

SCHOOL OF ENGINEERING

School Website: www.eda.kent.ac.uk

Please refer to the online Module Catalogue for full details of all modules: www.kent.ac.uk/courses/modules

Note: It is ultimately your responsibility to ensure that you are registered for the correct modules for your programme.

Please select a link below to view the Stage 2+ requirements for your programme:

- [Biomedical Engineering: BENG](#)
- [Biomedical Engineering Including a Foundation Year: BENG](#)
- [Biomedical Engineering with a Year in Industry: BENG](#)
- [Computer Systems Engineering: BENG](#)
- [Computer Systems Engineering: MENG](#)
- [Computer Systems Engineering Including A Foundation Year: BENG](#)
- [Computer Systems Engineering with a Year in Industry: BENG](#)
- [Computer Systems Engineering with a Year in Industry: MENG](#)
- [Digital Arts: BA](#)
- [Digital Arts: MART](#)
- [Digital Arts with a Year in Industry: BA](#)
- [Digital Arts with a Year in Industry: MART](#)
- [Digital Design: BSc](#)
- [Digital Design with a Year in Industry: BSc](#)
- [Digital Design with a Year Abroad: BSc](#)
- [Electronic & Computer Systems \(Top-Up degree\)](#)
- [Electronic and Computer Engineering: BENG](#)
- [Electronic and Computer Engineering: MENG](#)
- [Electronic and Computer Engineering with a Year in Industry: BENG](#)
- [Electronic and Computer Engineering with a Year in Industry: MENG](#)
- [Multimedia Technology and Design: BSc](#)
- [Multimedia Technology and Design with a Year in Industry: BSc](#)
- [Mechanical Engineering: BENG](#)
- [Mechanical Engineering including a Foundation Year: BENG](#)
- [Mechanical Engineering with a Year in Industry: BENG](#)

*The information contained herein is correct at the time of publication. Please note, however, that if a module recruits fewer than 8 students it is possible that it will not run. In this event, you will be contacted and asked to select an alternative module. **The University cannot guarantee whether all options will be available, or how they will be delivered, if Government Covid restrictions continue.***

BIOMEDICAL ENGINEERING (VERSION 2)

UBME0001X2BE-F

BIOMEDENG:BENG#2

BIOMEDICAL ENGINEERING INCLUDING A FOUNDATION YEAR (VERSION 2)

BIOMEDENG-F-4:BENG#2

UBME0001F1BE-F

BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY (VERSION 2)

BIOMEDENG-S:BENG#2

UBME0001P2BE-F

Single Honours

STAGE 2 - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BIOS5130	Human Physiology and Disease II	15	Autumn	5	<i>BI513</i>
EENG5150	Physiological Measurement	15	Autumn & Spring	5	<i>EL515</i>
EENG5160	Biomechanics	15	Spring	5	<i>EL516</i>
EENG5170	Control and Mechatronics	15	Autumn & Spring	5	<i>EL517</i>
EENG5190	Introduction to Fluid Dynamics	15	Spring	5	<i>EL519</i>
EENG5610+	Image Analysis & Applications	15	Spring	5	<i>EL561</i>
EENG5620	Engineering Group Project	15	Autumn & Spring	5	<i>EL562</i>
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5	<i>EL577</i>

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

Students on a Year in Industry will also take the following non-contributory compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
WMATH009	Year in Industry Stage 2 Group A	0	Autumn & Spring	5	<i>WMATH009</i>

BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY (VERSION 1) UBME0001P1BE-F
BIOMEDENG-S:BENG#1

Single Honours

STAGE 2 - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BIOS3070	Human Physiology and Disease	15	Spring	4	<i>BI307</i>
BIOS5320	Skills For Bioscientists 2	15	Autumn & Spring	5	<i>BI532</i>
EENG3130	Introduction to Programming	15	Autumn	4	<i>EL313</i>
EENG5150	Physiological Measurement	15	Autumn & Spring	5	<i>EL515</i>
EENG5160	Biomechanics	15	Spring	5	<i>EL516</i>
EENG5170	Control and Mechatronics	15	Autumn & Spring	5	<i>EL517</i>
EENG5610 +	Image Analysis & Applications	15	Spring	5	<i>EL561</i>
EENG5620	Engineering Group Project	15	Autumn & Spring	5	<i>EL562</i>

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

Students on a Year in Industry will also take the following non-contributory compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
WMATH009	Year in Industry Stage 2 Group A	0	Autumn & Spring	5	<i>WMATH009</i>

BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY (VERSION 2) UBME0001P2BE-F
BIOMEDENG-S:BENG#2

Single Honours

STAGE S - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910 *	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	<i>EL791</i>
EENG7920 *	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	<i>EL792</i>

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

BIOMEDICAL ENGINEERING (VERSION 2)

BIOMEDENG:BENG#2

UBME0001X2BE-F**BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY (VERSION 2)**

BIOMEDENG-S:BENG#2

UBME0001P2BE-F

Single Honours

STAGE 3 - 120 credits – up to 75 credits per term**You must take the following compulsory modules (105 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BIOS5130	Human Physiology and Disease II	15	Autumn	5	<i>BI513</i>
EENG6000*	Project	45	Autumn & Spring	6	<i>EL600</i>
EENG6141	Biomaterials	15	Autumn & Spring	6	<i>EL614</i>
EENG6710	Product Development	15	Autumn & Spring	6	<i>EL671</i>
EENG6760+	Digital Signal Processing and Control	15	Autumn & Spring	6	<i>EL676</i>

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BIOS6380	Bioinformatics and Genomics	15	Autumn	6	<i>BI638</i>
BIOS6420	Cancer Biology	15	Autumn	6	<i>BI642</i>
PHYS5130	Medical Physics	15	Spring	5	<i>PS513</i>

COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY

CSENG-S:BENG

UCSE0001P1BE-F**COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY**

CSENG-S:MENG

UCSE0001P1ME-F

Single Honours

STAGE S - 120 credits**You must take the following compulsory modules (120 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910*	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	<i>EL791</i>
EENG7920*	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	<i>EL792</i>

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

COMPUTER SYSTEMS ENGINEERING (VERSION 1&2)

CSENG:BENG1/ CSENG:BENG2

UCSE0001X1BE-F/ UCSE0001X2BE-F

COMPUTER SYSTEMS ENGINEERING

UCSE0001X1ME-F

CSENG:MENG

COMPUTER SYSTEMS ENGINEERING INCLUDING A FOUNDATION YEAR UCSE0001F1BE-F

CSENG-F-4:BENG

COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY

CSENG-S:BENG1/ CSENG-S:BENG2

UCSE0001P1BE-F/ UCSE0001P2BE-F

COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY

CSENG-S:MENG

UCSE0001P1ME-F

Single Honours

STAGE 3 - 120 credits

You must take the following compulsory modules (105 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG6000*	Project	45	Autumn & Spring	6	EL600
EENG6670+	Embedded Computer Systems	15	Autumn & Spring	6	EL667
EENG6710	Product Development	15	Autumn & Spring	6	EL671
EENG6730+	Digital Systems Design	15	Autumn & Spring	6	EL673
EENG6760+	Digital Signal Processing and Control	15	Autumn & Spring	6	EL676

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
COMP5580	Introduction to Cyber Security	15	Spring	5	CO558
COMP6330	Computer Networks and Communications	15	Spring	6	CO633

COMPUTER SYSTEMS ENGINEERING

CSENG:MENG

COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY

CSENG-S:MENG

UCSE0001X1ME-F

(Not running in 22-23)

UCSE0001P1ME-F

(Not running in 22-23)

Single Honours

STAGE 4 - 120 credits

You must take the following compulsory modules (105 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BUSN9340	Global Strategy	15	Spring	7	CB934
EENG7500	Systems Group Project	60	Autumn & Spring	7	EL750
EENG8290†	Embedded Real-Time Operating Systems	15	Spring	7	EL829
EENG8960†	Computer and Microcontroller Architectures	15	Autumn	7	EL896

† In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 40% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 40%.

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG8270	Advanced Digital Communications	15	Autumn	7	EL827
EENG8750	Advanced Sensors & Instrumentation Systems†	15	Spring	7	EL875

† In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 40% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 40%.

DIGITAL ARTS WITH A YEAR IN INDUSTRY

DIGARTS-S:BA

UDIA0001P1BA-F

DIGITAL ARTS WITH A YEAR IN INDUSTRY

DIGARTS-S:MART

UDIA0001P1MA-F

Single Honours

STAGE S - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910*	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	EL791
EENG7920*	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	EL792

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

DIGITAL ARTS

DIGARTS:BA

UDIA0001X1BA-F

DIGITAL ARTS

DIGARTS:MART

UDIA0001X1MA-F

DIGITAL ARTS WITH A YEAR IN INDUSTRY

DIGARTS-S:BA

UDIA0001P1BA-F

DIGITAL ARTS WITH A YEAR IN INDUSTRY

DIGARTS-S:MART

UDIA0001P1MA-F

Single Honours

STAGE 3 - 120 credits

You must take the following compulsory modules (90 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
DIGM6360*	Final Year Project	60	Autumn & Spring	6	<i>EL636</i>
DIGM6410	Digital Visual Effects and Post Production	30	Autumn	6	<i>EL641</i>

*Failure to attain the learning outcomes in this module may not be compensated or condoned. Only one lecture occurs in autumn so all 60 credits should be assumed as being Spring. This allows for the 30 credit gap for optional module(s) to be made up in autumn.

PLUS 30 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BUSN3700	Introduction to Marketing	15	Autumn	4	<i>CB370</i>
BUSN6120	New Enterprise Development	15	Autumn	5	<i>CB612</i>
DIGM6450	Video Games Development	30	Autumn	6	<i>EL645</i>
DIGM6820	Introduction to Virtual Reality	30	Autumn	6	<i>EL682</i>
ENGL7310	Interactive and Immersive Fictions	30	Autumn	5	<i>EN731</i>

DIGITAL ARTS
DIGARTS:MART
DIGITAL ARTS WITH A YEAR IN INDUSTRY
DIGARTS-S:MART

UDIA0001X1MA-F

UDIA0001P1MA-F

Single Honours

STAGE 4 - 120 credits

You must take the following compulsory modules (60 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7600*	Integrated Masters Project	15	Spring & Summer	7	<i>EL760</i>
DIGM8310*	Digital Visual Art set-up	15	Autumn	7	<i>EL831</i>
DIGM8370*	Professional Group Work	15	Spring	7	<i>EL837</i>
DIGM8630	Advanced 3D Modelling	15	Autumn	7	<i>EL863</i>

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

PLUS 60 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
DIGM8320	Animation Principles	15	Autumn	7	<i>EL832</i>
DIGM8390	Effects Animation	15	Autumn	7	<i>EL839</i>
DIGM8650	Action in Animation	15	Spring	7	<i>EL865</i>
DIGM8660	Acting in Animation	15	Spring	7	<i>EL866</i>
DIGM8670	Technical Direction	15	Spring	7	<i>EL867</i>
DIGM8680	Digital Compositing	15	Autumn & Spring	7	<i>EL868</i>

DIGITAL DESIGN

DIGTLDESIGN:BSC

UDID0001X1BS-F

DIGITAL DESIGN WITH A YEAR IN INDUSTRY

DIGTLDESIGN-S:BSC

UDID0001P1BS-F

DIGITAL DESIGN WITH A YEAR ABROAD

DIGTLDESIGN-A:BSC

UDID0001A1BS-F

Single Honours

STAGE 2 - 120 credits**You must take the following compulsory modules (120 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
DIGM5090	Virtual Reality	15	Spring	5	EL509
DIGM5100	Online Design	15	Autumn	5	EL510
DIGM5110	Interactive Environments	15	Autumn	5	EL511
DIGM5320	3D Production	30	Autumn & Spring	5	EL532
DIGM5760	Second Year Project	30	Spring & Summer	5	EL576
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5	EL577

Students on a Year in Industry will also take the following non-contributory compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
WMATH009	Year in Industry Stage 2 Group A	0	Autumn & Spring	5	WMATH009

ELECTRONIC & COMPUTER SYSTEMS (TOP-UP DEGREE)

ELECOMPSYST:BENG

UECS0001X1BE-F

Single Honours

This top-up degree is not accredited by the Institute of Engineering and Technology (IET).

STAGE 3 - 120 credits**You must take the following compulsory modules (120 credits):**

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG6000*	Project	45	Autumn & Spring	6	EL600
EENG6650	Communication Systems	15	Autumn & Spring	6	EL665
EENG6670	Embedded Computer Systems	15	Autumn & Spring	6	EL667
EENG6710	Product Development	15	Autumn & Spring	6	EL671
EENG6760	Digital Signal Processing and Control	15	Autumn & Spring	6	EL676
EENG6770	Digital Communication Systems	15	Autumn & Spring	6	EL677

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

ELECTRONIC AND COMPUTER ENGINEERING ELECCOMPENG:BENG	UEEX0001X1BE-F
ELECTRONIC AND COMPUTER ENGINEERING ELECCOMPENG:MENG	UEEX0001X1ME-F
ELECTRONIC AND COMPUTER ENGINEERING WITH A YEAR IN INDUSTRY ELECCOMPENG-S:BENG	UEEX0001P1BE-F
ELECTRONIC AND COMPUTER ENGINEERING WITH A YEAR IN INDUSTRY ELECCOMPENG-S:MENG	UEEX0001P1ME-F

STAGE 2 - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG5170+	Control and Mechatronics	15	Autumn & Spring	5	EL517
EENG5600+	Microcomputer Engineering	15	Autumn & Spring	5	EL560
EENG5620	Engineering Group Project	15	Autumn & Spring	5	EL562
EENG5650+	Instrumentation and Measurement Systems	15	Autumn	5	EL565
EENG5680+	Digital Implementation	15	Autumn & Spring	5	EL568
EENG5700+	Communications Principles	15	Spring	5	EL570
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5	EL577
EENG5780	Systems Programming	15	Autumn & Spring	5	EL578

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

Students on a Year in Industry will also take the following non-contributory compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
WMATH009	Year in Industry Stage 2 Group A	0	Autumn & Spring	5	WMATH009

ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY ELCOMENG-S:BENG	UELC0001P1BE-F
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY ELCOMENG-S:MENG	UELC0001P1ME-F

Single Honours

STAGE S - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910*	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	EL791
EENG7920*	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	EL792

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

ELECTRONIC AND COMMUNICATIONS ENGINEERING ELCOMENG:BENG	UEL0001X1BE-F
ELECTRONIC AND COMMUNICATIONS ENGINEERING ELCOMENG:MENG	UEL0001X1ME-F
ELECTRONIC AND COMMUNICATIONS ENGINEERING INCLUDING A FOUNDATION YEAR ELCOMENG-F-4:BENG	UEL0001F1BE-F
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY ELCOMENG-S:BENG	UEL0001P2BE-F
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY ELCOMENG-S:MENG	UEL0001P1ME-F
Single Honours	

STAGE 3 - 120 credits

You must take the following compulsory modules (90 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG6000*	Project	45	Autumn & Spring	6	EL600
EENG6650	Communication Systems	15	Autumn & Spring	6	EL665
EENG6710	Product Development	15	Autumn & Spring	6	EL671
EENG6770	Digital Communication Systems	15	Autumn & Spring	6	EL677

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

PLUS 30 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG6670+	Embedded Computer Systems	15	Autumn & Spring	6	EL667
EENG6730+	Digital Systems Design	15	Autumn & Spring	6	EL673
EENG6760+	Digital Signal Processing and Control	15	Autumn & Spring	6	EL676

+ In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 30% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 30%.

ELECTRONIC AND COMMUNICATIONS ENGINEERING ELCOMENG:MENG	UEL0001X1ME-F (Not running in 22-23)
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY ELCOMENG-S:MENG	UEL0001P1ME-F (Not running in 22-23)
Single Honours	

STAGE 4 - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BUSN9340	Global Strategy	15	Spring	7	CB934
EENG7500	Systems Group Project	60	Autumn & Spring	7	EL750
EENG8270	Advanced Digital Communications	15	Autumn	7	EL827
EENG8720	5G Mobile Communications	15	Spring	7	EL872
EENG8960†	Computer and Microcontroller Architectures	15	Autumn	7	EL896

† In order to obtain credit for this module on IET accredited programmes, the coursework mark and the exam mark must each be greater than or equal to 40% as well as achieving the pass mark for the module. This module will only be considered for compensation if the coursework mark and exam mark are each greater than 40%.

MULTIMEDIA TECHNOLOGY AND DESIGN WITH A YEAR IN INDUSTRY UMTD0001P1BS-F
MULTI/TECH-S:BSC

Single Honours

STAGE S - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910*	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	EL791
EENG7920*	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	EL792

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

MULTIMEDIA TECHNOLOGY AND DESIGN UMTD0001X1BS-F
MULTI/TECH:BSC

MULTIMEDIA TECHNOLOGY AND DESIGN WITH A YEAR IN INDUSTRY UMTD0001P1BS-F
MULTI/TECH-S:BSC

Single Honours

STAGE 3 - 120 credits

You must take the following compulsory modules (90 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
DIGM6360*	Final Year Project	60	Autumn & Spring	6	EL636
DIGM6450	Video Games Development	30	Autumn	6	EL645

*Failure to attain the learning outcomes in this module may not be compensated or condoned. Only one lecture occurs in autumn so all 60 credits should be assumed as being Spring. This allows for the 30 credit gap for optional module(s) to be made up in autumn.

PLUS 30 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
BUSN3700	Introduction to Marketing	15	Autumn	4	CB370
BUSN6120	New Enterprise Development	15	Autumn	5	CB612
DIGM6820	Introduction to Virtual Reality	30	Autumn	6	EL682
ENGL7310	Interactive and Immersive Fictions	30	Autumn	5	EN731

MECHANICAL ENGINEERING

MECHENG:BENG

UMEC0001X1BE-F

MECHANICAL ENGINEERING INCLUDING A FOUNDATION YEAR

MECHENG-F-4:BENG

UMEC0001F1BE-F

MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY

MECHENG-S:BENG

UMEC0001P1BE-F

Single Honours

STAGE 2 - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG5170	Control and Mechatronics	15	Autumn & Spring	5	EL517
EENG5180	Dynamics of Machines	15	Autumn	5	EL518
EENG5190	Introduction to Fluid Dynamics	15	Spring	5	EL519
EENG5200	Failure of Materials and Structures	15	Spring	5	EL520
EENG5220	Design and Manufacturing Technology	15	Spring	5	EL522
EENG5620	Engineering Group Project	15	Autumn & Spring	5	EL562
EENG5650	Instrumentation and Measurement Systems	15	Autumn	5	EL565
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5	EL577

Students on a Year in Industry will also take the following non-contributory compulsory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
WMATH009	Year in Industry Stage 2 Group A	0	Autumn & Spring	5	WMATH009

MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY

MECHENG-S:BENG

UMEC0001P1BE-F

Single Honours

STAGE S - 120 credits

You must take the following compulsory modules (120 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG7910*	Year in Industry (Industrial Assessment)	90	Autumn & Spring	5	EL791
EENG7920*	Year in Industry (Academic Assessment)	30	Autumn & Spring	5	EL792

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

MECHANICAL ENGINEERING

UMEC0001X1BE-F

MECHENG:BENG

MECHANICAL ENGINEERING INCLUDING A FOUNDATION YEAR

UMEC0001F1BE-F

MECHENG-F-4:BENG

MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY

UMEC0001P1BE-F

MECHENG-S:BENG

Single Honours

STAGE 3 - 120 credits

You must take the following compulsory modules (105 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG6000*	Project	45	Autumn & Spring	6	EL600
EENG6460	Robotics and Artificial Intelligence	15	Autumn	6	EL646
EENG6470	Finite Element Analysis	15	Autumn	6	EL647
EENG6480	Thermodynamics and Heat Transfer	15	Spring	6	EL648
EENG6830	Reliability, Availability, Maintainability and Safety (RAMS)	15	Autumn & Spring	6	EL683

*Failure to attain the learning outcomes in this module may not be compensated or condoned.

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL	OFFICE USE ONLY
EENG5610	Image Analysis & Applications	15	Spring	5	EL561
EENG6141	Biomaterials	15	Autumn & Spring	6	EL614