

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:

		<b>Credit value</b>
Applied Mechanics	<a href="#">ENGI1091</a>	20
Electromagnetism and Manufacture	<a href="#">ENGI1131</a>	20
Thermodynamics & Fluid Mechanics	<a href="#">ENGI1111</a>	20
Electronic Measurement	<a href="#">ENGI1141</a>	20
Mathematics for Engineers and Scientists	<a href="#">MATH1551</a>	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:

		<b>Credit value</b>
Electronics	<a href="#">ENGI2181</a>	20
Electrical Engineering	<a href="#">ENGI2191</a>	20
Engineering Design	<a href="#">ENGI2201</a>	20
Engineering Mathematics	<a href="#">ENGI2211</a>	20
Mechanics	<a href="#">ENGI2221</a>	20
Thermodynamics and Fluid Mechanics	<a href="#">ENGI2231</a>	20

### **Level 3 (Degree)**

#### **EITHER (Civil Engineering Route)**

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

		<b>Credit value</b>
Soil Engineering	<a href="#">ENGI3311</a>	20
Structures and Geomatics	<a href="#">ENGI3301</a>	20
Environmental Engineering	<a href="#">ENGI3341</a>	20
BEng Civil Design	<a href="#">ENGI3281</a>	20
BEng Engineering Project	<a href="#">ENGI3262</a>	40

#### **OR (Electronic Engineering Route)**

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

		<b>Credit value</b>
Electronics	<a href="#">ENGI3361</a>	20
Computer Architecture and Communications	<a href="#">ENGI3321</a>	20
Control and Signal Processing	<a href="#">ENGI3391</a>	20
BEng Engineering Project	<a href="#">ENGI3262</a>	40

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

<b>List A:</b>		<b>Credit value</b>
BEng Manufacture and Electronic CAD	<a href="#">ENGI3271</a>	20
Engineering into Schools	<a href="#">ENGI3441</a>	20

#### **OR (Mechanical Engineering Route)**

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

		<b>Credit value</b>
Electrical Engineering	<a href="#">ENGI3371</a>	20
Applied Mechanics	<a href="#">ENGI3411</a>	20
BEng Thermodynamics and Fluid Mechanics	<a href="#">ENGI3241</a>	20
BEng Engineering Project	<a href="#">ENGI3262</a>	40

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

<b>List B:</b>		<b>Credit value</b>
BEng Mechanical Manufacture	<a href="#">ENGI3251</a>	20
Engineering into Schools	<a href="#">ENGI3441</a>	20

### **Assessment, progression and award**

10. 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.
11. 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%.
12. 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**

13. 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).