

EPS COURSE REGISTRATION SELECTION GUIDE

Please use this guide to find your programme and identify the courses you need to register for:

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All January start students will join in semester two. You should therefore choose your courses options accordingly.

PART TIME students can choose their courses in either of the following ways, please contact your Programme Director if you have any queries regarding courses choices:

Semester	Dates	PT Option One	PT Option Two
Semester Two	January to March 2021	2 courses	2 courses
Semester Three	June to September 2021	No Class	No Class
Semester One	September to December 2021	3 courses	4 courses
Semester Two	January to March 2022	3 courses	2 courses
Semester Three	May to August/December 2022	Project	Project

MSc Advanced Mechanical Engineering

MSc Advanced Chemical Engineering				
Programme Code: B5A7-AME				
FULL TIME				
8 taught courses (4 mandatory+ 4 optional) plus a dissertation. In semester 2, students must select one option from courses B51GT and B51GY, Specialist Engineering Technology 2 and 3 respectively.				
Course Code	Course Title	Mandatory/Optional	Year	Semester
MANDATORY				
B51GS	Specialist Engineering Technology 1	Mandatory	1	1
B81PI	Professional and Industrial Studies	Mandatory	1	1
B51HB	Failure and Accident Analysis	Mandatory	1	2
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	2
B51MD	Masters Dissertation	Mandatory	1	3
OPTIONAL				
B50DG	Engineering Design	Optional	1	1
B51EK	Fluids 1	Optional	1	1
B51EM	Advanced Mechanics of Materials 1	Optional	1	1
B51EO	Dynamics 1	Optional	1	1
B51EQ	Thermodynamics 1	Optional	1	1
B51GE	Renewable Energy Technologies	Optional	1	1
G11FA	FLAME Appraisal	Optional	1	1
B50DH	Engineering Manufacture	Optional	1	2
B51EL	Fluids 2	Optional	1	2
B51EN	Advanced Mechanics of Materials 2	Optional	1	2
B51EP	Dynamics 2	Optional	1	2
B51ER	Thermodynamics 2	Optional	1	2
B51GT	Specialist Engineering Technology 2	Optional	1	2
B51GY	Specialist Engineering Technology 3	Optional	1	2
G11FD	FLAME Development	Optional	1	2
PART TIME				
Students should contact a member of academic staff regarding module selection				

Msc Energy

MSc Energy				
Programme Code: B5B7-ENE				
FULL TIME				
8 taught courses (3 mandatory+ 5 optional) plus a dissertation				
Course Code	Course Title	Mandatory/Optional	Year	Semester
MANDATORY				
B51ET	Foundations of Energy	Mandatory	1	AY
B51GI	Technology Futures and Business Strategy	Mandatory	1	AY
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	AY
B51ET	Foundations of Energy	Mandatory	1	1
B51GI	Technology Futures and Business Strategy	Mandatory	1	2
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	2
B51MD	Masters Dissertation	Mandatory	1	3
OPTIONAL				
B51GL	Economics Ren Energy	Optional	1	AY
H11AC	Accounting	Optional	1	AY
H11EC	Economics	Optional	1	AY
H11EN	Entrepreneurship & Creativity	Optional	1	AY
H11FI	Finance	Optional	1	AY
H11MK	Marketing	Optional	1	AY
H11OB	Organisational Behaviour	Optional	1	AY
H11SP	Strategic Planning	Optional	1	AY
B31GA	Electrical Power Systems	Optional	1	1
B41ED	Process Intensification	Optional	1	1
B51GE	Renewable Energy Technologies	Optional	1	1
51GG	Computational Fluid Dynamics with Heat Transfer	Optional	1	1
B51GL	Economics Ren Energy	Optional	1	1
C11SP	Strategic Project Management	Optional	1	1
C21PE	Principles of Environmental and Energy Economics	Optional	1	1
C21PM	Principles of Microeconomics	Optional	1	1
C21PP	Making Economic Policy	Optional	1	1
C31FN	Financial Analysis	Optional	1	1
D11CA	Climate Change, Sustainability and Adaptation	Optional	1	1
D11VE	Ventilation and Air Conditioning	Optional	1	1
G11FA	FLAME Appraisal	Optional	1	1
H11EN	Entrepreneurship & Creativity	Optional	1	1
B31GB	Distributed generation	Optional	1	2
B31GD	High Voltage	Optional	1	2
B31GG	Smart Grid Modelling	Optional	1	2
B41SP	Sustainable Processing	Optional	1	2
B51ER	Thermodynamics 2	Optional	1	2
B51GH	Environmental Impact Assessment	Optional	1	2
B51GK	Demand Management and Energy Storage	Optional	1	2
C11ME	Quality Management	Optional	1	2
C11PA	Project Management	Optional	1	2

C11SL	Systems Thinking and Analysis	Optional	1	2
C21BE	Business Economics	Optional	1	2
D11DC	Design of Low Carbon Buildings	Optional	1	2
D11SB	Energy Systems and Building	Optional	1	2
G11FD	FLAME Development	Optional	1	2
PART TIME				
Students should contact a member of academic staff regarding module selection				

Certificate of Higher Education – Engineering

Certificate of Higher Education in Engineering				
Programme Code: B7G1-ENG				
FULL TIME				
Course Code	Course Title	Mandatory/Optional	Year	Semester
MANDATORY				
B37EE	Introduction to Electrical and Electronic Engineering	Mandatory	1	3
D27CA	Civil Engineering Applications 1	Mandatory	1	3
F17XA	Mathematics for Engineers and Scientists 1	Mandatory	1	3
B57AU	Introduction to Mechanical Engineering	Mandatory	1	2
D18BT	Building Services Technology	Mandatory	1	2
F17XB	Mathematics for Engineers and Scientists 2	Mandatory	1	2
OPTIONAL				
B17CA	Principles of Chemistry	Optional	1	3
B27MW	Mechanics, Fields and Forces	Optional	1	3
B17CB	Chemical Reactivity	Optional	1	2
B27FF	Waves and Matter	Optional	1	3

MSc Renewable Energy Engineering

MSc Renewable Energy				
Programme Code: B5E7 - REE				
FULL TIME				
8 taught courses (5 mandatory+ 3 optional) plus a dissertation				
Course Code	Course Title	Mandatory/Optional	Year	Semester
MANDATORY				
B51ET	Foundations of Energy	Mandatory	1	AY
B51GL	Economics Ren Energy	Mandatory	1	AY
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	AY
B51ET	Foundations of Energy	Mandatory	1	1
B51GE	Renewable Energy Technologies	Mandatory	1	1
B51GF	Advanced Renewable Energy Technologies	Mandatory	1	2
B81EZ	Critical Analysis and Research Preparation	Mandatory	1	2
B51MD	Masters Dissertation	Mandatory	1	3
OPTIONAL				
B31GA	Electrical Power Systems	Optional	1	1
51GG	Computational Fluid Dynamics with Heat Transfer	Optional	1	1
D11CA	Climate Change, Sustainability and Adaptation	Optional	1	1
B31GB	Distributed generation	Optional	1	2
B31GD	High Voltage	Optional	1	2
B31GG	Smart Grid Modelling	Optional	1	2
B51ER	Thermodynamics 2	Optional	1	2
B51GH	Environmental Impact Assessment	Optional	1	2
B51GK	Demand Management and Energy Storage	Optional	1	2
PART TIME				
Students should contact a member of academic staff regarding module selection				