

School of Engineering and Technology

2018-19

BEng Honours in Electrical and Electronic Engineering (EE)

BEng Honours in Electronic Engineering and Mechatronics (EEM)

Level 4

c = compulsory module

o = optional module

Module Title	Module Code	Award		Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		EE	EEM						
Career Skills Development	4ENT1096	c	c	0	English	-	100	-	AB
Engineering Mathematics	4PAM1007	c	c	15	English	80	20	-	A
Introduction to Electronic Systems	4ENT1028	c	c	15	English	-	100	-	A
Intro to Manufacturing Technology	4ENT1117		c	15	English	-	100	-	AB
Materials and Electrical Science	4ENT1119		c	15	English	-	100	-	A
Sustainable Business of Electronics	4ENT1112	c		15	English	-	100	-	A
Digital Electronics & Computer Organisation	4ELE0050	c		15	English	80	20	-	A
Engineering Applications of Mathematics	4PAM1033	c	c	15	English	-	100	-	B
Electrical and Electronic Theory	4ENT1026	c		15	English	80	20	-	B
Mechanical Science	4ENT1067		c	15	English	80	20	-	B
Electronic Engineering Practice	4ENT1113	c		15	English	-	100	-	B
Introduction to Design	4ENT1121		c	15	English	-	100	-	AB
Computer Programming for Electronics Engineers	4ELE0049	c	c	15	English	-	100	-	B

BEng Honours in Electronic Engineering and Mechatronics (EEM)

c = compulsory module, o = optional module(See page 8for further details about the Exchange Year and Exchange Semester).

Module Title	Module Code	Award		Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		EE	EEM						
Exchange Year	5ENT1063	o	o	120	English	-	-	-	AB
Exchange Semester	5ENT1064	o	o	60	English	-	-	-	A or B
Further Engineering Mathematics	5PAM1005	c	c	15	English	70	30	-	A
Digital Design & Embedded Systems	5ELE0060	c	c	15	English	70	30	-	A
Real-time Systems & Programming	5ELE0062	c		15	English	-	100	-	B
Computer Aided Engineering	5ENT1078		c	15	English	-	100	-	A
Electronic Communication Systems	5ENT1074	c		15	English	70	30	-	A
Dynamics	5ENT1013		c	15	English	70	30	-	A
Project Management & Product Development	5ENT1080	c	c	15	English	70	30	-	B
Electrical Engineering & Power Control	5ELE0058	c		15	English	70	30	-	A
Structural Mechanics	5ENT1012		c	15	English	70	30	-	B
Mechatronics Systems Modelling & Control	5ENT1056	c	c	15	English	-	100	-	B
Integrated Engineering Systems Design	5ENT1033		c	15	English	-	100	-	B
Mini Projects (Electrical)	5ENT1075	c		15	English	-	100	-	B

BEng Honours in Electrical and Electronic Engineering (EE)

BEng Honours in Electronic Engineering and Mechatronics (EEM)

Level 6

c = compulsory module, o = optional module - all students who do not take the Placement Year module must take the Careers Portfolio module 5 if Part Time and not employed by an appropriate engineering company). See Page 9 for details of the Study Abroad options. EE4 students must take Telecommunication Systems or Micro-Engineering and Micro-Technology.

Module Title	Module Code	Award				Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		EE	EBM								
Placement Year	6AAD0015	o	o			0	English	-	100	-	ABC
Year Abroad	6ENT0001	o	o			0	English	-	-	-	AB
Semester Abroad	6ENT1051	o	o			0	English	-	-	-	A/B
Careers Portfolio	6ENT1021	o	o			0	English	-	100	-	A
Microelectronics & VLSI	6ENT1027	c	-			15	English	60	40	-	A
Control Systems	6AAD0007	-	c			15	English	60	40	-	A
Digital Signal Processing	6ELE0066	c	c			15	English	60	40	-	A
Power Systems	6ELE0071	c	-			15	English	60	40	-	A
Intelligent Systems and Robotics	6ELE0067	c	c			15	English	60	40	-	B
Advanced Power Conversion and Control	6ELE0062	c	-			15	English	60	40	-	B
Operating Systems and Object Oriented Programming	6ELE0070	-	c			15	English	60	40	-	A
Telecommunication Systems	6ELE0074	o	-			15	English	60	40	-	B
Mechatronics Design	6ENT1039	-	c			15	English	-	100	-	B
Micro-Engineering & Micro-Technology	6ENT1022	o	c			15	English	-	100	-	B
Individual Major Project	6ENT1062	c	c			30	English	-	100	-	AB

BSc Honours in Digital Technology

CTN= Computer Technology and Networks

Level 4

Module Title	Module Code	Award		Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		CTN							
Career Skills Development	4ENT1098	c		-	English	-	100	-	AB
Sound & Psychoacoustics	4ENT1125	c		15	English	50	50	-	A
E-Culture	4ENT1126	c		15	English	-	100	-	A
Software Application Practice	4ENT1100	c		15	English	-	100	-	A
Smart Technology	4ENT1102	c		15	English	-	100	-	A
Vision & Image Perception	4ENT1084	c		15	English	50	50		B
Multimedia Regulatory Framework	4ENT1104	c		15	English	-	100	-	B
Interactive Programming	4ENT1071	c		15	English	-	100	-	B
Internet of Things	4ENT1106	c		15	English	50	50	-	B

BSc Honours in Digital Technology

CTN= Computer Technology and Networks

Level 5(2016 entry onwards)

c = compulsory module

o = optional module(See page 8 for further details about the Exchange Year and Exchange Semester).

Module Title	Module Code	CTN	Award	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
Exchange Year	5ENT1063	o		120	English	-	-	-	AB
Exchange Semester	5ENT1064	o		60	English	-	-	-	A or B
Career Planning	5ENT1082	c		-	English	-	100	-	AB
Content & Asset Management	5ENT1081	c		15	English	-	100	-	A
Markup Languages and Metadata	5ENT1049	c		15	English	-	100	-	A
E-Enterprise and Entrepreneurship	5ENT1083	c		15	English	-	100	-	B
Networking	5ENT1047	c		15	English	50	50	-	A
Interactive Design Group Project	5ENT1068	c		15	English	-	100	-	B
Interaction Design	5ENT1084	c		15	English	-	100	-	A
Web Services	5ENT1070	c		15	English	-	100	-	B
Mini Project CTN	5ENT1085	c		15	English	-	100	-	B

BSc Honours in Digital Technology

CTN= Computer Technology and Networks

Level 6 (2016 entry onwards)

c = compulsory module, o = optional module. All students who do not take the Placement Year module must take the Careers Portfolio module in year 4 (year 5 if Part Time and not employed by an appropriate company). See Page 9 for details of the Study Abroad options.

Module Title	Module Code	Award		Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester	Year of Study	
		CTN								Full Time Mode	Part Time Mode
Industrial Placement (Placement Year)	6AAD0015	o		-	English	-	100	-	ABC	3	-
Year Abroad	6ENT0001	o		-	English	-	-	-	AB	3	-
Semester Abroad	6ENT1051	o		-	English	-	-	-	A/B	3	-
Careers Portfolio	6ENT1021	c		-	English	-	100	-	AB	4	5
Smart Systems	6ENT1030	c		15	English	60	40	-	A	4	5
Distributed Systems & Network Management	6ELE0079	c		30	English	60	40	-	AB	4	6
Data Security & Biometrics	6ENT1031	c		15	English	60	40	-	B	4	5
Visualisation & Animation Technology	6ELE0076	c		30	English	-	100	-	AB	4	5
Final Year Project	6ENT1061	c		30	English	-	100	-	AB	4	6

BSc Honours in Technology with Management

TMA – Aerospace Technology with Management

TPS – Aerospace Technology with Pilot Studies,

TMV – Automotive Technology with Management

Level 4 TMS – Motorsport Technology

c = compulsory module

o = optional module

Module Title	Module Code	Award				Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		TMA	TPS	TMV	TMS						
Career Skills Development	4ENT1096	c	c	c	c	0	English	-	100	-	AB
Mathematics for Engineering	4PAM1047	c	c	c	c	15	English	-	100	-	A
Aerospace Technology & Industry	4AAD0016	c	c	-	-	15	English	-	100	-	A
Motorsport and Automotive Technology	4ENT1128	-	-	c	c	15	English	-	100	-	A
Materials and Electrical Technology	4ENT1129	c	c	c	c	15	English	-	100	-	A
Introduction to Manufacturing for Technologists	4ENT1109	c	c	c	c	15	English	-	100	-	AB
Computing for Business and Technology	4ENT1130	c	c	c	c	15	English	-	100	-	B
Mechanical Experimental Engineering	4ENT1006	c	c	c	c	15	English	-	100	-	B
Introduction to Design for Technologists	4ENT1108	c	c	c	c	15	English	-	100	-	AB
Engineering Statistics	4ENT1045	c	c	c	c	15	English	60	40	-	B

BSc Honours in Technology with Management

TMA – Aerospace Technology with Management

TPS – Aerospace Technology with Pilot Studies,

Level 5 TMV – Automotive Technology with Management

TMS – Motorsport Technology

c = compulsory module

o = optional module(See page 8 for further details about the Exchange Year and Exchange Semester).

Module Title	Module Code	Award				Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		TMA	TPS	TMV	TMS						
Exchange Year	5ENT1063	o	o	o	o	120	English	-	-	-	AB
Exchange Semester	5ENT1064	o	o	o	o	60	English	-	-	-	A or B
Computer Aided Design	5AAD0046	c	c	c	c	15	English	-	100	-	A
Thermofluid Experimental Engineering	5ENT1086	c	c	c	c	15	English	-	100	-	A
Engineering Operations Management	5ENT1087	c	c	c	c	15	English	60	40	-	A
Principles of Aircraft Systems	5ENT1035	c	c	-	-	15	English	-	100	-	A
Automotive Electrical Systems	5ENT1004	-	-	c	c	15	English	60	40	-	A
Simulation & Analysis Techniques	5ENT1088	c	c	c	c	15	English	-	100	-	B
Computer Aided Manufacture	5ENT1001	c	c	c	c	15	English	-	100	-	B
Product and Project Management	5ENT1030	c	-	c	c	15	English	60	40	-	B
Aerospace Design, Test and Certification	5AAD0006	c	c	-	-	15	English	-	100	-	B
Vehicle Aerodynamics and Design	5ENT1089	-	-	c	c	15	English	-	100	-	B
Air Law, Navigation and Meteorology	5ENT1091	-	c	-	-	15	English	-	100	-	B
Career Planning	5ENT1082	c	c	c	c	0	English	-	100	-	AB

BSc Honours in Technology with Management

TMA – Aerospace Technology with Management

TPS – Aerospace Technology with Pilot Studies,

TMV – Automotive Technology with Management

TMS – Motorsport Technology

Level 6

c = compulsory module, o = optional module. All students who do not take the Placement Year module must take the Careers Portfolio module 5 if Part Time and not employed by an appropriate engineering company). See Page 9 for details of the Study Abroad options.

Module Title	Module Code	Award				Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		TMA	TPS	TMV	TMS						
Industrial Placement (Placement Year)	6AAD0015	o	o	o	o	-	English	-	100	-	ABC
Year Abroad	6ENT0001	o	o	o	o	-	English	-	-	-	AB
Semester Abroad	6ENT1051	o	o	o	o	-	English	-	-	-	A/B
Careers Portfolio	6ENT1021	o	o	o	o	0	English	-	100	-	AB
Instrumentation and Control Systems	6ENT1009	c	c	c	c	15	English	60	40	-	A
Pilot Studies and Flight Planning	6ENT1040	-	c	-	-	30	English	-	100	-	AB
Engineering Management and Finance	6AAD0020	c	-	c	-	15	English	-	100	-	A
Motorsport Technology	6ENT1057	-	-	-	c	15	English	-	100	-	A
Vehicle Design	6ENT1067	-	-	c	c	15	English	-	100	-	A
Reliability Engineering	6ENT1006	c	-	c	-	15	English	60	40	-	B
Avionics Technology	6ENT1059	c	c	-	-	15	English	-	100	-	B
Automotive Body Engineering	6ENT1068	-	-	c	-	15	English	-	100	-	B
Racing Car Body Engineering	6ENT1069	-	-	-	c	15	English	-	100	-	B
Design of High Performance Engines	6ENT1060	-	-	-	c	15	English	60	40	-	B
Automotive Chassis & Powertrain Technology	6AAD0006	-	-	c	c	15	English	60	40	-	B
Aerospace Performance, Propulsion, Design & Manufacture	6ENT1070	c	c	-	-	30	English	40	60	-	AB
Final Year Project	6ENT1061	c	c	c	c	30	English	-	100	-	AB

BEng Honours in Aerospace, Aerospace Systems, Computer Aided, Mechanical, Manufacturing and Automotive Engineering

A = Aerospace Engineering,
AEST= Aerospace Engineering with Space Technology,
ASE = Aerospace Systems Engineering,
APS = Aerospace Systems Engineering with Pilot Studies,
M = Mechanical Engineering,
MEM= Mechanical Engineering and Mechatronics,
V = Automotive Engineering,
VMS = Automotive Engineering with Motorsport.

Level 4

c = compulsory module
o = optional module.

Module Title	Module Code	Award								Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		A	AEST	ASE	APS	M	MEM	V	VMS						
Career Skills Development	4ENT1096	c	c	c	c	c	c	c	c	0	English	-	100	-	AB
Engineering Mathematics	4PAM1007	c	c	c	c	c	c	c	c	15	English	80	20	-	A
Aerospace Technology & Industry	4AAD0016	c	c	c	c	-	-	-	-	15	English	-	100	-	A
Engineering Fundamentals	4ENT1098	-	-	-	-	c	-	-	-	15	English	-	100	-	A
Automotive and Motorsport Technology	4ENT1115	-	-	-	-	-	-	c	c	15	English	-	100	-	A
Intro to Manufacturing Technology	4ENT1117	c	c	c	c	c	c	c	c	15	English	-	100	-	AB
Materials and Electrical Science	4ENT1119	c	c	c	c	c	c	c	c	15	English	-	100	-	A
Introduction to Electronic Systems	4ENT1028	-	-	-	-	-	c	-	-	15	English	-	100	-	A
Computer Programming for Electronics Engineers	4ELE0049	-	-	-	-	-	c	-	-	15	English	-	100	-	B
Engineering Applications of Mathematics	4PAM1033	c	c	c	c	c	c	c	c	15	English	-	100	-	B
Introduction to Design	4ENT1121	c	c	c	c	c	c	c	c	15	English	-	100	-	AB
Fluid Mechanics and Thermodynamics	4ENT1068	c	c	c	c	c	-	c	c	15	English	80	20	-	B
Mechanical Science	4ENT1067	c	c	c	c	c	c	c	c	15	English	80	20		B

BEng Honours in Aerospace, Aerospace Systems, Computer Aided, Mechanical, Manufacturing and Automotive Engineering

Level 5

c = compulsory module

o = optional module(See page 8 for further details about the Exchange Year and Exchange Semester).

A = Aerospace Engineering,
AEST= Aerospace Engineering with Space Technology,
ASE = Aerospace Systems Engineering,
APS = Aerospace Systems Engineering with Pilot Studies,
M = Mechanical Engineering,
MEM= Mechanical Engineering and Mechatronics,
V = Automotive Engineering,
VMS = Automotive Engineering with Motorsport.

Module Title	Module Code	Award								Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		A	AEST	ASE	APS	M	MEM	V	VMS						
Exchange Year	5ENT1063	o	o	o	o	o	o	o	o	120	English	-	-	-	AB
Exchange Semester	5ENT1064	o	o	o	o	o	o	o	o	60	English	-	-	-	A or B
Further Engineering Mathematics	5PAM1005	c	c	c	c	c	c	c	c	15	English	70	30	-	A
Computer Aided Engineering	5ENT1078	c	c	-	-	c	c	c	c	15	English	-	100	-	A
Aircraft Systems	5ENT1039	-	-	c	c	-	-	-	-	15	English	-	100	-	A
Dynamics	5ENT1013	c	c	c	c	c	c	c	c	15	English	70	30	-	A
Aerospace Design	5ENT1032	c	c	c	c	-	-	-	-	15	English	-	100	-	A
Thermofluid Mechanics	5ENT1079	-	-	-	-	c	-	c	c	15	English	70	30	-	A
Electrical Engineering & Power Control	5ELE0058	-	-	-	-	-	c	-	-	15	English	70	30	-	A
Mechatronic Systems Modelling & Control	5ENT1056	-	-	-	-	c	c	-	-	15	English	-	100	-	B
Aerospace Systems Modelling & Control	5ENT1062	c	c	c	c	-	-	-	-	15	English	-	100	-	B
Auto Electronics & Control Systems	5ENT1011	-	-	-	-	-	-	c	c	15	English	-	100	-	B
Proj Management & Product Developm't	5ENT1080	c	c	c	-	c	c	c	c	15	English	70	30	-	B
Air Law, Navigation and Meteorology	5ENT1091	-	-	-	c	-	-	-	-	15	English	-	100	-	B
Structural Mechanics	5ENT1012	c	-	-	-	c	c	c	c	15	English	70	30	-	B
Avionics Systems	5ENT1067	-	c	c	c	-	-	-	-	15	English	-	100	-	B
Aerothermodynamics	5ENT1014	c	c	c	c	-	-	-	-	15	English	70	30	-	B
Integrated Engineering Systems Design	5ENT1033	-	-	-	-	c	c	c	-	15	English	-	100	-	B
Motorsport Design	5ENT1041	-	-	-	-	-	-	-	c	15	English	-	100	-	B
Career Planning	5ENT1082	c	c	c	c	c	c	c	c	0	English	-	100	-	AB

Level 6

c = compulsory module, o = optional module. All students who do not take the Placement Year module must take the Careers Portfolio module 5 if Part Time and not employed by an appropriate engineering company). See Page 9 for details of the Study Abroad options. M4 students must take Manufacturing Strategy or Micro-Engineering & Micro-Technology.

Module Title	Module Code	Award								Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semester
		A	AEST	ASE	APS	M	MEM	V	VMS						
Placement Year	6AAD0015	o	o	o	o	o	o	o	o	0	English	-	100	-	ABC
Year Abroad	6ENT0001	o	o	o	o	o	o	o	o	0	English	-	-	-	AB
Semester Abroad	6ENT1051	o	o	o	o	o	o	o	o	0	English	-	-	-	A/B
Careers Portfolio	6ENT1021	o	o	o	o	o	o	o	o	0	English	-	100	-	AB
Stability & Control of Aircraft	6AAD0018	c	-	c	c	-	-	-	-	15	English	60	40	-	A
Mechanics & Properties of Materials	6ACM0003	c	-	-	-	c	c	c	c	15	English	60	40	-	A
Control Systems	6AAD0007	-	c	c	-	c	c	-	-	15	English	60	40	-	A
Rocket Performance & Propulsion	6AAD0026	-	c	-	-	-	-	-	-	15	English	60	40	-	A
Vehicle Engineering Design	6AAD0022	-	-	-	-	-	-	c	c	15	English	-	100	-	A
Pilot Studies and Flight Analysis	6ENT1041	-	-	-	c	-	-	-	-	30	English	-	100	-	AB
Aero Structural Design & Analysis	6ENT1035	c	-	-	-	-	-	-	-	15	English	60	40	-	B
Aerodynamics	6ENT1064	c	-	-	-	-	-	-	-	15	English	60	40	-	B
Satellite & Terrestrial Com Systems	6ENT1014	-	c	c	-	-	-	-	-	15	English	-	100	-	B
Space Dynamics	6PAM0027	-	c	-	-	-	-	-	-	15	English	-	100	-	B
Aircraft Systems Integration	6ENT1063	-	-	c	c	-	-	-	-	15	English	60	40	-	B
Mechatronics Design	6ENT1039	-	-	-	-	-	c	-	-	15	English	-	100	-	B
Mechanical Engineering Design	6ENT1071	-	-	-	-	c	-	-	-	15	English	-	100	-	B
Vibration, Noise & Vehicle Dynamics	6ENT1066	-	-	-	-	-	-	c	c	15	English	60	40	-	B
Noise and Vibration Analysis	6ENT1038	-	-	-	-	c	c	-	-	15	English	60	40	-	B
Vehicle Structural Analysis & Manu	6AAD0023	-	-	-	-	-	-	c	c	15	English	60	40	-	B
Thermofluid Mechanics & Heat Transfer	6AAD0005	-	-	-	-	c	-	c	-	15	English	60	40	-	A
Motorsport Engineering	6ENT1053	-	-	-	-	-	-	-	c	15	English	-	100	-	A
Micro-Eng & Micro-Technology	6ENT1022	-	-	-	-	o	c	-	-	15	English	-	100	-	B
Manufacturing Strategy	6AAD0019	-	-	-	-	o	-	c	-	15	English	60	40	-	B
High Performance Engine Design	6ENT1054	-	-	-	-	-	-	-	c	15	English	60	40	-	B
Power Systems	6ELE0071	-	-	-	-	-	c	-	-	15	English	60	40	-	A
Aero Performance, Propulsion & Design	6ENT1065	c	c	c	c	-	-	-	-	30	English	40	60	-	AB
Individual Major Project	6ENT1062	c	c	c	c	c	c	c	c	30	English	0	100	-	AB

BEng (Hons) in Civil Engineering

Level 4

Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	Compulsory (C) or Optional (O)	Semesters
Career Skills Development	4ENT1096	0	English	0	100	C	AB
Civil Engineering Materials I	4ENT1134	15	English	0	100	C	A
Engineering Mathematics	4PAM1007	15	English	80	20	C	A
Principles of Sustainable Design and Construction	4ENT1137	15	English	0	100	C	A
Site Surveying and Setting Out	4ENT1135	15	English	0	100	C	A
Fluid Mechanics and Hydraulics	4ENT1138	15	English	80	20	C	B
Mechanical Science	4ENT1067	15	English	80	20	C	B
Engineering Applications of Mathematics	4PAM1033	15	English	0	100	C	B
Dynamic Earth	4LFS1024	15	English	50	50	C	B

BEng (Hons) in Biomedical Engineering

Level 5

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters	Year of Study	
								Full Time Mode	Part Time Mode
Career Planning	5ENT1082	0	English	-	100	-	AB	2	4
Foundations of Human Physiology	5LMS0062	30	English	60	40	-	AB	2	3
Further Engineering Mathematics	5PAM1005	15	English	70	30	-	A	2	3
Physical Sensors & Actuators	5ENT1054	15	English	70	30	-	A	2	4
Introduction to Design (Biomedical)	5ENT1055	15	English	-	100	-	A	2	4
Mechatronic Systems Modelling and Control	5ENT1056	15	English	-	100	-	B	2	4
CAE for Biomedical Systems	5ENT1057	15	English	-	100	-	B	2	3
General Healthcare Design	5ENT1059	15	English	-	100	-	B	2	4

BEng (Hons) in Biomedical Engineering

Level 6

All students who do not take the Placement Year module must take the Careers Portfolio module in year 3 (year 5 if Part Time and not employed by an appropriate engineering company).

Compulsory Modules

Module Title

	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters	Year of Study	
								Full Time Mode	Part Time Mode
Placement Year	6AAD0015	0	English	-	100	-	ABC	3	-
Year Abroad	6ENT0001	0	English	-	-	-	AB	3	-
Careers Portfolio	6ENT1021	0	English	-	100	-	AB	4	5
Individual Major Project	6ENT1062	30	English	-	100	-	AB	4	6
Materials and Bio-compatibility	6ENT1045	15	English	60	40	-	A	4	5
Data Communication Systems for Biomedical Applications	6ENT1047	15	English	60	40	-	A	4	6
Advanced Biomechanics	6LMS0040	15	English	50	50	-	A	4	5
Biomedical Engineering Design	6ENT1046	15	English	-	100	-	B	4	5
Systems Integration for Biomedical Applications	6ENT1048	15	English	60	40	-	B	4	6
Microengineering for Biomedical Applications	6ENT1049	15	English	-	100	-	B	4	6