These programme regulations should be read in conjunction with the University's core regulations for undergraduate programmes, and the marking and classification conventions for undergraduate programmes.

BEng General Engineering (H103), BEng General Engineering with Year Abroad (H105), BEng General Engineering with Placement Year (H107)

BEng Engineering (Civil) (H214), BEng Engineering (Civil) with Year Abroad (H215), BEng Engineering (Civil) with Placement Year (H216)

BEng Engineering (Mechanical) (H314), BEng Engineering (Mechanical) with Year Abroad (H315), BEng Engineering (Mechanical) with Placement Year (H316)

BEng Engineering (Electrical) (H514), BEng Engineering (Electrical) with Year Abroad (H515), BEng Engineering (Electrical) with Placement Year (H516)

BEng Engineering (Electronic) (H714), BEng Engineering (Electronic) with Year Abroad (H715), BEng Engineering (Electronic) with Placement Year (H716)

1. This programme is available at Durham City, in a full-time mode of study.

Level 1 (Certificate)

2. Candidates shall study and be assessed in the following modules:

		Credit value
Solid Mechanics and Structures 1 #	ENGI1091	20
Thermodynamics and Fluid Mechanics 1 #	ENGI1111	20
Electronic and Electrical Systems 1 #	ENGI1161	20
Engineering Practice 1 #	ENGI1171	20
Mathematics for Engineers and Scientists #	MATH1551	20

3. Candidates shall also study and be assessed in modules to the value of 20 credits offered by any Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study).

Level 2 (Diploma)

4. Candidates shall study and be assessed in the following modules:

		Credit value
Electronics 2	ENGI2181	20
Electrical Engineering 2	ENGI2191	20
Engineering Design 2 ~	ENGI2201	20
Engineering Mathematics 2 ~	ENGI2211	20
Solid Mechanics and Structures 2	ENGI2221	20
Thermodynamics and Fluid Mechanics 2	ENGI2231	20

Year 3 (Year Abroad)

5. During the third year candidates shall study and be assessed in a university abroad under the ERASMUS programme or a similar exchange programme. Students who are considered by the subject Board of Examiners to have made satisfactory progress, judged by reference to each student's learning agreement, will continue to Level 3 of a BEng with year abroad programme. Otherwise, they will transfer to a BEng programme without year abroad.

Year 3 (Placement Year)

6. The industrial placement year offers the candidate the opportunity to gain insight into how to apply engineering knowledge in a business context and to help with employer engagement early in their recruitment pipeline. A placement year requires a minimum of forty (40) weeks of work. The

placement begins in the summer following the completion of the penultimate year of study. The placement year is marked as pass / fail only based on a poster presentation and evaluation of performance from the industrial partner organisation. The Department of Engineering and its industrial partners endeavour to provide as many placements as possible but cannot guarantee these for all candidates. Alternatively, students may seek and propose placement opportunities for approval.

Level 3 (Degree)

EITHER H214, H215, H216 Engineering (Civil) Programmes

7. Candidates shall study and be assessed in the following modules:

		Credit value
BEng Engineering Project ~	ENGI3262	40
Structures, Civil Materials and Geomatics 3	ENGI3301	20
Geotechnics 3	ENGI3311	20
Environmental Engineering 3	ENGI3341	20
Civil Design 3 ~	ENGI3401	20

OR H514, H515, H516 Engineering (Electrical) Programmes

8. Candidates shall study and be assessed in the following modules:

		Credit value
BEng Engineering Project ~	ENGI3262	40
Electrical Engineering 3	ENGI3371	20
Control and Signal Processing 3	ENGI3391	20
Electronics and Communications 3	ENGI3451	20
Power Semiconductor Devices 3	ENGI3481	20

OR H714, H715, H716 Engineering (Electronic) Programmes

9. Candidates shall study and be assessed in the following modules:

		Credit value
BEng Engineering Project ~	ENGI3262	40
Electrical Engineering 3	ENGI3371	20
Control and Signal Processing 3	ENGI3391	20
Electronics and Communications 3	ENGI3451	20
Digital Electronics and Digital Signal Processing 3	ENGI3491	20

OR H314, H315, H316 Engineering (Mechanical) Programmes

10. Candidates shall study and be assessed in the following modules:

		Credit value
BEng Engineering Project ~	ENGI3262	40
Thermodynamics and Fluid Mechanics 3	ENGI3291	20
Electrical Engineering 3	ENGI3371	20
Solid Mechanics 3	ENGI3411	20
Materials 3	ENGI3471	20

Assessment, progression and award

11. The Professional Engineering Applications Course (PEAC) is compulsory for professional body accreditation of the degree. Therefore, students who wish to progress to Level 3 of a MEng or BEng in Engineering are required to complete this course to a satisfactory standard.

12. Major individual and group-based project modules cannot be compensated. These are defined as: ENGI 3262, ENGI 2201, and ENGI 3401.

13. All components of ENGI 1171 must be passed at 40% for the award of an honours degree. Students are permitted to resit a failed component with the component mark capped at the module pass mark.

14. The following module components must be passed at 40% for the award of an honours degree. Students are permitted to resit a failed component with the component mark capped at the module pass mark:
    a. The coursework component of ENGI 2231, and;
    b. The practical course component of either ENGI 3301 or ENGI 3371.
15. Modules marked with a ~ must be passed at 40% or above for the award of an honours degree. A mark of 30-39% cannot be compensated.
16. Modules marked with a # must be passed at 40% or above in order to progress to the next Level.
17. No more than 30 credits of core engineering (ENGI) or mathematics (MATH) modules may be compensated for the award of an honours degree.
18. A student who is qualified to progress from Level 2 to Level 3 of a MEng programme under the Core Regulations and wishes to transfer to Level 3 of a MEng shall be permitted to do so.

Year Abroad

19. Students admitted to a BEng programme are able to apply to transfer to a BEng with Year Abroad programme. Students undertaking a BEng with Year Abroad programme will undertake an approved exchange in an overseas university taking a course of study chosen in consultation with the Department's exchange coordinator or their academic adviser and the host institution.
20. Candidates wishing to transfer to a BEng with Year Abroad must:
    a. have successfully completed Level 1 of a BEng programme and progressed to Level 2 of the Honours programme; and
    b. during the first term of Level 2 study, apply via the departmental exchange coordinator to the Board of Studies in the Department of Engineering to be admitted to a BEng with Year Abroad and have their application approved by the Board of Studies; and
    c. secure an exchange opportunity with an approved international partner institution of the University; and
    d. successfully complete Level 2 of a BEng programme so as to be eligible to progress to Level 3 of a BEng Honours programme.
21. The marks achieved by the student during the period of study abroad will not contribute to the marks for degree classification. Students who the Board of Examiners for Engineering deem to have made satisfactory progress on the year abroad will continue to Level 3 of a BEng with Year Abroad programme. Students who have not made satisfactory progress on the year abroad will not be permitted to continue on a BEng with Year Abroad programme, but must instead proceed to Level 3 of a BEng programme without Year Abroad.
22. Students who undertake a Year Abroad are not eligible to apply for a Placement Year programme.

Placement Year

23. Students admitted to a BEng programme are able to apply to transfer to a BEng with Placement programme. Students undertaking a BEng with Placement programme will need to seek approval of their proposed industrial placement year activities in consultation with the departmental placement coordinator.
24. Candidates wishing to transfer to a BEng with Placement must:
    a. have successfully completed Level 1 of a BEng programme and progressed to Level 2 of the Honours programme; and
    b. during the first term of Level 2 study, apply via the departmental placement coordinator to the Board of Studies in the Department of Engineering; and.
    c. secure a placement with an industrial partner of their choice; and
    d. to be admitted to a BEng with Placement, have their application and topic approved by the Board of Studies; and
    e. successfully complete Level 2 of a BEng programme so as to be eligible to progress to Level 3 of a BEng Honours programme.

25. Students who the Board of Examiners for Engineering deem to have made satisfactory progress during the placement year will continue to Level 3 of a BEng with Placement programme. Students who have not made satisfactory progress during the placement year will not be permitted to continue on a BEng with Placement programme, but must instead proceed to Level 3 of a BEng programme without Placement.

26. Students who undertake a Placement Year are not eligible to apply for a Year Abroad programme.

Professional accreditation and Additional Requirements Related to Accreditation

27. Programmes are accredited on behalf of the Engineering Council depending on the specialism chosen in Level 3 as follows:

    a. by the IET for students entering Level 1 up to and including August 2029 (Electrical (H514, H515, H516), Electronic (H714, H715, H716) and Mechanical (H314, H315, H316);

    b. by the IMechE for students entering Level 1 up to and including August 2029 (Mechanical (H314, H315, H316), Electrical (H514, H515, H516) and Electronic (H714, H715, H716) programmes);

    c. by the JBM (ICE, IStructE, IHE, CIHT) for students entering Level 1 up to and including August 2029 (Civil (H214, H215, H216) programmes).

28. The accrediting bodies may require students to pass individual assessment components within modules to evidence that they meet the learning outcomes associated with the academic requirements for registration.