MEng GENERAL ENGINEERING (H100)

Programme offered at: Durham.

Mode of study: this programme is available full-time.

LEVEL 1 (Certificate)

1	Engineering 1A	ENGI1091	20
2	Engineering 1B	ENGI1101	20
3	Engineering 1C	ENGI1111	20
4	Engineering 1D	ENGI1121	20
5	Mathematics for Engineers and Scientists	MATH1551	20
6	One 20 credit open module chosen from:		20
	EITHER One 20 credit Level 1 open module offered by any Board of Studies		
	OR An open 20 credit language module offered by the Language Centre		

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

LEVEL 2 (Diploma)

1	Engineering 2A	ENGI2011	20
2	Engineering 2B	ENGI2051	20
3	Engineering 2C	ENGI2141	20
4	Engineering 2D	ENGI2151	20
5	Engineering 2E	ENGI2161	20
6	Engineering 2F	ENGI2171	20

Notes:
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;
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;
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 and who enter Level 4 from 2007-08 onwards will not be able to register on the MEng General Engineering.

LEVEL 3 (Degree)

	EITHER: Electronic Engineering [(i)]		
1	Electronics	ENGI3361	20
2	Software Engineering & Communications	ENGI3321	20
3	Microelectronics	ENGI3331	20
4	Control and Signal Processing	ENGI3391	20
5	Engineering Design	ENGI3351	20
6	Management & Electronic Manufacture	ENGI3431	20
	OR: Electrical Engineering [(ii)]		
1	Control and Signal Processing	ENGI3391	20
2	Electrical Engineering	ENGI3371	20
3	Electronics	ENGI3361	20
4	Thermodynamics & Fluid Mechanics	ENGI3291	20
5	Engineering Design	ENGI3351	20
6	Management & Manufacture	ENGI3421	20
	OR: Mechanical Engineering [(iii)]		
1	Control and Signal Processing	ENGI3391	20

2	Electrical Engineering	ENGI3371	20
3	Applied Mechanics	ENGI3411	20
4	Thermodynamics & Fluid Mechanics	ENGI3291	20
5	Engineering Design	ENGI3351	20
6	Management & Manufacture	ENGI3421	20
	OR: Civil Engineering [iv]		
1	Soil Engineering	ENGI3311	20
2	Structures and Surveying	ENGI3301	20
3	Environmental Engineering	ENGI3341	20
4	Applied Mechanics	ENGI3411	20
5	Civil Design	ENGI3401	20
6	Design and Management for Civil Engineering	ENGI3381	20

Notes:
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 in Engineering at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree.

(i) Students who successfully complete the Electronic Engineering stream in Level 3 may register for Electronic Engineering (H610) or Computer Engineering (H130) or Communications Engineering (H640) or Design, Manufacturing and Management (H700) or General Engineering (H100) at Level 4;

(ii) Students who successfully complete the Electrical Engineering stream in Level 3 may register for New and Renewable Energy (H221) or Design, Manufacturing and Management (H700) or General Engineering (H100) at Level 4;

(iii) Students who successfully complete the Mechanical Engineering stream in Level 3 may register for New and Renewable Energy (H221) or Design, Manufacturing and Management (H700) or Mechanical Engineering (H300) or Aeronautics (H420) or General Engineering (H100) at Level 4;

(iv) Students who successfully complete the Civil Engineering stream in Level 3 may register for Civil Engineering (H200) or General Engineering (H100) at Level 4.

LEVEL 4 (Degree)
EITHER

1-3	MEng Research and Development Project	ENGI4093	60
4-6	One 60 credit module chosen from List A		60
OR			
1-2	MEng Technical Project	ENGI4112	40
3	MEng Industrial Projects	ENGI4111	20
4-6	One 60 credit module chosen from List B		60

LIST A

Electronic Engineering 4A[i]	ENGI4013	60
Computer Engineering 4B[i]	ENGI4023	60
New and Renewable Energy 4C[i]	ENGI4033	60
Aeronautics 4E[i]	ENGI4053	60
Mechanical Engineering 4F[i] [ii]	ENGI4063	60
Civil Engineering 4G[iii]	ENGI4073	60
Communications Engineering 4H[i]	ENGI4123	60

LIST B

New and Renewable Energy 4C[i] [ii]	ENGI4033	60
Design, Manufacturing and Management 4D[i] [ii]	ENGI4043	60

Notes:
Students 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 with Honours in Engineering in accordance with the Core Regulations for the award of a Bachelors degree. This programme is accredited, depending on the specialism chosen in Level 4:

(i) by the IEE for students entering Level 1 up to and including October 2008;

(ii) by the IMechE for students entering Level 1 up to and including October 2008 provided a 2.2 degree classification or above is achieved;

(iii) by the JBM for students entering Level 1 up to and including October 2008.