



College of Science & Engineering Regulations for Courses of Study and Examinations

After satisfying both programme entry and CAO Point requirements, undergraduate students in the College of Science & Engineering can attend a course of study over at least four years leading to the award of an Honours degree (NFQ Level 8), provided they have registered for one of the following degree programmes:

1. BE Civil Engineering
2. BE Biomedical Engineering
3. BE Electrical & Electronic Engineering
4. BE Electronic & Computer Engineering
5. BE Mechanical Engineering
6. BE Energy Systems Engineering
7. BSc Computer Science & Information Technology
8. BSc Project and Construction Management
9. BSc Science
10. BSc Agricultural Science
11. BSc Biomedical Science
12. BSc Biopharmaceutical Science
13. BSc Biotechnology
14. BSc Earth and Ocean Sciences
15. BSc Environmental Science
16. BSc Environmental Health and Safety
17. BSc Financial Mathematics and Economics
18. BSc Genetics and Genomics
19. BSc Marine Science
20. BSc Mathematical Science
21. BSc Physics (Applied, Astrophysics, Biomedical, Climate, Theoretical)

Students will also be admitted to the First-Year programme BE Engineering (Undenominated). On successful completion of the First-Year University Examinations in Engineering (Undenominated), students may progress to one of the following programmes:

- BE in Civil Engineering
- BE in Biomedical Engineering
- BE in Electrical & Electronic Engineering
- BE in Electronic and Computer Engineering
- BE in Mechanical Engineering
- BSc in Computer Science & Information Technology
- BE in Energy Systems Engineering
- BSc in Project and Construction Management

The School of Engineering Programme and Transfer Sub-committee will endeavour to allocate places in accordance with the first choices of the students. If demand for a particular programme exceeds the number of places available, students will receive offers for that programme in accordance with their overall performance at the First-Year University



Examination in Engineering. Additional requirements may be set out by the School of Engineering.

Programme and Module Requirements:

In each year of a degree programme, students must register for modules to a total credit value of 60 ECTS. The schedule of modules for each programme is available on the College of Science and Engineering website.

The number of students to be admitted to any module in the College will be determined by the availability of places. If necessary, entry into a module in Second Year, Third Year, or Fourth Year will be determined by the overall performance at the previous-year examination.

Students are required to engage fully in all module activities, *e.g.*, lectures, practicals, fieldwork, tutorials, assignments/homework, in-class tests, classroom response systems (where in use), and exams.

In addition to attendance at lectures, practicals and other work during university terms, students may be required to attend for fieldwork or complete a professional experience placement in a specified area relevant to their programme of study during university vacations. Arrangements in relation to fieldwork or professional experience will be coordinated by the school concerned.

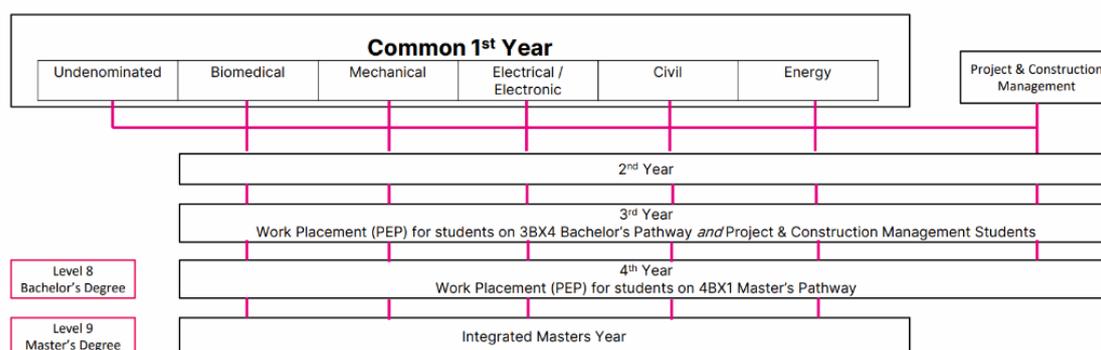
Where placements form part of the programme, they must be passed outright and cannot be passed by compensation. The timing of placements will vary depending on the course of study. On a number of programmes placements are graded Pass/Fail and these Pass/Fail results are omitted from the overall calculation for the year. Details of all non-compensatable Science and Engineering courses are listed below.

Course Instance	Module Code	Description
3BCM1	CE3108	Professional Experience Programme in Project and Construction Management
3BE4	CE3110	Professional Experience Programme in Civil Engineering
3BG1	BME3101	Biomedical Professional Experience Programme
3BM1	ME3107	Machine Design Project
3BM4	ME3109	Mechanical Engineering Professional Experience Programme
3BP1 & 3BLE1	EE3126	3rd Year Project
3BP4, 3BLE4, 4BLE1 & 4BP1	EE3127	Electrical & Electronic Discipline BE Professional Experience Programme
3BSE1	CE3118	Design of Energy Systems for the Built Environment
3BSE1 & 3BSE4	EE3125	Energy Systems Electrical Design project
3BSE4	EG3106	Energy Systems B.E. Professional Experience Programme
4BE1	CE4104	Professional Experience Programme in Civil Engineering
4BG1	BME4107	Biomedical Professional Experience Programme (BE+ME)
4BG1	BME4106	Biomedical Group Project
4BG4	BME4108	Biomedical Professional Experience Programme 4 Year BE

4BG4	BME4102	Biomedical Engineering Project
4BM1	ME4111	Mechanical Engineering Professional Experience Programme
4BM4	ME4103	Mechanical Engineering Final Year Project
4BP4	CT434	Electronic & Computer Engineering Project
4BP4, 4BLE4	EE443	BE Project
4BSE1	EG4101	Energy Systems M.E. Professional Experience Programme
4EHS1	IE453	Health & Safety Project

Progression to the Next Year:

General details on progression are contained in the University of Galway [Undergraduate Marks and Standards](#). Progression in Engineering programmes that incorporate an Integrated Masters Year is displayed in the diagram below. For Years 1 to 4 of the programme, Undergraduate Marks and Standards apply. For Year 5 of the programme, Postgraduate Marks and Standards apply. In order to progress to the Integrated Masters Year, students must attain an overall grade of at least H2.2 (Second Class Honours Grade 2) in the Level-8 Bachelors degree awarded on completion of Year 4 of the programme.



Time Limits:

A time limit of two years applies to the successful completion of examinations in each year of a programme. These are detailed in the University of Galway [Undergraduate Marks and Standards](#).

Students failing to complete examinations within the specified periods will be ineligible to proceed further towards their degree in this University. Extension of Time-Limit requests may be considered by the College only for very grave reasons.

Students may have the option to exit their degree programme with an ordinary BSc/BTech Degree (NFQ Level 7) once their Third-Year examinations have been passed as a whole.

Grading Scheme:



Overall marks are not available for Semester-1 assessments until after the First-Sitting/Summer Exam Board Meeting which usually takes place in June. Provisional grades for Semester-1 modules are however made available to students early in Semester 2 and follow the grade scheme below.

Percentage	Grade
70 - 100	A
60 - 69	B
50 - 59	C
40 - 49	D
35 - 39	E+
30 - 34	E-
0 - 29	F

These grades are **provisional** only and not official until results are released formally after the Summer Exam Board Meeting, at which time students will be issued with a transcript of results including marks for each module and an overall calculation for the year.