

Year:2019								
School Name	Class / Module Code	Class / Module Title	Stream	No of ECTS Credits (5 ECTS (European) normally = 3 US Credits (All Students should discuss this Home University for transferring back)	Semester Period Semester 1 - Sep - Jan Semester 2 Jan - May 'O' denotes full academic year	Continous Assessment % (CA%) All 100 % CA Classes are highlighted in Green	Examination Element% or (Exam %)	Students - Please Note the following if selecting this class but ensure you have the relevant background for all of the classes below even if there are not notes entered.
BIOTECHNOLOGY	BE202	Microbiology and Genetics	ECSAO	5.00	2	0	100	*BE101, BE102, CS113 - Please speak to lecturer to ascertain suitability
BIOTECHNOLOGY	BE223	Transport Processes	ECSAO	5.00	2	20	80	Please speak to lecturer to ascertain suitability
BIOTECHNOLOGY	BE233	Microbiology and Genetics II	ECSAO	5.00	2	20	80	Please speak to lecturer to ascertain suitability
BIOTECHNOLOGY	BE434	Human Inheritance and Population Genetics	ECSAO	5.00	2	0	100	Please speak to lecturer to ascertain suitability
BIOTECHNOLOGY	BE435	Animal Cell Biotechnology	ECSAO	5.00	2	0	100	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS102	Introductory Chemistry 2	ECSAO	5.00	2	20	80	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS205	Inorganic Chemistry	ECSAO	5.00	2	0	100	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS206	Bio-organic and Pharmaceutical Chemistry	ECSAO	5.00	2	0	100	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS306	Regulation and Data Analysis	ECSAO	5.00	2	100	0	Since modules CS306 & CS312 have a common part, students can only choose one module - (CS306 or CS312)
CHEMICAL SCIENCES	CS308	Quantum and Inorganic Chemistry	ECSAO	5.00	2	100	0	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS312	Formulation and Regulation	ECSAO	5.00	2	100	0	Since modules CS306 & CS312 have a common part, students can only choose one (CS306 or CS312)
CHEMICAL SCIENCES	CS408	Advanced Spectroscopic Workshop	ECSAO	5.00	2	0	100	Please speak to lecturer to ascertain suitability
CHEMICAL SCIENCES	CS415	Drug Design workshop	ECSAO	5.00	2	100	0	Please speak to lecturer to ascertain suitability
COMPUTING	CA113	Business Applications	ECSAO	5.00	2	100	0	
COMPUTING	CA115	Digital Innovation Management & Enterprise	ECSAO	5.00	2	100	0	
COMPUTING	CA121	Data Analysis and Visualisation	ECSAO	5.00	2	40	60	
COMPUTING	CA169	Networks & Internet	ECSAO	5.00	2	50	50	
COMPUTING	CA170	Introduction to Operating Systems	ECSAO	5.00	2	30	70	
COMPUTING	CA216	Operating Systems	ECSAO	5.00	2	30	70	
COMPUTING	CA226	Advanced Computer Architectures	ECSAO	5.00	2	40	60	
COMPUTING	CA227B	Business Database Management II	ECSAO	5.00	2	25	75	
COMPUTING	CA267	Software Testing	ECSAO	5.00	2	25	75	
COMPUTING	CA360	Communication Skills	ECSAO	5.00	2	100	0	
COMPUTING	CA361	IT Architecture	ECSAO	5.00	2	100	0	
COMPUTING	CA4004	Soft. Eng.:Process,Principles & Methods (C)	ECSAO	7.50	2	30	70	
COMPUTING	CA4006	Concurrent and Distributed Programming	ECSAO	7.50	2	30	70	
COMPUTING	CA4007	Computer Graphics and Image Processing	ECSAO	7.50	2	30	70	
COMPUTING	CA4011	Operations Research	ECSAO	7.50	2	30	70	
COMPUTING	CA4012	Statistical Machine Translation	ECSAO	7.50	2	30	70	
COMPUTING	CA4103	Service and Supply Chain Management	ECSAO	7.50	2	30	70	
COMPUTING	CA4106	Cloud Computing	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA643	Forensic Computing	ECSAO	7.50	2	50	50	Masters Level Students Only
COMPUTING	CA645	Network Security	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA646	P-Key Cryptography & Sec Protocols	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA648	Formal Programming	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA650	Software Process Quality	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA659	Mathematical Methods/Computational Science	ECSAO	7.50	2	0	100	Masters Level Students Only
COMPUTING	CA670	Concurrent Programming	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA675	Cloud Technologies	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA683	Data Analytics and Data Mining	ECSAO	7.50	2	25	75	Masters Level Students Only
COMPUTING	CA684	Machine Learning	ECSAO	7.50	2	25	75	Masters Level Students Only
DCU BUSINESS SCHOOL	EF209	Financial Management	ECSAO	5.00	2	30	70	
ELECTRONIC ENGINEERING	EE201	Digital and Analogue Electronics II	ECSAO	5.00	2	25	75	

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ELECTRONIC ENGINEERING	EE202	Embedded Systems	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE207	Systems	ECSAO	5.00	2	20	80	
ELECTRONIC ENGINEERING	EE219	Object Oriented Programming I	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE220	Engineering Mathematics IV	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE303	Mobile Robotics	ECSAO	5.00	2	100	0	
ELECTRONIC ENGINEERING	EE321	Data Communications & Networks II	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE322	Analogue Circuits & Design	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE417	Web Application Development	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE459	Mechatronic System Simulation & Control	ECSAO	7.50	2	30	70	
ELECTRONIC ENGINEERING	EE495	Transm. Lines, RF Prop. & Radio Link Design	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE497	3D Interface Technologies	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE506	Fundamentals of Photonic Devices	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE507	Entrepreneurship for Engineers	ECSAO	7.50	2	50	50	
ELECTRONIC ENGINEERING	EE508	Fundamentals of Device Manufacturing	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE513	Connected Embedded Systems	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE517	Network Analysis and Dimensioning	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE538	Secure Sys Admin & Internetwork Security	ECSAO	7.50	2	40	60	
ELECTRONIC ENGINEERING	EE544	Computer Vision	ECSAO	7.50	2	40	60	
ELECTRONIC ENGINEERING	EE562	Network Stack Implementation	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EM114	Numerical Problem Solving for Engineers	ECSAO	5.00	2	100	0	
HEALTH AND HUMAN PERFO	SS107	Motor Control & Learning	ECSAO	5.00	2	60	40	
HEALTH AND HUMAN PERFO	SS125	Technology in Sports Science & Health	ECSAO	5.00	2	100	0	
HEALTH AND HUMAN PERFO	SS206	Sport and Exercise Biomechanics 1	ECSAO	5.00	2	30	70	
HEALTH AND HUMAN PERFO	SS209	Sociology of Sport 2	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFO	SS238	Genetics & Health	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFO	SS317	Injury, Exercise and Sport Biomechanics	ECSAO	5.00	2	50	50	
MATHEMATICAL SCIENCES	MS104	Linear Mathematics II	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS113	Integral Calculus	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS114	Sequences and Series	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS117	Probability 1	ECSAO	5.00	2	25	75	
MATHEMATICAL SCIENCES	MS124	Mathematics for Scientists 2	ECSAO	5.00	2	25	75	
MATHEMATICAL SCIENCES	MS200	Linear Algebra	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS200A	Linear Mathematics	ECSAO	7.50	2	20	80	
MATHEMATICAL SCIENCES	MS211	Introduction to Differential Equations	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS216	Mathematics of Finance:An Introduction	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS223	Probability and Statistics	ECSAO	5.00	2	25	75	
MATHEMATICAL SCIENCES	MS232	Probability II	ECSAO	7.50	2	25	75	
MATHEMATICAL SCIENCES	MS242	Numbers: from the integers to the infinite	ECSAO	5.00	2	25	75	
MATHEMATICAL SCIENCES	MS425	Fixed Income Securities (Intermediate)	ECSAO	7.50	2	0	100	
MATHEMATICAL SCIENCES	MS426	Stochastic Finance (Intermediate)	ECSAO	7.50	2	0	100	
MATHEMATICAL SCIENCES	MS428	Financial Economics II	ECSAO	7.50	2	25	75	
MATHEMATICAL SCIENCES	MS445	Topics in Astrophysics	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS447A	Time Series (Intermediate)	ECSAO	7.50	2	25	75	
MATHEMATICAL SCIENCES	MS448	Life Contingencies	ECSAO	10.00	2	25	75	
MECHANICAL ENGINEERING	EM112	Engineering Mechanics-Statics	ECSAO	5.00	2	30	70	
MECHANICAL ENGINEERING	EM122	Engineering Mathematics II	ECSAO	5.00	2	25	75	
MECHANICAL ENGINEERING	MM225	Design and CADD	ECSAO	5.00	2	100	0	
MECHANICAL ENGINEERING	MM227	Thermofluid Mechanics	ECSAO	5.00	2	20	80	

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MECHANICAL ENGINEERING	MM228	Biomechanics of Human Movement	ECSAO	5.00	2	30	70	
MECHANICAL ENGINEERING	MM232	Pneumatics & Control	ECSAO	5.00	2	25	75	
MECHANICAL ENGINEERING	MM235	Manufacturing Processes 2	ECSAO	5.00	2	20	80	
MECHANICAL ENGINEERING	MM3002	Project for Exchange / Study Abroad	ECSAO	15.00	2	100	0	
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	2	100	0	
MECHANICAL ENGINEERING	MM353	Fundamentals of Control	ECSAO	5.00	2	20	80	
MECHANICAL ENGINEERING	MM401	Mechanical Engineering System Simulation	ECSAO	7.50	2	40	60	
MECHANICAL ENGINEERING	MM451	Design For Manufacture and Assembly	ECSAO	7.50	2	20	80	
MECHANICAL ENGINEERING	MM459	Robotics	ECSAO	5.00	2	20	80	
MECHANICAL ENGINEERING	MM485	Operations Research Methods	ECSAO	7.50	2	30	70	
MECHANICAL ENGINEERING	MM524	Advanced FEA	ECSAO	7.50	2	40	60	Available to Masters Level students only
MECHANICAL ENGINEERING	MM532	Computational Thermo-Fluid Dynamics	ECSAO	7.50	2	50	50	Available to Masters Level students only
NURSING	NS127	Introduction to Anthropology	ECSAO	5.00	2	50	50	
NURSING	NS272A	Culture, Health and Illness	ECSAO	5.00	2	50	50	55
NURSING	NS326	Working for Inclusion	ECSAO	5.00	2	100	0	55
NURSING	NS329	Sociology of Mental Health	ECSAO	5.00	2	50	50	
NURSING	NS347	Comparative Health Systems	ECSAO	5.00	2	100	0	
NURSING	NS370	Challenging Global Health Problems	ECSAO	5.00	2	50	50	
PHYSICAL SCIENCES	PS104	Electricity and Magnetism	ECSAO	5.00	2	25	75	
PHYSICAL SCIENCES	PS105	Thermal & Physical Properties of Matter	ECSAO	5.00	2	25	75	
PHYSICAL SCIENCES	PS108	The Universe	ECSAO	5.00	2	25	75	
PHYSICAL SCIENCES	PS130	Modern Technology 2: Elect.&Comms.	ECSAO	5.00	2	0	100	
PHYSICAL SCIENCES	PS202	Electromagnetism	ECSAO	5.00	2	25	75	
PHYSICAL SCIENCES	PS204	Solid State Physics I	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS213	Space Science and Technology	ECSAO	5.00	2	25	75	
SALIS	EN302	Ireland, Sex and Text	ECSAO	5.00	2	100	0	
SALIS	FR368	French Language 8 (Intermediate)	ECSAO	5.00	2	100	0	Quota 30
SALIS	FR368	French Language 8 (Intermediate)	ECSAO	5.00	2	100	0	Quota 30
SALIS	LC212	Textual Studies	ECSAO	5.00	2	100	0	