

[Back to Course List](#)

(../run/SIW_POD.RERUN?KMCX8XSLVHOHE44ZJzbsGglkAtO_f29wYabhv6GajUD8KiQB36AbjfuKqfgtxiMv88-WPG4_jRkw3WWEoSmqP-hcBCSEX7o8jdSwMChWtdjeVEIT8-Qdat0F7mdpM3Sd2RrwzVz3KDw6EPIUIV6EOsO558XldVa2McvwoUMcP-rAks-O8JxYSQUzC2ZgJk2eZROUDL63mVEFNuUqjY-jclaPFY3yflyM_B6OcMehuX-ecK8cNOIHT1cBBTq4Ja1-LHJ7pnir7CnmUZrl)

Course Profile for 2019/0

Course:	ENERGY ENGINEERING (BENG) (U1H800301)
School:	MATHEMATICS
Director:	DR ELENi KAPLANI

Year 1U

Core Modules (120 credits)

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-4002Y	ENGINEERING PRINCIPLES AND LAWS	WW	20	YEAR	Aut - F2, G2/, A1-F1*B1/D1 Spr - H2, C2, H3/
ENG-4003Y	ENGINEERING PRACTICE	CW	20	YEAR	Aut - A2/, G2/, E2 Spr - F2-A2\, C2, H2
ENG-4004Y	ENGINEERING MATHEMATICS AND MECHANICS	WW	20	YEAR	B1, F2, D3/, C2
ENG-4005Y	ENGINEERING STUDIES	CW	20	YEAR	E1/-H3\, C1 B3, G2/, D3/
ENV-4015Y	MATHEMATICS FOR SCIENTISTS A	WW	20	YEAR	A2/, G1, H2, D3\, G2\+, F3

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-4006Y	CREATIVE DIGITAL TECHNOLOGIES	CW	20	YEAR	BB

Year 2U

Core Modules (100 credits)

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-5003Y	ENGINEERING PRINCIPLES AND DESIGN	WW	20	YEAR	G2\+, F2-A2\E1-H3\,
ENG-5002B	RENEWABLE ENERGY	CW	20	SEM2	G2/*H3/*C2, C1/-B3
CMP-5027A	ANALOGUE AND DIGITAL ELECTRONICS	CW	20	SEM1	F2*D3/, A2-G1\ C2-D3\
MTHB5007B	MATHEMATICS FOR SCIENTISTS C	WW	20	SEM2	A1, B2, E2, C3
MTHB5009A	MATHEMATICS FOR SCIENTISTS B	WW	20	SEM1	UNKNOWN

Options Range A

Students will select 20 credits from the following modules:

Module	Description	Assessment	Credits	Period	Sub-slot
CMP-5020B	PROGRAMMING FOR NON-SPECIALISTS	WW	20	SEM2	B1, B2, B3
ENG-5004B	DYNAMICS AND VIBRATION	WW	20	SEM2	F2/-A2*G1*E1/-H3\, D3\, B1

Module	Description	Assessment	Credits	Period	Sub-slot
ENV-5003A	CLIMATE CHANGE: SCIENCE AND POLICY	CW	20	SEM1	B1/-D1, A2\, D3/
NBS-4010Y	INTRODUCTION TO FINANCIAL AND MANAGEMENT ACCOUNTING (2)	WW	20	YEAR	F2
NBS-4011Y	INTRODUCTION TO ORGANISATIONAL BEHAVIOUR (2)	WW	20	YEAR	D3/

Year 3U

Core Modules (100 credits)

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-6002Y	NUCLEAR AND SOLAR ENERGY	CW	20	YEAR	B1/-D1\, D3, C1, C2, E2+
ENG-6001B	ELECTRICITY GENERATION AND DISTRIBUTION	CW	20	SEM2	F2, G1-H2
ENG-6003Y	INDIVIDUAL ENERGY PROJECT	PR	40	YEAR	D3/
ENV-6009A	FOSSIL FUELS	EX	20	SEM1	H3/, C1/-B3, G2/

Options Range A

Students will select 20 credits from the following modules:

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-6006Y	STRESS ANALYSIS AND DESIGN	WW	20	YEAR	F2, A2\, D3/, E2\, A1/-F1\, B1/-D1\
ENG-6007A	CONTROL SYSTEMS	WW	20	SEM1	G2, E2, B2, C3
ENG-6011A	ENGINEERING INDUSTRIAL PROJECT 1	CW	20	SEM1	U
ENV-6004A	MODELLING ENVIRONMENTAL PROCESSES	CP	20	SEM1	E1-H3\, F1/-B1\, I3\
ENV-6008A	THE CARBON CYCLE AND CLIMATE CHANGE	WW	20	SEM1	I4\, D3\, G1/-H2
NBS-5004Y	BUSINESS AND COMPANY LAW	WW	20	YEAR	C2/
NBS-5008Y	BUSINESS FINANCE	WW	20	YEAR	B3/
NBS-5010Y	OPERATIONS STRATEGY AND MANAGEMENT	WW	20	YEAR	A1/

**Back to Course
List**

(../run/SIW_POD.RERUN?KMCX8XSLVHOHE44ZJzbsGglkAtO_f29wYabhv6GajUD8KiQB36AbjfuKqfgtxiMv88-WPG4_jRkw3WWEoSmqP-hcBCSEX7o8jdSwMChWtdjeVEIT8-QdatOF7mdpM3Sd2RrwzVz3KDw6EPIUIV6EOsO558XldVa2McvwoUMcP-rAks-O8JxYSQUzC2ZgJk2eZROUDL63mVEFNuUqjY-jclaPFY3yflyM_B6OcMehuX-ecK8cNOIHT1cBBTq4Ja1-LHJ7pnir7CnmUZrl)

© UEA. All rights reserved. University of East Anglia, Norwich Research Park, Norwich, Norfolk, NR4 7TJ, UK. Switchboard: +44 (0) 1603 456161.

[Accessibility](https://www.uea.ac.uk/about/corporate-social-responsibility/equality-and-diversity/accessibility-statement) (<https://www.uea.ac.uk/about/corporate-social-responsibility/equality-and-diversity/accessibility-statement>), | [Legal Statements](https://www.uea.ac.uk/about/legalstatements) (<https://www.uea.ac.uk/about/legalstatements>), | [Cookie Policy](https://www.uea.ac.uk/about/university-information/statutory-legal-policies/data-protection/cookie-policy) (<https://www.uea.ac.uk/about/university-information/statutory-legal-policies/data-protection/cookie-policy>) | [Data Protection](https://www.uea.ac.uk/about/legalstatements/data-protection-for-webforms) (<https://www.uea.ac.uk/about/legalstatements/data-protection-for-webforms>)

[\(Go to top\)](#) [Logout](#) ([../run/SIW_LGN_LOGOUT.start_url?BYHHRYMFZZKT972IPirMHVpocetGWfQZ1xkKmAirjRxipc3AVd3284kAq9Glgmk-aFYcJ39fkhFk6kLA2Ey2TkoMkbPhAZT-YI5AarjslxdG7i9MI-7r6h1HAViFJTqK5zJk6ODMApru81T6w9fwcQlicLFK3-6RpO_x-QSQux-MtgZNrFqQ53bqm09mosRmZgDoK7ZWhC8XI3KUHLubflRSrv3Rhu_sLtWK0mLftnrvXBaxmQ4IR6k](#)).