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Course Profile for 2020/1

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

Year 1U

Core Modules (120 credits)

Module	Description	Assessment	Credits	Period	Sub-slot
ENV-4015Y	MATHEMATICS FOR SCIENTISTS A	WW	20	YEAR	A2/, G1, H2, D3\, G2\+, F3
ENG-4007Y	ENGINEERING DESIGN AND PRACTICE	CA	40	YEAR	TBC
ENG-4008Y	ENGINEERING PRINCIPLES AND ANALYSIS	CW	60	YEAR	TBC

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, E2\, A2-G1\ C2-D3\
MTHB5007B	MATHEMATICS FOR SCIENTISTS C	WW	20	SEM2	G2+, G2+-C3, A1/
MTHB5009A	MATHEMATICS FOR SCIENTISTS B	WW	20	SEM1	TBC

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
ENV-5003A	CLIMATE CHANGE: SCIENCE AND POLICY	CW	20	SEM1	B1/-D1, A2\, D3/
NBS-4101A	INTRODUCTION TO ACCOUNTING AND FINANCE	EX	20	SEM1	-
NBS-4106A	UNDERSTANDING THE BUSINESS ENVIRONMENT	CW	20	SEM1	A2\,E2+
NBS-4929A	MANAGEMENT AND ORGANISATIONS	CW	20	SEM1	TBC

Year 3U

Core Modules (100 credits)

Module	Description	Assessment	Credits	Period	Sub-slot
ENG-6002Y	NUCLEAR AND SOLAR ENERGY	CW	20	YEAR	C1, E2\+
ENG-6001B	ELECTRICITY GENERATION AND DISTRIBUTION	CW	20	SEM2	F2, G1-H2
ENV-6009A	FOSSIL FUELS	EX	20	SEM1	H3/, C1/-B3, G2/
ENG-6008Y	ENGINEERING MAJOR PROJECT	CP	40	YEAR	TBC

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	F2, A2, G1, H2
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-5904A	BUSINESS AND COMPANY LAW	WW	20	SEM1	TBC

Module	Description	Assessment	Credits	Period	Sub-slot
NBS-5908A	BUSINESS FINANCE		20	SEM1	TBC
NBS-5910B	OPERATIONS STRATEGY AND MANAGEMENT	CW	20	SEM2	TBC

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