

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 I	<a href="#">ENGI1091</a>	20
Electrical Engineering I	<a href="#">ENGI1101</a>	20
Thermodynamics & Fluid Mechanics I	<a href="#">ENGI1111</a>	20
Electronic Fundamentals & Manufacture	<a href="#">ENGI1121</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 from those offered by other boards of studies.

### **Level 2 (Diploma)**

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

		<b>Credit value</b>
Systems Modelling and Computing	<a href="#">ENGI2011</a>	20
Analytical Methods	<a href="#">ENGI2051</a>	20
Mechanics and Materials	<a href="#">ENGI2141</a>	20
Manufacturing and Electromechanics	<a href="#">ENGI2151</a>	20
Design and Reverse Engineering	<a href="#">ENGI2111</a>	20

5. 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>
Thermofluids	<a href="#">ENGI2121</a>	20
Electronics	<a href="#">ENGI2131</a>	20

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

#### **EITHER (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

**OR (Civil Engineering Route)**

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

		<b>Credit value</b>
Soil Engineering	<a href="#">ENGI3311</a>	20
Structures and Surveying	<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

**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 at BEng level, depending on the specialism chosen in Level 3:
  - a. Electronic Engineering Route: by the IET for students entering Level 1 up to and including October 2012;
  - b. Mechanical Engineering Route: by the IMechE for students entering Level 1 up to and including October 2013 provided a 2.2 degree classification or above is achieved;
  - c. Civil Engineering Route: by the JBM (ICE, IHIE, IHT, IStructE) for students entering Level 1 up to and including October 2013.