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)

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
Applied Mechanics I	ENGI1091	20
Electromagnetism and Manufacture	ENGI1131	20
Thermodynamics & Fluid Mechanics I	ENGI1111	20
Electronic Measurement	ENGI1141	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
Mathematical Modelling and Computing 2	ENGI2011	20
Probability, Statistics and Further Mathematical Methods	ENGI2051	20
Mechanics and Materials	ENGI2141	20
Manufacturing and Electromechanics	ENGI2151	20
Design and Reverse Engineering	ENGI2111	20

5. Candidates shall also study and be assessed in modules to the value of 20 credits from List A:

List A:		**Credit value**
Thermofluids	ENGI2121	20
Electronics	ENGI2131	20

Level 3 (Degree)

EITHER (Civil Engineering Route)

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

		Credit value
Soil Engineering	ENGI3311	20
Structures and Geomatics	ENGI3301	20
Environmental Engineering	ENGI3341	20
BEng Civil Design	ENGI3281	20
BEng Engineering Project	ENGI3262	40

OR (Electronic Engineering Route)

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

		Credit value
Electronics	ENGI3361	20
Computer Architecture and Communications	ENGI3321	20
Control and Signal Processing	ENGI3391	20
BEng Engineering Project	ENGI3262	40

8. Candidates shall also study and be assessed in modules to the value of 20 credits from List A:

List A:		**Credit value**
BEng Manufacture and Electronic CAD	ENGI3271	20
Engineering into Schools	ENGI3441	20

OR (Mechanical Engineering Route)

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

		Credit value
Electrical Engineering	ENGI3371	20
Applied Mechanics	ENGI3411	20
BEng Thermodynamics and Fluid Mechanics	ENGI3241	20
BEng Engineering Project	ENGI3262	40

10. Candidates shall also study and be assessed in modules to the value of 20 credits from List B:

List B:		**Credit value**
BEng Mechanical Manufacture	ENGI3251	20
Engineering into Schools	ENGI3441	20

Assessment, progression and award

11. Professional Awareness in Engineering Course (PEAC). Although not part of the formal assessment of any module, attendance at this is compulsory for professional body accreditation of the degree.

12. An exemption has been given to the Core Regulations so that students who wish to progress to Level 2 of the MEng are required to achieve an average marks of 50% across all modules excluding the free choice open module studied at Level 1, with no mark for a module below 40%.

13. An exemption has been given to the Core Regulations so that students who wish to progress to Level 3 of the MEng are required to achieve an average mark of 60% across all modules at Level 2 with no mark for a module below 40%.

Professional accreditation

14. This programme is accredited on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partially meeting the academic requirement for registration as a Chartered Engineer, depending on the route chosen in Level 3:

    a. by the IET for students entering Level 1 up to and including October 2018 (Electronic Engineering and Mechanical Engineering routes);

    b. by the IMechE for students entering Level 1 up to and including October 2018 (Electronic Engineering and Mechanical Engineering routes) provided a 2.2 degree classification or above is achieved;

    c. by the JBM (ICE, IStructE, IHE, CIHT) for students entering Level 1 up to and including October 2018 (Civil Engineering route).