

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](#).

MEng New and Renewable Energy (H221)

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
Electrical Engineering I	ENGI1101	20
Thermodynamics & Fluid Mechanics I	ENGI1111	20
Electronic Fundamentals & Manufacture	ENGI1121	20
Mathematics for Engineers and Scientists	MATH1551	20

3. Candidates shall also study and be assessed in modules to the value of 20 credits from those offered by any board of studies.

Level 2 (Diploma)

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

		Credit value
Systems Modelling and Computing	ENGI2011	20
Analytical Methods	ENGI2051	20
Mechanics and Materials	ENGI2141	20
Manufacturing and Electromechanics	ENGI2151	20
Electronics and Design	ENGI2161	20
Thermofluids and Design	ENGI2171	20

Level 3 (Degree)

EITHER (Electrical Engineering Route)

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

		Credit value
Control and Signal Processing#	ENGI3391	20
Electrical Engineering#	ENGI3371	20
Electronics#	ENGI3361	20
Thermodynamics and Fluid Mechanics	ENGI3291	20
Engineering Design#	ENGI3351	20
Management and Manufacture#	ENGI3421	20

OR (Mechanical Engineering Route)

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

		Credit value
Control and Signal Processing #	ENGI3391	20
Electrical Engineering #	ENGI3371	20
Applied Mechanics #	ENGI3411	20
Thermodynamics and Fluid Mechanics #	ENGI3291	20
Engineering Design #	ENGI3351	20
Management and Manufacture #	ENGI3421	20

Level 4 (Degree)

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

		Credit value
Energy Conversion and Delivery	ENGI4271	20
Energy Markets, Low Carbon and Thermal Technologies	ENGI4281	20

8. Candidates shall also study and be assessed in modules to the value of 60 credits from List A:

List A:		Credit value
MEng Research and Development Project Ψ	ENGI4093	60
MEng Technical Project \$	ENGI4112	40
Group Design Project \$	ENGI4301	20

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

List B:		Credit value
Digital Systems	ENGI4251	20
Applied Mechanics	ENGI4211	20
Advanced Design and Manufacture	ENGI4201	20
Enterprise and Operations	ENGI4311	20

Assessment, progression and award

10. Modules marked with a # must be passed at 40% or above in order to progress to the Honours degree at the next Level.
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%. Students who fail to achieve this standard but whose marks are consistent with the requirements of the Core Regulations for progression from Level 1 to Level 2 shall be permitted to progress to Level 2 of the BEng in General Engineering in the Honours or Ordinary stream in accordance with the Core Regulations.
13. Students who fail to achieve the standard required under the Core Regulations for progression to Level 3 of an MEng but who achieve the standard required for progression to Level 3 of a Bachelors programme may progress to Level 3 of the BEng in General Engineering in the Honours or Ordinary stream in accordance with the Core Regulations.
14. A student who is qualified to progress from Level 2 to Level 3 of an MEng programme but wishes to transfer to Level 3 of the BEng in General Engineering shall be permitted to do so.
15. A student who has satisfied the requirements for progression from Level 2 to Level 3 of an MEng programme and whose language ability is satisfactory to the Board of Studies may be allowed to undertake Level 3 on an agreed student exchange scheme at an overseas university. This is subject to the availability of appropriate places at the overseas university. Students who take part in the student exchange scheme will not be able to register on the MEng General Engineering at level 4.
16. Students whose achievement at the end of Level 3 does not qualify them to proceed to Level 4 may be awarded the degree of BSc Engineering at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree.
17. Students who successfully complete the Electrical Engineering or the Mechanical Engineering routes in Level 3 may register for New and Renewable Energy (H221) at Level 4.
18. Students following the Electronic Engineering or Civil Engineering routes in Level 3 may not register for New and Renewable Energy (H221) at Level 4.

19. Modules marked with a Ψ must be selected by students who have successfully completed Level 3 in Durham and who wish to obtain an IMechE accredited degree in order to satisfy the requirements of the accreditation body.
20. Modules marked with a $\$$ must be selected by students who undertake an overseas exchange programme at Level 3 and who wish to obtain an IMechE accredited degree in order to satisfy the requirements of the accreditation body. A student whose achievement at the end of Level 4 does not qualify them to be awarded the degree of MEng may be awarded the degree of BSc Engineering at Honours level in accordance with the Core Regulations for the award of a Bachelors degree.

Professional accreditation

21. This programme is accredited:
 - a. by the IET for students entering Level 1 up to and including October 2012;
 - b. by the IMechE for students entering Level 1 up to and including October 2013 provided a 2.2 degree classification or above is achieved.