5	20
CH542	Drug Discovery Specialisation	5	40
CH592	MChem Project, Dissertation and Presentation	5	60

Curriculum (Part-time study)

7. Part-time students will normally take modules amounting to 60 credits in each year of study.

Progress

8. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level a student must also gain non-compensated passes in the following modules: CH106 Chemistry: Principles and Practice

1, CH107 Chemistry: Principles and Practice 2 and CH108 Practical and Transferable Skills.

9. In order to progress to the third year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

11. In order to progress to the fifth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Classification

12. On successful completion of the fourth year, a BSc Hons Chemistry with Drug Discovery candidate will be awarded 120 Level 4 credits under the module code CH473.

13. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the module code CH586.

14. The final classification for the degree of MChem will be based on the first assessed attempt at compulsory and specified optional modules taken in the third, fourth and fifth years.

Award

15. **MChem:** In order to qualify for the award of the degree of MChem in Chemistry with Drug Discovery, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

16. **BSc Honours:** In order to qualify for the award of the degree of BSc Honours in Chemistry with Drug Discovery, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **BSc Honours in Chemistry (Professional Experience):** Students who have achieved 480 credits including modules CH450 and CH451 or CH452 or CH462 by the end of Year 4 and have not progressed to Year 5 (due to voluntary withdrawal) are eligible for the award of BSc Honours in Chemistry (Professional Experience).

18. **BSc:** In order to qualify for the award of the degree of BSc in Chemistry, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

19. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

20. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

21. 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.

FACULTY OF SCIENCE

DEPARTMENT OF PURE AND APPLIED CHEMISTRY

CHEMISTRY

Master of Chemistry in Chemistry
Master of Chemistry in Forensic and Analytical Chemistry
Master of Chemistry in Chemistry with Teaching
Bachelor of Science with Honours in Chemistry
Bachelor of Science with Honours in Chemistry with Teaching
Bachelor of Science with Honours in Chemistry with Teaching (International)
Bachelor of Science with Honours in Forensic and Analytical Chemistry
Bachelor of Science with Honours in Chemistry (Professional Experience)
Bachelor of Science in Forensic and Analytical Chemistry
Bachelor of Science in Chemistry
Bachelor of Science in Chemistry (Education)
Diploma of Higher Education in Chemical Sciences
Certificate of Higher Education in Chemical Sciences

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

Place of Study

1. The MChem programmes include an Industrial placement normally out with the campus. For Chemistry with Teaching students the School Experience modules will involve placements in schools. To be eligible to undertake School Experience, a student must apply and become 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. Chemistry (Education) students will undertake Year 1 and Year 4 of study at Capital Normal University.

Curriculum

2. **First Year** all programmes except Chemistry (Education)

Compulsory Modules

Module Code	Module Title	Level	Credits
CH106	Chemistry: Principles and Practice 1	1	20
CH107	Chemistry: Principle and Practice 2	1	20
CH108	Practical and Transferable Skills	1	20
MM116	Mathematics 1C *	1	20

*Or in exceptional circumstances alternative mathematics module(s) approved by the programme director.

Optional Modules

No fewer than 40 credits chosen from:

Module Code	Module Title	Level	Credits

CH116*	Foundation Science: Big Ideas for Chemists *	1	20
BM109**	Cells and Their Molecules	1	20
	Elective Modules		20

*Students without Physics at Higher (or equivalent) grade B or above must select CH116 as one of their module choices.
** Students who wish to select CH323 in Year 3 are required to take BM109 in Year 1.

Chemistry (Education)
Students undertake their first year of study at Capital Normal University

Module Code	Module Title	Level	Credits
	CNU Chemistry (Education) 1	1	120

3. Second Year
All students, except Chemistry with Education, shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH205	Practical Physical and Applied Chemistry	2	20
CH208	Fundamental Organic Chemistry	2	20
CH212	Physical Chemistry 1	2	20
CH213	Forensic Trace Analysis and Analytical Chemistry	2	20
CH214	Practical Organic and Inorganic Chemistry	2	20
CH202	Inorganic Chemistry	2	20

Chemistry (Education)
Students shall undertake modules amounting to 130 credits as follows:

Module Code	Module Title	Level	Credits
CH205	Practical Physical and Applied Chemistry	2	20
CH208	Fundamental Organic Chemistry	2	20
CH212	Physical Chemistry 1	2	20
CH213	Forensic Trace Analysis and Analytical Chemistry	2	20
CH214	Practical Organic and Inorganic Chemistry	2	20

X2125	Understanding Education in the 21st C	1	20
PH104	Physics summer school	1	10

4. Third Year

All students, except Chemistry (Education), shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH309	Physical Chemistry 2	3	20
CH313	Practical Physical, Applied, Forensic and Applied Chemistry	3	20
CH315	Practical Organic and Inorganic Chemistry	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
CH326	Inorganic Chemistry, Structure and Spectroscopy	3	20
Together with optional modules appropriate to the chosen programme			

Chemistry, Chemistry with Teaching and Chemistry with Teaching (International)

20 credits from:

Module Code	Module Title	Level	Credits
CH316	Analytical Chemistry and Drugs of Abuse	3	20
CH323	Chemical Biology *	3	20

*students are required to have taken BM109 in Year 1 before they can select CH323.

Forensic and Analytical Chemistry

Module Code	Module Title	Level	Credits
CH316	Analytical Chemistry and Drugs of Abuse	3	20

Chemistry (Education)

Students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH309	Physical Chemistry 2	3	20
CH313	Practical Physical, Applied, Forensic and Applied Chemistry	3	20

CH315	Practical Organic and Inorganic Chemistry	3	20
CH316	Analytical Chemistry and Drugs of Abuse	3	20
CH325	Intermediate Organic Chemistry and Spectroscopy	3	20
X7211	Education and Learning	3	20

5. Fourth Year
MChem students

MChem Chemistry and MChem Forensic and Analytical Chemistry
All MChem Chemistry and Chemistry with Forensic and Analytical Chemistry students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH450	Distance Learning Assignment	4	40
And either			
CH451	Industrial Placement	4	80
Or			
CH452	Research Placement	4	80
Or			
CH462	Knowledge Exchange Placement	4	80

MChem Chemistry with Teaching
All MChem Chemistry with Teaching students shall normally undertake modules amounting to 140 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
CH458	Distance Learning Assignment	4	20
X7457	Educational Studies, Professional Values	4	20
X7459	Professional Learning Through Enquiry	4	20
X7465	Professional Skills; Curriculum and Pedagogy Chemistry 1	4	40
X7460	Professional Skills; Professional Practice 1	4	40

BSc Hons Chemistry and BSc Hons Forensic and Analytical Chemistry

All BSc Hons Chemistry and BSc Hons Forensic and Analytical Chemistry students shall undertake modules amounting to 120 credits as follows:

Chemistry

Module Code	Module Title	Level	Credits
CH470	BSc with Honours in Chemistry	4	120

Forensic and Analytical Chemistry

Module Code	Module Title	Level	Credits
CH478	BSc with Honours in Forensic and Analytical Chemistry	4	120

Each of the above modules (CH470, CH478) comprises:

Module Code	Module Title	Level	Credits
CH436	Honours Project and Dissertation	4	40
CH437	Career Skills	4	20

Together with modules appropriate to the chosen programme

Chemistry

Module Code	Module Title	Level	Credits
CH479	Core Topics in Chemistry	4	20
CH480	Chemistry Specialisation Topics	4	40

Forensic and Analytical Chemistry

Module Code	Module Title	Level	Credits
CH479	Core Topics in Chemistry	4	20
CH477	Forensic and Analytical Chemistry Specialisation Topics	4	40

BSc Hons Chemistry with Teaching

All BSc Hons Chemistry with Teaching students shall normally undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies, Professional Values	4	20
X7459	Professional Learning Through Enquiry	4	20

X7465	Professional Skills; Curriculum and Pedagogy Chemistry 1	4	40
X7460	Professional Skills – Professional Practice	4	40

BSc Hons Chemistry with Teaching (International)
All BSc Hons Chemistry with Teaching (International) students shall normally undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies, Professional Values	4	20
X7459	Professional Learning Through Enquiry	4	20
X7465	Professional Skills; Curriculum and Pedagogy Chemistry 1	4	40
X7496	Placement Learning: Community	4	20
X7497	Learning on Placement	4	20

6. Fifth Year
All MChem students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Chemistry

Module Code	Module Title	Level	Credits
CH583	MChem in Chemistry	5	120

Chemistry with Teaching

Module Code	Module Title	Level	Credits
CH585	MChem in Chemistry with Teaching	5	120

Forensic and Analytical Chemistry

Module Code	Module Title	Level	Credits
CH584	MChem in Forensic and Analytical Chemistry	5	120

Each of the above modules (CH583, CH585, CH584) comprises:

Module Code	Module Title	Level	Credits
CH591	Core Topics in Chemistry	5	20
CH592	MChem Project, Dissertation and Presentation	5	60

And either			
CH553	Chemistry Specialisation	5	40
Or			
CH554	Forensic and Analytical Chemistry Specialisation	5	40

Curriculum (Part-time study)

7. Students studying on a part-time basis will normally take modules amounting to 60 credits in each year.

Progress

8. In order to progress to the second year of the programme in addition to satisfying the requirements of the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, a student must also gain non-compensated passes in the following modules: CH106 Chemistry: Principles and Practice 1, CH107 Chemistry: Principles and Practice 2 and CH108 Practical and Transferable Skills.

9. In order to progress to the third year of the Chemistry with Teaching programme, a student must satisfy the requirements for entering Initial Teacher Education and have accumulated at least 220 credits from the programme curriculum, including normally 100 at Level 2 from Chemistry modules in the second year curriculum. In order to progress to the third year of the other programmes, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. In order to progress to the fourth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply including at least 60 Level 3 credits from third year Chemistry modules.

11. In order to progress to the fifth year of the programme, the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply including 120 credits at Level 4 from the fourth year Chemistry modules. For MChem Chemistry with Teaching the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply including 140 credits at Level 4.

Final Honours Classification

12. On successful completion of the fourth year, a BSc Hons Chemistry or the BSc Hons in Forensic Analytical Chemistry, candidate will be awarded 120 Level 4 credits under the module code CH470 or CH478 as appropriate.

13. BSc with Honours in Chemistry with Teaching or Chemistry with Teaching (International): In order to qualify for the award of the degree, a candidate must have accumulated no fewer than 480 credits from the programme curriculum including the credits for all the compulsory Teaching/Teaching (International) modules taken individually.

14. On successful completion of the fifth year, a candidate will be awarded 120 Level 5 credits under the module code CH583, CH585 or CH584 as appropriate.

15. The final classification for the degree in the chosen programme will be based on the first assessed attempt at compulsory and specified optional modules taken in the third, fourth and fifth years where undertaken.

Award

16. **MChem:** In order to qualify for the award of the degrees of MChem, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

17. **BSc with Honours:** In order to qualify for the award of the degrees of BSc with Honours in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

18. **BSc with Honours in Chemistry (Professional Experience):** Students who have achieved 480 credits including modules CH450, and, CH451 or CH452 or CH462 by the end of Year 4 and have not progressed to Year 5 (due to voluntary withdrawal) are eligible for the award of BSc Honours in Chemistry (Professional Experience).

19. **BSc:** In order to qualify for the award of the degrees of **BSc in Chemistry and BSc in Chemistry (Education),** see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level. To qualify for the award of **BSc Forensic and Analytical Chemistry** a student must have achieved 360 credits including module CH477.

20. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

21. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Chemical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

22. A student who fails to satisfy the progress or award requirements for the degree of MChem may be transferred to the BSc with Honours of the aligned degree programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES

Bachelor of Science with Honours in Biochemistry and Immunology
Bachelor of Science with Honours in Biochemistry and Microbiology
Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science with Honours in Immunology and Microbiology
Bachelor of Science with Honours in Immunology and Pharmacology
Bachelor of Science with Honours in Microbiology and Pharmacology
Bachelor of Science with Honours in Biomedical Science
Bachelor of Science with Honours in Biomolecular Sciences
Bachelor of Science with Honours in Biology with Teaching (International)
Bachelor of Science in Biological Sciences
Diploma of Higher Education in Biological Sciences
Certificate of Higher Education in Biological Sciences

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

Curriculum (Full-time study)
1. All students shall undertake an approved curriculum as follows:

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM110	Being a Biomolecular Scientist 1	1	40
BM109	Foundation Biomolecular Sciences: Cells and Their Molecules	1	20
CH112	Bio-Organic Chemistry	1	20
BM108	Foundation Biomolecular Sciences 2: Organisms and Disease	1	20
	Elective Module(s)		20

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM214	Being a Biomolecular Scientist 2	2	40
BM212	Introduction to Immunology	2	20

BM210	Introduction to Biochemistry	2	20
BM213	Introduction to Pharmacology	2	20
BM211	Introduction to Microbiology	2	20

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM327	Being a Biomolecular Scientist 3	3	40

Biochemistry and Immunology Compulsory Modules

Module Code	Module Title	Level	Credits
BM325	Fundamental Immunology	3	20
BM323	Biomedical Immunology	3	20
BM326	Fundamental Biochemistry	3	20
BM321	Biomedical Biochemistry	3	20

Biochemistry and Microbiology Compulsory Modules

Module Code	Module Title	Level	Credits
BM330	Fundamental Microbiology	3	20
BM329	Biomedical Microbiology	3	20
BM326	Fundamental Biochemistry	3	20
BM321	Biomedical Biochemistry	3	20

Biochemistry and Pharmacology Compulsory Modules

Module Code	Module Title	Level	Credits
BM324	Fundamental Pharmacology	3	20
BM322	Biomedical Pharmacology	3	20
BM326	Fundamental Biochemistry	3	20
BM321	Biomedical Biochemistry	3	20

Microbiology and Pharmacology Compulsory Modules

Module Code	Module Title	Level	Credits
BM324	Fundamental Pharmacology	3	20
BM322	Biomedical Pharmacology	3	20
BM330	Fundamental Microbiology	3	20
BM329	Biomedical Microbiology	3	20

Biological Sciences and Biomolecular Sciences

80 credits chosen from the modules listed in this Regulation.

Biomedical Science

Compulsory Modules

Module Code	Module Title	Level	Credits
BM329	Biomedical Microbiology	3	20
BM325	Fundamental Immunology	3	20
BM321	Biomedical Biochemistry	3	20
BM328	Fundamental Biomedical Science: Haematology and Immunodiagnostics	3	20

Immunology and Microbiology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM325	Fundamental Immunology	3	20
BM323	Biomedical Immunology	3	20
BM330	Fundamental Microbiology	3	20
BM329	Biomedical Microbiology	3	20

Immunology and Pharmacology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM325	Fundamental Immunology	3	20
BM323	Biomedical Immunology	3	20

BM324	Fundamental Pharmacology	3	20
BM322	Biomedical Pharmacology	3	20

Biology with Teaching (International)

80 credits chosen from the modules listed in this Regulation excluding BM328 (Fundamental Biomedical Science: Haematology and Immunodiagnostics).

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM432	Being a Biomolecular Scientist 4	4	40
BM498	Composite Mark*	4	80

*BM498 Composite Mark comprises:

Biochemistry and Immunology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM426	Clinical Immunology	4	20
BM430	Advanced Biochemistry	4	20
BM427	Advanced Immunology	4	20
BM423	Clinical Biochemistry	4	20

Biochemistry and Microbiology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM425	Advanced Microbiology	4	20
BM430	Advanced Biochemistry	4	20
BM423	Clinical Biochemistry	4	20
	AND EITHER		
BM424	Clinical Microbiology	4	20
	OR		

BM435	Applied Microbiology	4	20

Biochemistry and Pharmacology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM429	Advanced Pharmacology	4	20
BM430	Advanced Biochemistry	4	20
BM434	Clinical Pharmacology	4	20
BM423	Clinical Biochemistry	4	20

Microbiology and Pharmacology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM429	Advanced Pharmacology	4	20
BM425	Advanced Microbiology	4	20
BM434	Clinical Pharmacology	4	20
	AND EITHER		
BM424	Clinical Microbiology	4	20
	OR		
BM435	Applied Microbiology	4	20

Biomedical Science

Compulsory Modules

Module Code	Module Title	Level	Credits
BM426	Clinical Immunology	4	20
BM423	Clinical Biochemistry	4	20
BM424	Clinical Microbiology	4	20
BM422	Advanced Biomedical Science: Cellular and Molecular Pathology	4	20

Immunology and Microbiology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM426	Clinical Immunology	4	20
BM425	Advanced Microbiology	4	20
BM427	Advanced Immunology	4	20
	AND EITHER		
BM424	Clinical Microbiology	4	20
	OR		
BM435	Applied Microbiology	4	20

Immunology and Pharmacology

Compulsory Modules

Module Code	Module Title	Level	Credits
BM426	Clinical Immunology	4	20
BM429	Advanced Pharmacology	4	20
BM427	Advanced Immunology	4	20
BM434	Clinical Pharmacology	4	20

Biological and Biomolecular Sciences

80 credits chosen from Fourth Year modules.

Biology with Teaching (International)

Compulsory Modules

Module Code	Module Title	Level	Credits
X7457	Educational Studies; Professional Values 1	4	20
X7459	Professional Learning Through Enquiry 1	4	20
X7463	Professional Skills; Curriculum and Pedagogy Biology 1	4	40
X7496	Placement Learning: Community	4	20
X7497	Learning on Placement	4	20

Curriculum (Part-time study)

2. 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)

3. In order to progress to the second year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

4. In order to progress to the third year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

5. In order to progress to the fourth year of the programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Progress (Part-time study)

6. The General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

Final Assessment and Honours Classification

7. On successful completion of the fourth year, a student will be awarded 120 Level 4 credits under the module code BM499.

8. The final Honours classification will normally be based on the first assessed attempt at compulsory and specified optional modules in the third and fourth years.

Award

9. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in the chosen programme the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

10. **BSc with Honours in Biology with Teaching (International)**: In order to qualify for the award of the degree of BSc with Honours in Biology with Teaching (International) a student must have accumulated no fewer than 480 credits from the programme curriculum. Notwithstanding the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level, these must include:

    i. the credits for all the compulsory Level 4 Education modules taken individually;
    ii. no fewer than 200 credits at Levels 3 and 4 with at least 160 credits at Level 4.

11. **BSc**: In order to qualify for the award of the BSc in Biological Sciences Regulation the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

12. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Biological the *General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level* shall apply.

13. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Biological Sciences the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES

Master of Science in Biochemistry
Master of Science in Immunology
Master of Science in Microbiology
Master of Science in Pharmacology
Bachelor of Science with Honours in Biochemistry and Immunology
Bachelor of Science with Honours in Biochemistry and Microbiology
Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science with Honours in Immunology and Microbiology
Bachelor of Science with Honours in Immunology and Pharmacology
Bachelor of Science with Honours in Microbiology and Pharmacology
Bachelor of Science with Honours in Biomedical Science
Bachelor of Science in Biological Sciences
Diploma of Higher Education in Biological Sciences
Certificate of Higher Education in Biological Sciences

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

Curriculum (Full-time study)
1. All students shall undertake an approved curriculum as follows:

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM110	Being a Biomolecular Scientist 1	1	40
BM109	Foundation Biomolecular Sciences: Cells and their Molecules	1	20
CH112	Bio-Organic Chemistry	1	20
BM108	Foundation Biomolecular Science 2: Organisms and Disease	1	20
	Elective Modules		20

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits

BM214	Being a Biomolecular Scientist 2	2	40
BM212	Introduction to Immunology	2	20
BM210	Introduction to Biochemistry	2	20
BM213	Introduction to Pharmacology	2	20
BM211	Introduction to Microbiology	2	20

Third Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
BM327	Being a Biomolecular Scientist 3	3	40

Optional Modules

Module Code	Module Title	Level	Credits
BM326	Fundamental Biochemistry*	3	20
BM321	Biomedical Biochemistry*	3	20
BM325	Fundamental Immunology**	3	20
BM323	Biomedical Immunology**	3	20
BM330	Fundamental Microbiology***	3	20
BM329	Biomedical Microbiology***	3	20
BM324	Fundamental Pharmacology****	3	20
BM322	Biomedical Pharmacology****	3	20
BM328	Fundamental Biomedical Science: Haematology and Immunodiagnostics	3	20

*Compulsory for Biochemistry
**Compulsory for Immunology
***Compulsory for Microbiology
****Compulsory for Pharmacology

Students must pass the optional modules before they can take the related Clinical/Advanced modules in fourth year.

Fourth Year

Students 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 modules amounting to 120 credits choosing two subject combinations from the following:

Compulsory Modules

Module Code	Module Title	Level	Credits
BM432	Being a Biomolecular Scientist 4	4	40

Optional Modules

Module Code	Module Title	Level	Credits
BM430	Advanced Biochemistry*	4	20
BM423	Clinical Biochemistry	4	20
BM426	Clinical Immunology**	4	20
BM427	Advanced Immunology	4	20
BM425	Advanced Microbiology***	4	20
BM424	Clinical Microbiology^	4	20
BM435	Applied Microbiology^	4	20
BM429	Advanced Pharmacology****	4	20
BM434	Clinical Pharmacology	4	20
BM422	Advanced Biomedical Science: Cellular and Molecular Pathology	4	20

^Either BM424 Clinical Microbiology or BM435 Applied Microbiology

Not all optional modules on this list will be available in each academic year. Please check your programme handbook for confirmation of which optional modules will run.
*Compulsory for Biochemistry
**Compulsory for Immunology
***Compulsory for Microbiology
****Compulsory for Pharmacology

Fifth Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
BM503	MSci in Biochemistry*	5	120
BM502	MSci in Immunology**	5	120

BM504	MSci in Microbiology***	5	120
BM501	MSci in Pharmacology****	5	120

*Compulsory for Biochemistry
**Compulsory for Immunology
***Compulsory for Microbiology
****Compulsory for Pharmacology

Each of the above 120 credit modules comprises of modules appropriate to the chosen programme.

Module Code	Module Title	Level	Credits
	MSci (programme) Project and Thesis	5	80
	Research Topics in (programme)	5	20
BM952	Essential Skills and Employability for Masters Students	5	20

On successful completion of the fifth year of the programme, a candidate will be awarded 120 Level 5 credits under the module code BM501, BM502, BM503 or BM504 as appropriate.

Curriculum (Part-time study)

2. See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Full-time study)

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

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

5. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. In order to progress to the fifth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Progress (Part-time study)

7. In order to progress to the next full-time equivalent year of the programme, a part- time student must normally satisfy the appropriate progress requirements for full-time study.

8. 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.

Final Assessment and Degree Classification

9. The final classification will normally be based on the first assessed attempt at compulsory and specified optional modules in the third, fourth and fifth years.

Award

10. **MSci**: In order to qualify for the award of the degree of MSci in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

11. **BSc with Honours**: In order to qualify for the award of the degree of BSc with Honours in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **BSc**: In order to qualify for the award of the BSc in Biological Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education**: In order to qualify for the award of a Diploma of Higher Education in Biological Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education**: In order to qualify for the award of a Certificate of Higher Education in Biological Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES

Bachelor of Science with Honours in Biochemistry and Pharmacology
Bachelor of Science in Biological Sciences

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

Mode of Study

1. The programme is available by full-time study only.

Place of Study

2. 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 University of Strathclyde.

Curriculum (Full-time study)

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

First Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
BM113	CPU Biological Sciences 1	1	120

Second Year

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

Compulsory Module

Module Code	Module Title	Level	Credits
BM215	CPU Biological Sciences 2	2	120

Third Year

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

Compulsory Module

Module Code	Module Title	Level	Credits

BM331	CPU Biological Sciences 3	3	120

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM432	Being a Biomolecular Scientist	4	40
BM429	Advanced Pharmacology	4	20
BM430	Advanced Biochemistry	4	20
BM434	Clinical Pharmacology	4	20
BM423	Clinical Biochemistry	4	20

Progress (Full-time study)

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

5. In order to progress to the third year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

6. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Assessment and Honours Classification

7. On successful completion of the fourth year, a candidate will be awarded 80 credits at Level 4 under the module code BM498. BM498 includes all modules in fourth year except BM432.

8. The final Honours classification will be based on the first assessed attempt at compulsory modules in the fourth year.

Award

9. BSc with Honours: In order to qualify for the award of the degree of BSc with Honours in the chosen programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. BSc: In order to qualify for the award of the BSc in Biological Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACY

Master of Pharmacy in Pharmacy
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences
Diploma of Higher Education in Pharmaceutical Sciences
Certificate of Higher Education in Pharmaceutical Sciences

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

Admission

1. Admission to the programme shall normally be into Second Year. Students will be awarded RPL equivalent to 120 credits at Level 1.

Status of Degree

2. The programme 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 – 5).

Place of Study

3. The programme 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.

Mode of Study

4. The programme is normally available by full-time study only.

Curriculum

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM108	Foundation Biomolecular Science: 2 Organisms and Disease	1	20
BM109	Foundation and Biomolecular Sciences: Cells and their Molecules	1	20
BM110	Being a Biomolecular Scientist 1	1	40
CH112	Bio-Organic Chemistry	1	20
	Elective Module(s)		20

Second Year

All students shall undertake modules amounting to 120 credits as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
MP221	Normal Function of the Gastrointestinal Tract	2	20
MP222	Normal Function of the Cardiovascular and Respiratory Systems	2	20
MP223	Normal Function of the Central Nervous and Endocrine Systems	2	20
MP224	Normal Function of the Renal and Hepatic Systems	2	20
MP220	Being a Pharmacist 1	2	40

Third Year

All students shall undertake modules amounting to 120 credits as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
MP321	Management of Infection and Infectious Diseases	3	20
MP322	Management of Gastrointestinal and Endocrine Conditions	3	20
MP323	Management of Cardiovascular Conditions	3	20
MP324	Management of Respiratory and Inflammatory Conditions	3	20
MP320	Being a Pharmacist 2	3	40

Fourth Year

All students shall undertake modules amounting to 120 credits as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
MP421	Management of Malignancy and Inflammatory Conditions	4	20
MP422	Management of Central Nervous System Conditions	4	20
MP428	Management of Inflammatory Conditions	4	20
MP429	New Medicines; Better Medicines; Better Use of Medicines	4	20
MP420	Being a Pharmacist 3	4	40

Fifth Year

All students shall undertake modules amounting to 120 credits as follows

Compulsory Modules

Module Code	Module Title	Level	Credits
MP507	Research Project	5	40
MP520	Being a Pharmacist 4	5	40
MP513	Advanced Clinical Practice	5	40

Progression

5. Each year, students must pass all modules, 120 credits, before they can proceed to the next year of study.

6. Students will have a maximum of two attempts at each module.

7. Students who fail up to and including 40 credits at the first attempt (excluding discounts) will be transferred to the BSc (Hons) Biochemistry and Pharmacology programme.

8. Students who fail more than 40 credits will be withdrawn and, depending on the number of credits achieved, awarded the relevant exit award.

Final Classification

9. The final classification for the degree of MPharm will normally be based on the first assessed attempt at modules at levels four and five.

Award

10. **MPharm**: In order to qualify for the award of the degree of MPharm in Pharmacy the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

11. **Bachelor of Science with Honours in Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of MPharm may be awarded the degree of BSc Honours in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Bachelor of Science Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of MPharm may be awarded the degree of BSc in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Diploma of Higher Education in Pharmaceutical Sciences**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Certificate of Higher Education in Pharmaceutical Sciences**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

15. Students who fail up to 40 credits will be transferred to the BSc (Hons) Biochemistry and Pharmacology programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACY

Master of Pharmacy in Pharmacy (with Honours)
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences
Diploma of Higher Education in Pharmaceutical Sciences
Certificate of Higher Education in Pharmaceutical Sciences

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

Admission

1. Admission to the programme shall normally be into Second Year from an agreed articulation partner. Students will be awarded RPL equivalent to 120 credits at Level 1.

Status of Degree

2. The programme 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.

Place of Study

3. The programme 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.

Mode of Study

4. The programme is normally available by full-time study only.

Curriculum

First Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
BM108	Foundation Biomolecular Science 2: Organisms and Disease	1	20
BM109	Foundation Biomolecular Sciences: Cells and Their Molecules	1	20
BM110	Being a Biomolecular Scientist 1	1	40
CH112	Bio-Organic Chemistry	1	20
	Elective Module(s)		20

Second Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MP221	Normal Function of the Gastrointestinal Tract	2	20
MP222	Normal Function of the Cardiovascular and Respiratory Systems	2	20
MP223	Normal Function of the Central Nervous and Endocrine Systems	2	20
MP224	Normal Function of the Renal and Hepatic Systems	2	20
MP220	Being a Pharmacist 1	2	40

Third Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MP321	Management of Infection and Infectious Diseases	3	20
MP322	Management of Gastrointestinal and Endocrine Conditions	3	20
MP323	Management of Cardiovascular Conditions	3	20
MP324	Management of Respiratory and Inflammatory Conditions	3	20
MP320	Being a Pharmacist 2	3	40

Fourth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MP421	Management of Malignancy and Inflammatory Conditions	4	20
MP422	Management of Central Nervous System Conditions	4	20
MP428	Management of Inflammatory Conditions	4	20
MP429	New Medicines; Better Medicines; Better Use of Medicines	4	20
MP420	Being a Pharmacist 3	4	40

Fifth Year

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

Compulsory Modules

Module Code	Module Title	Level	Credits
MP507	Research Project	5	40
MP520	Being a Pharmacist	5	40
MP513	Advanced Clinical Practice	5	40

Progression

5. Each year students must pass all modules, 120 credits, before they can proceed to the next year of study.

6. Students will normally have a maximum of two attempts at each module.

7. Students who fail up to and including 40 credits will be transferred to the BSc (Hons) Biochemistry and Pharmacology programme.

8. Students who fail more than 40 credits will be withdrawn and, depending on the number of credits achieved, awarded the relevant exit award.

Final Classification

9. The final classification for the degree of MPharm (with Honours) will normally be based on the first assessed attempt at modules at levels four and five.

10. The MPharm (with Honours) will be classified in accordance with the General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Award

11. **MPharm**: In order to qualify for the award of the degree of MPharm in Pharmacy (with Honours), see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

12. **Bachelor of Science with Honours in Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of MPharm in Pharmacy (with Honours) may be awarded the degree of BSc Hons in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

13. **Bachelor of Science in Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of MPharm in Pharmacy (with Honours) may be awarded the degree of BSc in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

14. **Diploma of Higher Education in Pharmaceutical Sciences**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

15. **Certificate of Higher Education in Pharmaceutical Sciences**: See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Transfer

16. Students who fail up to 40 credits at the first attempt (excluding discounts) will be transferred to the BSc (Hons) Biochemistry and Pharmacology programme.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACEUTICAL SCIENCES

Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences
Diploma of Higher Education in Pharmaceutical Sciences
Certificate of Higher Education in Pharmaceutical Sciences

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

Mode of Study
1. The programmes are normally available by full-time study only.

Curriculum
2. All students shall undertake an approved curriculum as follows:

First Year

Module Code	Module Title	Level	Credits
BM110	Being a Biomolecular Scientist 1	1	40
BM109	Foundation Biomolecular Sciences: Cells and Their Molecules	1	20
CH112	Bio-Organic Chemistry	1	20
BM108	Foundation Biomolecular Science 2: Organisms and Disease	1	20
	Elective Module(s)		20

Second Year

Module Code	Module Title	Level	Credits
MP221	Normal Function of the Gastrointestinal Tract	2	20
MP222	Normal Function of the Cardiovascular and Respiratory Systems	2	20
MP223	Normal Function of the Central Nervous and Endocrine Systems	2	20
MP224	Normal Function of the Renal and Hepatic Systems	2	20
MP220	Being a Pharmacist 1	2	40

Third Year

Module Code	Module Title	Level	Credits

MP321	Management of Infection and Infectious Diseases	3	20
MP322	Management of Gastrointestinal and Endocrine Conditions	3	20
MP323	Management of Cardiovascular Conditions	3	20
MP324	Management of Respiratory and Inflammatory Conditions	3	20
MP320	Being a Pharmacist 2	3	40

Fourth Year

Compulsory Modules

All students shall undertake compulsory module MP427 Pharmaceutical Sciences 4 amounting to 120 credits as follows:

Module Code	Module Title	Level	Credits
MP421	Management of Malignancy and Inflammatory Conditions	4	20
MP422	Management of Central Nervous System Conditions	4	20
MP420	Being a Pharmacist 3	4	40
MP428	Management of Inflammatory Conditions	4	20
MP429	New Medicines; Better Medicines; Better Use of Medicines	4	20

Progress

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

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

5. In order to progress to the fourth year of the programme, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

Final Classification

6. The final classification for the degree of BSc with Honours in Pharmaceutical Sciences will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional modules at levels three and four.

Award

7. BSc with Honours: In order to qualify for the award of the degree of BSc with Honours in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

8. BSc: In order to qualify for the award of the degree of BSc in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

9. Diploma of Higher Education: In order to qualify for the award of a Diploma of Higher Education in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

10. Certificate of Higher Education: In order to qualify for the award of a Certificate of Higher Education in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

PHARMACY

Master of Pharmacy in Pharmacy (with Honours)
Bachelor of Science with Honours in Pharmaceutical Sciences
Bachelor of Science in Pharmaceutical Sciences
Diploma of Higher Education in Pharmaceutical Sciences

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

The programme is offered jointly between the University of Strathclyde and Middle East University and the joint award certificate will contain the crest of both universities.

Students shall be subject to the programme regulations that have been adopted by both Universities and to any other General Regulations, etc. of the University at which the student is studying.

The University of Strathclyde will be the administering institution and will chair a Joint Programme Management Committee made up of the programme directors from both partner institutions and head the board of examiners. The administering institution will be responsible for the production of an annual report to allow monitoring of academic quality and standards by all the partner institutions.

Admission

1. Candidates will undertake a Level 1 foundation year at Middle East University, upon successful completion of which, they will be admitted to the MPharm Second Year and will be awarded 120 personal credits for prior learning.

Status of Degree

2. The programme 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 Joint MPharm degree is normally completed in 4 years (years 2-5)

Place of Study

3. Years 2 and 3 will be taught by staff at the Middle East University with support of Strathclyde staff. Years 4 and 5 will be taught at the University of Strathclyde. The programme includes time spent in experiential learning sites at both locations including hospitals and community pharmacies. During their time at Strathclyde, students shall require a valid Protecting Vulnerable Groups Certificate from Disclosure Scotland.

Mode of Study

4. The programme is normally available by full-time study only.

Curriculum

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

Second Year

All students shall undertake modules delivered at Middle East University amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MJ221	Normal Function of the Gastrointestinal Tract	2	20
MJ222	Normal Function of the Cardiovascular and Respiratory Systems	2	20
MJ223	Normal Function of the Central Nervous and Endocrine Systems	2	20
MJ224	Normal Function of the Renal and Hepatic Systems	2	20
MJ220	Being a Pharmacist 1	2	40

Third Year

All students shall undertake modules delivered at Middle East University amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MJ321	Management of Infection and Infectious Diseases	3	20
MJ322	Management of Gastrointestinal and Endocrine Conditions	3	20
MJ323	Management of Cardiovascular Conditions	3	20
MJ324	Management of Respiratory and Inflammatory Conditions	3	20
MJ320	Being a Pharmacist 2	3	40

Fourth Year

All students shall undertake modules delivered at the University of Strathclyde amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MP421	Management of Malignancy and Inflammatory Conditions	4	20
MP422	Management of Central Nervous Systems Conditions	4	20
MP428	Management of Inflammatory Conditions	4	20
MP429	New Medicines; Better Medicines; Better Use of Medicines	4	20
MP420	Being a Pharmacist 3	4	40

Fifth Year

All students shall undertake modules delivered at the University of Strathclyde amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MP507	Research Project	5	40
MP520	Being a Pharmacist 4	5	40
MP513	Advanced Clinical Practice	5	40

Final Classification

6. The final classification for the degree of MPharm will normally be based on the first assessed attempt at modules at Levels four and five.

Award

7. **MPharm with Honours**: In order to qualify for the award of the degree of MPharm in Pharmacy (with Honours) General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level shall apply.

.8 **Bachelor of Science with Honours in Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of MPharm in Pharmacy (with Honours) may be awarded the degree of BSc Honours in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

.9 **Bachelor of Science in Pharmaceutical Sciences**: A student who fails to satisfy the award requirements for the degree of BSc with Honours in Pharmaceutical Sciences may be awarded the degree of BSc in Pharmaceutical Sciences, see General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.

.10 **Diploma of Higher Education in Pharmaceutical Sciences:** See General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.