DIVISION OF COMPUTING, ENGINEERING AND MATHEMATICAL SCIENCES

SCHOOL OF ENGINEERING

School Website: www.kent.ac.uk/engineering

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 with a Year in Industry: BA
- 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.

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) **UBME0001P2BE-F**
BIOMEDENG-S:BENG#2

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
BIOS5130	Human Physiology and Disease II	15	Autumn	5
EENG5150	Physiological Measurement	15	Autumn & Spring	5
EENG5160	Biomechanics	15	Autumn & Spring	5
EENG5170	Control and Mechatronics	15	Autumn & Spring	5
EENG5190	Introduction to Fluid Dynamics	15	Spring	5
EENG5610 +	Image Analysis & Applications	15	Spring	5
EENG5620	Engineering Group Project	15	Autumn & Spring	5
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5

+ 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. This can also be taken by students who are not on the Year in Industry version as an optional, non-contributory module:

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WMATH009	Engineering Industrial Practice Stage 2	0	Autumn & Spring	5

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

STAGE S – 120 credits

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

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
EENG7910*	Year in Industry (Industrial Assessment)	90	Year-long	5
EENG7920*	Year in Industry (Academic Assessment)	30	Year-long	5

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

BIOMEDICAL ENGINEERING (VERSION 2) **UBME0001X2BE-F**
BIOMEDENG:BENG#2
BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY (VERSION 2) **UBME0001P2BE-F**
BIOMEDENG-S:BENG#2

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
EENG6000*	Project	45	Autumn & Spring	6
EENG6141	Biomaterials	15	Autumn & Spring	6
EENG6460	Robotics and Artificial Intelligence	15	Autumn	6
EENG6760 +	Digital Signal Processing and Control	15	Autumn & Spring	6
EENG6830	Reliability, Availability, Maintainability and Safety (RAMS)	15	Autumn & Spring	6

*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
DIGM5090	Virtual Reality	15	Spring	5
EENG5220	Design & Manufacturing Technology	15	Spring	5
EENG6770	Electronics for Communications	15	Autumn & Spring	6
PHYS6330	Medical Physics	15	Spring	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

BIOMEDICAL ENGINEERING **UBME0001X1BE-F**
BIOMEDENG:BENG1
BIOMEDICAL ENGINEERING WITH A YEAR IN INDUSTRY **UBME0001P1BE-F**
BIOMEDENG-S:BENG1

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
BIOS5130	Human Physiology and Disease II	15	Autumn	5
EENG6000*	Project	45	Autumn & Spring	6
EENG6141	Biomaterials	15	Autumn & Spring	6
EENG6710	Product Development	15	Autumn & Spring	6
EENG6760 +	Digital Signal Processing and Control	15	Autumn & Spring	6

*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
BIOS6380	Bioinformatics and Genomics	15	Autumn	6
BIOS6420	Cancer Biology	15	Autumn	6
PHYS6330	Medical Physics	15	Spring	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

COMPUTER SYSTEMS ENGINEERING (VERSION 1&2) **UCSE0001X1BE-F/ UCSE0001X2BE-F**
CSENG:BENG1/ CSENG:BENG2
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 **UCSE0001P1ME-F**
CSENG-S:MENG

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
EENG6000*	Project	45	Autumn & Spring	6
EENG6670 +	Embedded Computer Systems	15	Autumn & Spring	6
EENG6710	Product Development	15	Autumn & Spring	6
EENG6730 +	Digital Systems Design	15	Autumn & Spring	6
EENG6760 +	Digital Signal Processing and Control	15	Autumn & Spring	6

*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
COMP5580	Introduction to Cyber Security	15	Spring	5
COMP6330	Computer Networks and Communications	15	Spring	6

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

COMPUTER SYSTEMS ENGINEERING **UCSE0001X1ME-F**
CSENG:MENG
COMPUTER SYSTEMS ENGINEERING WITH A YEAR IN INDUSTRY **UCSE0001P1ME-F**
CSENG-S:MENG

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
BUSN9340	Global Strategy	15	Spring	7
EENG7500	Systems Group Project	60	Autumn & Spring	7
EENG8290 †	Embedded Real-Time Operating Systems	15	Spring	7
EENG8960 †	Computer and Microcontroller Architectures	15	Autumn	7

† 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
EENG8270	Advanced Digital Communications	15	Autumn	7
EENG8750 †	Advanced Sensors & Instrumentation Systems	15	Spring	7

† 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 **UDIA0001X1BA-F**
DIGARTS:BA
DIGITAL ARTS WITH A YEAR IN INDUSTRY **UDIA0001P1BA-F**
DIGARTS-S:BA

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
DIGM6360*	Final Year Project	60	Autumn & Spring	6
DIGM6410	Digital Visual Effects and Post Production	30	Autumn	6

*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
BUSN3700	Introduction to Marketing	15	Autumn	4
BUSN6120	New Enterprise Development	15	Autumn	5
DIGM6450	Video Games Development	30	Autumn	6
HIST5104	Press Start to Play: America as a Gamer's Nation Not running in 2023/24	30	Autumn	5
MSTU5001	Social Media and Participatory Culture	30	Autumn	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

DIGITAL DESIGN **UDID0001X1BS-F**
DIGTLDESIGN:BSC
DIGITAL DESIGN WITH A YEAR IN INDUSTRY **UDID0001P1BS-F**
DIGTLDESIGN-S:BSC
DIGITAL DESIGN WITH A YEAR ABROAD **UDID0001A1BS-F**
DIGTLDESIGN-A:BSC

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
DIGM5090	Virtual Reality	15	Spring	5
DIGM5100	Online Design	15	Autumn	5
DIGM5110	Interactive Environments	15	Autumn	5
DIGM5320	3D Production	30	Autumn & Spring	5
DIGM5760	Second Year Project	30	Spring	5
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5

Students on a Year in Industry will also take the following non-contributory compulsory module. This can also be taken by students who are not on the Year in Industry version as an optional, non-contributory module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WMATH009	Engineering Industrial Practice Stage 2	0	Autumn & Spring	5

DIGITAL DESIGN WITH A YEAR IN INDUSTRY UDID0001P1BS-F
DIGTLDESIGN-S:BSC

STAGE S – 120 credits

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

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
EENG7910*	Year in Industry (Industrial Assessment)	90	Year-long	5
EENG7920*	Year in Industry (Academic Assessment)	30	Year-long	5

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

DIGITAL DESIGN WITH A YEAR ABROAD UDID0001A1BS-F
DIGTLDESIGN-A:BSC

STAGE A – 120 credits

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

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
DIGM7930*	Year Abroad	120	Year-long	5

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

DIGITAL DESIGN **UDID0001X1BS-F**
DIGTLDESIGN:BSC
DIGITAL DESIGN WITH A YEAR IN INDUSTRY **UDID0001P1BS-F**
DIGTLDESIGN-S:BSC
DIGITAL DESIGN WITH A YEAR ABROAD **UDID0001A1BS-F**
DIGTLDESIGN-A: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
DIGM6110*	Final Year Project	45	Autumn & Spring	6
DIGM6100	3D Simulation	15	Autumn	6
DIGM6090	Mixed Realities	15	Autumn	6
DIGM6430	Design Futures and Emerging Technology	15	Spring	6

*Failure to attain the learning outcomes in this module may not be compensated or condoned. Only one lecture occurs in autumn so all 45 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
BUSN3700	Introduction to Marketing	15	Autumn	4
BUSN6120	New Enterprise Development	15	Autumn	5
COMP6100	Video Games Development	15	Autumn	6
HIST5104	Press Start to Play: America as a Gamer's Nation Not running in 2023/24	30	Autumn	5
MSTU5001	Social Media and Participatory Culture	30	Autumn	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

ELECTRONIC & COMPUTER SYSTEMS (TOP-UP DEGREE) **UECS0001X1BE-F**
ELECOMPSYST:BENG

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 (75 credits):

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
EENG6000*	Project	45	Autumn & Spring	6
EENG6670	Embedded Computer Systems	15	Autumn & Spring	6
EENG6770	Electronics for Communications	15	Autumn & Spring	6

*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
EENG6460	Robotics and AI	15	Autumn	6
EENG6730	Digital System Design	15	Autumn & Spring	6
EENG6760	Digital Signal Processing and Control	15	Autumn & Spring	6
EENG5610	Image Analysis and Applications	15	Spring	5

PLUS 15 credits from the following optional modules:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
EENG6830	Reliability, Availability, Maintainability & Safety (RAMS)	15	Autumn & Spring	6
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5

ELECTRONIC AND COMPUTER ENGINEERING **UEEX0001X1BE-F**
ELECCOMPENG:BENG
ELECTRONIC AND COMPUTER ENGINEERING **UEEX0001X1ME-F**
ELECCOMPENG:MENG
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**

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
EENG5170 +	Control and Mechatronics	15	Autumn & Spring	5
EENG5600 +	Microcomputer Engineering	15	Autumn & Spring	5
EENG5620	Engineering Group Project	15	Autumn & Spring	5
EENG5650 +	Instrumentation and Measurement Systems	15	Autumn	5
EENG5680 +	Digital Implementation	15	Autumn & Spring	5
EENG5700 +	Communications Principles	15	Spring	5
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5
EENG5780	Systems Programming	15	Autumn & Spring	5

+ 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. This can also be taken by students who are not on the Year in Industry version as an optional, non-contributory module:

Compulsory modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WMATH009	Engineering Industrial Practice Stage 2	0	Autumn & Spring	5

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 S – 120 credits

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

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

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

ELECTRONIC AND COMPUTER ENGINEERING **UEEX0001X1BE-F**
ELECCOMPENG:BENG
ELECTRONIC AND COMPUTER ENGINEERING **UEEX0001X1ME-F**
ELECCOMPENG:MENG
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**

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
EENG6000*	Project	45	Autumn & Spring	6
EENG6670	Embedded Computer Systems	15	Autumn & Spring	6
EENG6830	Reliability, Availability, Maintainability & Safety (RAMS)	15	Autumn & Spring	6
EENG6730	Digital Systems Design	15	Autumn & Spring	6
EENG6760	Digital Signal Processing and Control	15	Autumn & Spring	6

*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
EENG6460	Robotics and AI	15	Autumn	6
EENG6770	Electronics for Communications	15	Autumn & Spring	6
EENG5610	Image Analysis and Applications	15	Spring	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

ELECTRONIC AND COMMUNICATIONS ENGINEERING **UELC0001X1BE-F**
ELCOMENG:BENG
ELECTRONIC AND COMMUNICATIONS ENGINEERING **UELC0001X1ME-F**
ELCOMENG:MENG
ELECTRONIC AND COMMUNICATIONS ENGINEERING INCLUDING A FOUNDATION YEAR
ELCOMENG-F-4:BENG **UELC0001F1BE-F**
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY
ELCOMENG-S:BENG **UELC0001P2BE-F**
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY
ELCOMENG-S:MENG **UELC0001P1ME-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
EENG6000*	Project	45	Autumn & Spring	6
EENG6650	Communication Systems	15	Autumn & Spring	6
EENG6710	Product Development	15	Autumn & Spring	6
EENG6770	Electronics for Communications	15	Autumn & Spring	6

*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
EENG6670 +	Embedded Computer Systems	15	Autumn & Spring	6
EENG6730 +	Digital Systems Design	15	Autumn & Spring	6
EENG6760 +	Digital Signal Processing and Control	15	Autumn & Spring	6

+ 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%.

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

ELECTRONIC AND COMMUNICATIONS ENGINEERING **UELC0001X1ME-F**
ELCOMENG:MENG
ELECTRONIC AND COMMUNICATIONS ENGINEERING WITH A YEAR IN INDUSTRY
ELCOMENG-S:MENG **UELC0001P1ME-F**

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
BUSN9340	Global Strategy	15	Spring	7
EENG7500	Systems Group Project	60	Autumn & Spring	7
EENG8270	Advanced Digital Communications	15	Autumn	7
EENG8720	5G Mobile Communications	15	Spring	7
EENG8960 †	Computer and Microcontroller Architectures	15	Autumn	7

† 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 **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
DIGM6360*	Final Year Project	60	Combined Autumn & Spring	6
DIGM6450	Video Games Development	30	Autumn	6

*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
BUSN3700	Introduction to Marketing	15	Autumn	4
BUSN6120	New Enterprise Development	15	Autumn	5
HIST5104	Press Start to Play: America as a Gamer's Nation Not running in 2023/24	30	Autumn	5
MSTU5001	Social Media and Participatory Culture	30	Autumn	5

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6

MECHANICAL ENGINEERING **UMEC0001X1BE-F**
MECHENG:BENG
MECHANICAL ENGINEERING INCLUDING A FOUNDATION YEAR **UMEC0001F1BE-F**
MECHENG-F-4:BENG
MECHANICAL ENGINEERING INCLUDING A FOUNDATION YEAR AND A YEAR IN INDUSTRY
MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY **UMEC0001FSBE-F**
MECHENG-S:BENG

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
EENG5170	Control and Mechatronics	15	Autumn & Spring	5
EENG5180	Dynamics of Machines	15	Autumn	5
EENG5190	Introduction to Fluid Dynamics	15	Spring	5
EENG5200	Failure of Materials and Structures	15	Spring	5
EENG5220	Design and Manufacturing Technology	15	Spring	5
EENG5620	Engineering Group Project	15	Autumn & Spring	5
EENG5650	Instrumentation and Measurement Systems	15	Autumn	5
EENG5770	Entrepreneurship and Professional Development	15	Autumn	5

Students on a Year in Industry will also take the following non-contributory compulsory module. This can also be taken by students who are not on the Year in Industry version as an optional, non-contributory module:

Compulsory module:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WMATH009	Engineering Industrial Practice Stage 2	0	Autumn & Spring	5

MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY **UMEC0001P1BE-F**
MECHENG-S:BENG
MECHANICAL ENGINEERING INCLUDING A FOUNDATION YEAR AND A YEAR IN INDUSTRY **UMEC0001FSBE-F**

STAGE S – 120 credits

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

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

*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 INCLUDING A FOUNDATION YEAR AND A YEAR IN INDUSTRY
MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY **UMEC0001FSBE-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
EENG6000*	Project	45	Autumn & Spring	6
EENG6460	Robotics and Artificial Intelligence	15	Autumn	6
EENG6470	Finite Element Analysis	15	Autumn	6
EENG6480	Thermodynamics and Heat Transfer	15	Spring	6
EENG6830	Reliability, Availability, Maintainability and Safety (RAMS)	15	Autumn & Spring	6

*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
EENG5610	Image Analysis & Applications	15	Spring	5
EENG6141	Biomaterials	15	Autumn & Spring	6

All students, whether they are on a Year in Industry course or not, can choose to take the following non-contributory optional module:

Optional modules:	MODULE TITLE	CREDIT AMOUNT	TERM TAUGHT	CREDIT LEVEL
WEENG001	Year in Industry Stage 3	0	Autumn & Spring	6