

Supplementary Regulations for the International Bachelor of Science Foundation Programme and the Bachelor of Engineering (International Foundation) Programmes

REGULATIONS

- 1 The International Bachelor of Science Foundation Programme will be available in Biological Science, Chemistry, Computing Science, Mathematics, Medical Sciences and Psychology. The Bachelor of Engineering (International Foundation) Programme will be available in Civil Engineering, Electrical Engineering, Mechanical Engineering and Petroleum Engineering.
- 2 Every candidate for the International Bachelor of Science Foundation Programme or Bachelor of Engineering (International Foundation) Programme must have registered and paid fees as a Foundation student for one full time session.
- 3 Successful completion of the initial programme year(s) will require passes in the minimum subject courses as detailed in the programme prescription, together with the successful completion of the English Language programme, unless exempted by the (area) Admissions Selector from this requirement on the grounds of prior learning.
- 4 Candidates who successfully complete the initial programme year, on application, may be awarded an Undergraduate Certificate in Higher Education (UgCertHE). Candidates who successfully complete the second programme year of the Bachelor of Engineering (International Foundation) Programme may, on application, be awarded an Undergraduate Diploma in Higher Education (UgDipHE).
- 5 Candidates who do not complete the requirements for the International Bachelor of Science Foundation Programme or Bachelor of Engineering (International Foundation) Programme, as listed in the programme prescription, shall be entitled to one repeat attempt of the International Bachelor of Science Foundation Programme or Bachelor of Engineering (International Foundation) Programme year one, and one repeat attempt of the or Bachelor of Engineering (International Foundation) Programme year two, and shall be required to resit all courses in that academic year in their entirety.
- 6 Candidates who fail to complete the requirements in a repeat year shall be required to discontinue their studies, except under exceptional circumstances of health or personal issues, which must be notified to the Programme Coordinator and substantiated by documentary evidence within seven days of any formal assessment. Retrospective claims will not be acceptable.
- 7 Candidates who do not complete the requirements for the International Bachelor of Science Foundation Programme or Bachelor of Engineering (International Foundation) Programme, as listed in the programme prescription, and who choose not to repeat study, will have their studies terminated and will not be entitled to continue study within the University of Aberdeen.
- 8 Successful completion of the International Bachelor of Science Foundation Programme (Biological Science, Chemistry, Computing Science, Mathematics, Medical Sciences, Psychology) will entitle candidates to be awarded 120 Level 1 credit points and direct entrance to Level 2 of their nominated BSc programmes as indicated in the programme prescriptions. Successful completion of the Bachelor of Engineering (International Foundation) Programme will entitle candidates to be awarded 120 Level 1 and 120 level 2 credit points and direct entrance to Level 3 of their nomination BEng programme as indicated in the programme prescription.
- 9 Candidates for Biological Science, Chemistry, Computing Science, Mathematics, Medical Sciences and Psychology will be given exemption from the compulsory courses required for Level 1 of their chosen degree area on successful completion of the Programme. Candidates for the Bachelor of Engineering (International Foundation) Programme will be given exemption from the compulsory courses required for Level 1 and Level 2 of their chosen degree area on successful completion of the Programme.
- 10 Candidates who successfully complete the requirements of the International Bachelor of Science Foundation Programme or Bachelor of Engineering (International Foundation) Programme will, on progression, be required to comply with the regulations for their chosen BEng or BSc programme.

Supplementary Regulations for the Degree of Master of Engineering (MEng)

RESOLUTION

The degree of Master of Engineering (MEng) is conferred in accordance with Resolution No. 183 of 1995, which was approved by the University Court and came into force on 12 December 1995.

REGULATIONS

1. The Degree of Master of Engineering (MEng) may be conferred as a first degree but only following the completion of an Honours programme. The examiners may recommend that a candidate who has failed to achieve the standard for the award of the Degree with Honours be awarded the Degree of Bachelor of Engineering, or the Degree of Bachelor of Science in Engineering, in accordance with the Supplementary Regulations governing those degrees.
2. Studies for the MEng are organised in five programme years. A full-time student carries out the studies of each programme year within one session. In each programme year the minimum curriculum which must be studied amounts to 120 credit points. Programme years one and two may be undertaken by part-time study, in which case the studies of each of those programme years would normally be spread over two sessions.
3. The courses for the degree are those contained in the Programme Prescription annexed to these regulations; only passes in those courses are recognised for the purpose of these regulations and the award of the degree. Passes obtained under previous versions of the Programme Prescriptions will continue to be valid.
4. All candidates who are admitted to the degree or to the Honours programme must be registered for one of the following degree programmes:

Engineering
Chemical Engineering
Civil and Environmental Engineering
Civil and Structural Engineering
Civil Engineering
Civil Engineering with Management
Civil Engineering with Subsea Technologies
Electrical and Electronic Engineering
Electrical and Electronic Engineering with European Studies
Mechanical and Electrical Engineering
Mechanical Engineering
Mechanical Engineering with European Studies
Mechanical Engineering with Management
Mechanical Engineering with Subsea Technologies
Petroleum Engineering

The requirements of the individual degree programmes are set out in the Programme Prescriptions. The Professional Engineering Institutions, in accrediting the degree programme for registration and membership purposes, have accepted the degree programmes as indicated in the Programme Prescriptions.

5. The Honours programme of the degree comprises programme years 3, 4 and 5.
- 6.1 In the case of exemption being granted by the Senatus Academicus, where a candidate is seeking study abroad, the period of study at the University of Aberdeen must be at least four sessions full-time, or the equivalent if part-time study is involved. Study abroad may only be undertaken on presentation of a curriculum of study approved by the Admissions Selector. In the case of candidates who do not follow and achieve the approved curriculum, they will be required to repeat their programme year.
- 6.2 In the case of exemption being granted by the Senatus Academicus, where a candidate is permitted to enter the programme at the beginning of Level 2, the minimum period of study must be not less than four full-time sessions, or the part-time equivalent.
- 6.3 In the case of exemption being granted by the Senatus Academicus, where a candidate is permitted to enter the programme at the beginning of Level 3, the minimum period of study must be not less than three full-time sessions, or the part-time equivalent.
- 6.4 In cases where the Senatus Academicus has approved arrangements made with other specific institutions for Honours projects abroad, candidates may attend courses taken at one of these institutions and these courses may be regarded as part of the Honours programmes. Such courses may not contribute more than one half session of the Honours programme. Such courses may NOT be taken at level 1 for any candidate. Such courses may not be taken at level 2 for any candidate entering the programme at the beginning of level 2.
7. Credit points awarded as part of studies in programme years 1, 2, 3 and 4 of the BEng degree at the University of Aberdeen may be recognised for the purposes of the MEng degree.
- 8.1 In terms of General Regulation for First Degrees 16.1, except with the permission of the Senatus Academicus, candidates may not progress from programme year 1 to programme year 2 unless they have accumulated by award or recognition, at least 120 credit points, and passed all courses prescribed for their particular degree programme.
- 8.2 In terms of General Regulations for First Degrees 16.1 and 16.4, except with the permission of the Senatus Academicus, candidates may not proceed to the Honours programme unless they have accumulated by award or recognition, at least 240 credit points and passed all courses prescribed for their particular degree programme.

- 8.3 In terms of General Regulations for First Degrees 16.3, candidates who do not satisfy the progression requirements in 8.1 or 8.2 above, and who wish to continue study, will normally be required by the Senatus Academicus to transfer to the appropriate programme year of either the Degree of Bachelor of Engineering (BEng) or the Degree of Bachelor of Science in Engineering (BSc Eng), in accordance with the Supplementary Regulations which govern those degrees.
- 9.1 In terms of General Regulations for First Degrees 16.1(f) and 16.4, except with the permission of the Senatus Academicus, candidates may not progress from programme year 3 to programme year 4 unless they have accumulated by award of recognition, at least 360 credit points from courses attended and passed all courses prescribed for their particular degree programme.
- (i) Candidates who have achieved the required credit points but not reached the required standard of performance, but who are given the permission of the Senatus Academicus to progress from programme year 3 to programme year 4, will do so provisionally, and the situation will be reviewed following receipt of results for the first half session.
- 9.2 In terms of General Regulations for First Degrees 16.1(f) and 16.4, except with the permission of the Senatus Academicus, candidates may not progress from programme year 4 to programme year 5 unless they have accumulated by award of recognition, at least 480 credit points and passed all courses prescribed for their particular degree programme.
- 9.3 Every candidate for the Degree of Master of Engineering first enrolled in or after Academic year 1990-1991 must obtain a minimum of 600 credit points, including 120 at Level 5, and including passes at first attempt in *Individual Project* or *Individual Project Abroad*, and all required courses as stipulated by Annex A.
- 9.4 The situation of students who are in programme year 3 will be reviewed following receipt of the results for the second half-session. The situation of students who are in programme year 4 will be reviewed following receipt of the results for the first and second half-session. Those students deemed by the Head of Engineering not to have reached a sufficiently high level of performance may be required to transfer to the Degree of Bachelor of Engineering or the Degree of Bachelor of Science in Engineering. The level of performance which will be expected by the Head of Engineering will be made publicly available to students in the School of Engineering Undergraduate Student Handbook.
10. In determining the award of the degree, the examiners will take into account the candidate's performance in the first opportunity for the degree assessment for courses in Programme Years 3, 4 and 5, unless General Regulation 21 (a) applies. In addition, consideration may be given to the performance in such other tests and assessment of a candidate's previous work as the examiners, with the approval of the Senatus Academicus, may from time to time require.
11. In terms of General Regulations for First Degrees 21(a), MEng candidates who fail to complete satisfactorily an element of Honours degree assessment would not normally be awarded compensatory credit, as per the requirements of Supplementary Regulation 9.2.
12. Certain variants of the Master of Engineering programmes require students to pass specified compulsory course elements, as stipulated in Annex A.

ANNEX A

Candidates who are admitted directly into Programme Year 2 will be given exemption or recognition for all or most of the courses in Programme Year 1. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing.

Candidates who are admitted directly into Programme Year 3 will be given exemption or recognition for all or most of the courses in Programme Years 1 & 2. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing.

ACCREDITATION REQUIREMENTS OF SPECIALISED DEGREE PROGRAMMES

Students registered for specialised programmes must pass the compulsory courses at Level 4 and Level 5 as specified below and in the programme prescription to be awarded the Degree. Failure to pass the specified courses, as per Regulation 13, will result in an inability to graduate from the specified programme.

Degree of Master of Engineering in Chemical Engineering

EG 40HA Chemical Reaction Engineering
EG 40HC Process Control
EG 5565 MEng Group Design

Degree of Master of Engineering in Civil and Structural Engineering

EG 40JG Advanced Structural Design
EG 40JH Advanced Structural Analysis

Degree of Master of Engineering in Civil and Structural Engineering with European Studies

EG 40JG Advanced Structural Design
EG 40JH Advanced Structural Analysis

Degree of Master of Engineering in Civil and Environmental Engineering

EG 40JI Environmental Engineering

Degree of Master of Engineering in Civil and Environmental Engineering with European Studies

EG 40JI Environmental Engineering

Degree of Master of Engineering in Electronic Engineering with Communications

EG 40GD Communications Engineering 2

Degree of Master of Engineering in Electronic and Computer Engineering

EG 40GA Computer and Software Engineering

Degree of Master of Engineering in Mechanical and Electrical Engineering

EG 40FD Electrical Machines and Drives

Degree of Master of Engineering in Mechanical Engineering with Materials

EG 40JL Advanced Engineering Materials

REQUIREMENTS OF INDIVIDUAL DEGREE PROGRAMMES

In addition to the above there are further requirements for individual degree programmes which affect only the Honours Programme. These are set out in the programme prescriptions.

The information in the programme prescriptions also shows for each degree programme the engineering institution(s) that accredit the particular programme. Students successfully completing a programme thus accredited and awarded class II (ii) or better will meet the educational requirements of chartered engineer status obtained through the institution named. The accrediting institutions listed are as follows:

ICE refers to the Institution of Civil Engineers

IChemE refers to the Institution of Chemical Engineers

IET refers to the Institution of Engineering and Technology

IHE refers to the Institute of Highway Engineers (IHE)

IMechE refers to the Institution of Mechanical Engineers

IStructE refers to the Institution of Structural Engineers

CIHT refers to the Chartered Institution of Highways & Transportation

EI refers to the Energy Institute

Supplementary Regulations for the Degree of Bachelor of Engineering (BEng)

1. The degree of Bachelor of Engineering (BEng) may be conferred under these Supplementary Regulations only following the completion of one of the Honours programmes listed in Supplementary Regulation 4, below. The examiners may recommend that a candidate who has failed to achieve the standard for the award of the Degree with Honours be awarded the Degree of Bachelor of Science in Engineering, in accordance with the Supplementary Regulations governing that degree.
2. Studies for the BEng are organised in four programme years. A full-time student carries out the studies of each programme year within one session. In each programme year the minimum curriculum that must be studied amounts to 120 credit points. Programme years one and two may be undertaken by part-time study, in which case the studies of each of those programme years would normally be spread over two sessions.
3. The courses for the degree are those contained in the programme prescriptions annexed to these regulations. Only passes in these courses are recognised for the purpose of these regulations and for the award of the degree. Passes obtained under previous versions of the programme prescriptions will continue to be valid.
4. All candidates who are admitted to the degree or to the Honours Programme must be registered for one of the following degree programmes:

Engineering
Chemical Engineering
Engineering (Civil)
Engineering (Civil with European Studies)
Engineering (Civil and Structural)
Engineering (Civil and Environmental)
Engineering (Electrical and Electronic)
Engineering (Mechanical)
Engineering (Mechanical with European Studies)
Engineering (Mechanical and Electrical)
Engineering (Mechanical with Oil and Gas Studies)
Petroleum Engineering

The requirements of the individual degree programmes are set out in the programme prescriptions. The Professional Engineering Institutions in accrediting the degree programmes for registration and membership purposes have accepted the degree programmes as indicated in the programme prescriptions.

5. The Honours programme of the degree comprises programme years 3 and 4.
- 6.1 In the case of exemption being granted by the Senatus Academicus, where a candidate is seeking study abroad, the period of study at the University of Aberdeen must be at least three sessions full-time, or the equivalent if part-time study is involved. Study abroad may only be undertaken on presentation of a curriculum of study approved by the Admissions Selector. In the case of candidates who do not follow and achieve the approved curriculum, they will be required to repeat their programme year.
- 6.2 In the case of exemption being granted by the Senatus Academicus, where a candidate is permitted to enter the programme at the beginning of level 2, the minimum period of study must be not less than three full-time sessions, or the part-time equivalent.
- 6.3 In the case of exemption being granted by the Senatus Academicus, where a candidate is permitted to enter the programme at the beginning of Level 3, the minimum period of study must be not less than two full-time sessions, or the part-time equivalent.
- 6.4 In cases where the Senatus Academicus has approved arrangements made with other specific institutions for Honours Project Abroad, candidates may attend courses taken at one of these institutions and these courses may be regarded as part of the Honours programmes. Such courses may not contribute more than one half session of the Honours programme. Such courses may NOT be taken at level 1 for any candidate. Such courses may not be taken at level 2 for any candidate entering the programme at the beginning of level 2.
7. Credit points awarded as part of studies in programme years 1, 2, 3 and 4 of the MEng degree at the University of Aberdeen may be recognised for the purposes of the BEng degree.
- 8.1 In terms of General Regulations for First Degrees 16.1, except with the permission of the Academic Standards Committee (Undergraduate), candidates may not progress from programme year 1 to programme year 2 unless they have accumulated by award or recognition, at least 105 credit points from the courses prescribed for programme year 1.
- 8.2 In terms of General Regulations for First Degrees 16.1, except with the permission of the Senatus Academicus candidates may not proceed to the Honours programme unless they have accumulated by award or recognition, at least 240 credit points and passed all prescribed courses for programme years 1 and 2.
- 8.3 In terms of Supplementary Regulation for the Degrees in Bachelor of Engineering 8.2, candidates who have been granted permission by the Senatus Academicus to progress to Level 3 with a shortfall of credit points or compulsory courses will be required to follow the Honours programme on the Degree of Bachelor of Science in Engineering. Candidates who do not meet the requirements of Supplementary Regulation 8.4 in their first attempt should refer to General Regulation 20.3.
- 8.4 In terms of General Regulations for First Degrees 16.1(f), except with the permission of the Senatus Academicus, candidates may not progress from programme year 3 to programme year 4 unless they have accumulated by award of recognition, at least 360 credit points from courses attended and passed all courses prescribed for their particular degree programme.

(i) Candidates who have achieved the required credit points but not reached the required standard of performance required of an MEng candidate may be given the permission of the Senatus Academicus to provisionally follow the Honours course programme of the equivalent MEng. Formal transfer to the degree of MEng will be reviewed following receipt of results for the first half session.

- 8.5 Every candidate for the Degree of Bachelor of Engineering first enrolled in or after Academic year 1990-1991 must obtain a minimum of 480 credit points, including 90 at Level 4, and including passes at first attempt in *Individual Project* or *Individual Project Abroad*, and all required courses as stipulated by Annex B.
- 9 In determining the award of the degree, the examiners will take into account the candidate's performance in the first opportunity for the degree assessment for courses in programme years 3 and 4, unless General Regulation 21 (a) applies. In addition, consideration may be given to the performance in such other tests and assessment of a candidate's previous work as the examiners, with the approval of the Senatus Academicus, may from time to time require.
10. Notwithstanding the provisions of General Regulation 21, candidates who fail to complete satisfactorily an element of Honours degree assessment would not normally be awarded more than 20 credits of unnamed specific credit at level 1.
11. Certain variants of the Bachelor of Engineering programmes require students to pass specified compulsory course elements, as stipulated in Annex B. Notwithstanding the provisions of General Regulation 21, students failing these courses with a CGS E3, E2 or E1 would not be eligible for compensatory credit.

ANNEX B

Candidates who are admitted directly into Programme Year 2 will be given exemption or recognition for all or most of the courses in Programme Year 1. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing.

Candidates who are admitted directly into Programme Year 3 will be given exemption or recognition for all or most of the courses in Programme Years 1 & 2. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing.

ACCREDITATION REQUIREMENTS OF SPECIALISED DEGREE PROGRAMMES

Students registered for specialised programmes must pass the compulsory courses at Level 4 as specified below and in the programme prescription to be awarded the Degree. Failure to pass the specified courses, as per Regulation 13, will result in an inability to graduate from the specified programme.

Degree of Bachelor of Engineering in Chemical Engineering

EG 402A Process Safety
EG 40HC Process Control
EG 4578 Group Design Project (BEng)

Degree of Bachelor of Engineering in Civil and Structural Engineering

EG 40JG Advanced Structural Design
EG 4526 Advanced Structural Analysis

Degree of Bachelor of Engineering in Civil and Environmental Engineering

EG 4527 Environmental Engineering

Degree of Bachelor of Engineering in Electronic Engineering with Communications

EG 4546 Communications Engineering 2

Degree of Bachelor of Engineering in Mechanical and Electrical Engineering

EG 40FD Electrical Machines and Drives

REQUIREMENTS OF INDIVIDUAL DEGREE PROGRAMMES

In addition to the above there are further requirements for individual degree programmes which affect only the Honours Programme. These are set out in the programme prescriptions. The information in the programme prescriptions also shows for each degree programme the engineering institution(s) that accredit the particular programme. Students who are awarded a BEng honours degree after 2002-03 should note that this degree alone will not meet the educational requirements of chartered engineer status. Students may be able to complete further study in order to satisfy in full the educational requirements of chartered engineer status. The accrediting institutions listed are as follows:

ICE refers to the Institution of Civil Engineers
IChemE refers to the Institution of Chemical Engineers
IET refers to the Institution of Engineering and Technology
IHE refers to the Institute of Highway Engineers (IHE)
IMechE refers to the Institution of Mechanical Engineers
IStructE refers to the Institution of Structural Engineers
CIHT refers to the Chartered Institution of Highways & Transportation
EI refers to the Energy Institute

Supplementary Regulations for the Degree of Bachelor of Science in Engineering (BSc Eng)

1. The degree of Bachelor of Science in Engineering (BSc Eng) may be conferred by the University of Aberdeen.
2. Studies for the BSc Eng are organised in three programme years, programme year 1, 2 and 3, each occupying one session for a full-time student. Candidates with suitable qualifications may be admitted directly to programme year 2 or 3. All programme years may be undertaken by part-time study, in which case the studies of each programme year would normally be spread over two sessions.
3. The courses for the degree are those contained in the Programme Prescriptions annexed to these regulations; only passes in those courses are recognised for the purpose of these regulations and for the award of the degree. Candidates must follow the prescriptions given in the Programme Prescriptions. Passes obtained under previous versions of the Programme Prescriptions will continue to be valid.
4. All candidates must be registered for one of the following degree programmes:

Engineering (Civil)
Engineering (Electrical and Electronic)
Engineering (General)
Engineering (Mechanical)

The requirements of the individual degree programmes are set out in the Programme Prescriptions.
5. In terms of General Regulations 14, any such exemptions and credit points awarded will be limited to courses at Levels 1 and 2.
6. Credit points awarded as part of the studies in programme years 1, 2 and 3 of the degrees of MEng or BEng at the University of Aberdeen may be recognised for the purposes of the BSc Eng degree.
7. To be eligible for the award of the degree a candidate must:
 - (a) have obtained, by award or recognition, at least 360 credit points including all compulsory courses in programme year 1 and 2 and at least 60 credit points from programme year 3, as specified in the programme prescription,
 - (b) have obtained at least 120 credit points by successful completion of assessments relating to courses specified in the programme prescription while registered and attending at the University of Aberdeen,
8. In terms of General Regulation 16.1, except with the permission of the Senatus Academicus, candidates may not progress:
 - (a) from programme year 1 to programme year 2, unless they have accumulated, by award or recognition, at least 90 credit points from the courses prescribed for programme year 1
 - (b) from programme year 2 to programme year 3, unless they have accumulated, by award or recognition, at least 225 credit points from the courses prescribed for programme years 1 and 2

ANNEX C

Direct entrants to programme years 2 and 3

Candidates who are admitted directly into Level 2 will be given exemption or recognition for all or most of the courses in Programme Year 1. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing.

Candidates who are admitted directly into Level 3 will be given exemption or recognition for all or most of the courses in Programme Years 1 & 2. Candidates who have not been given exemption or recognition will be required to register for the course(s) that they are missing at those levels.

Requirements of Individual Degree Programmes (For non direct entrants to Programme Year 3)

The requirements of the individual degree programmes are set out in the appended programme prescriptions.