

Name of School	Module Code	Module Title	Study Stream	Study Period	ECTS Credit	Semester	CA%	Exam %	Quota (Group & Lect)	Quota (Off Type)
BIOTECHNOLOGY	BE201	Biomolecules and Metabolism	ECSAO	O	5.00	1	20	80		
BIOTECHNOLOGY	BE202	Microbiology and Genetics	ECSAO	O	5.00	2	10	90		
BIOTECHNOLOGY	BE208	Pollution & Biosphere	ECSAO	O	5.00	1	100	0		
BIOTECHNOLOGY	BE223	Transport Processes	ECSAO	O	5.00	2	50	50		
BIOTECHNOLOGY	BE224	Bioprocess Engineering Principles	ECSAO	O	5.00	1	20	80		
BIOTECHNOLOGY	BE226	Physiological Systems & Cell Biology	ECSAO	O	5.00	1	20	80		
BIOTECHNOLOGY	BE230	Cell Structure and Function	ECSAO	O	5.00	1	100	0		
BIOTECHNOLOGY	BE233	Microbiology and Genetics II	ECSAO	O	5.00	2	20	80		
BIOTECHNOLOGY	BE301	Gene Cloning and Gene Expression	ECSAO	O	5.00	1	100	0		
BIOTECHNOLOGY	BE309	Immunology & Cell Biology for Engineers	ECSAO	O	5.00	1	20	80		
BIOTECHNOLOGY	BE310	Comparative Genomics & Developmental Biology	ECSAO	O	5.00	1	20	80		
BIOTECHNOLOGY	BE322	Design and Operation of Bioreactors	ECSAO	O	5.00	1	100	0		
BIOTECHNOLOGY	BE401	Industrial Bioprocessing	ECSAO	O	5.00	1	40	60		
BIOTECHNOLOGY	BE433	Immunology and Immunoanalysis	ECSAO	O	5.00	1	100	0		
BIOTECHNOLOGY	BE434	Human Inheritance and Population Genetics	ECSAO	O	5.00	2	20	80		
BIOTECHNOLOGY	BE435	Animal Cell Biotechnology	ECSAO	O	5.00	2	0	100		
CHEMICAL SCIENCES	CS102	Introductory Chemistry 5	ECSAO	O	5.00	2	20	80		
CHEMICAL SCIENCES	CS107	Chemistry for Health Related Professions	ECSAO	O	5.00	1	100	0		
CHEMICAL SCIENCES	CS202	Spectroscopy and Physical Chemistry	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS204	Organic Chemistry	ECSAO	O	5.00	1	20	80		
CHEMICAL SCIENCES	CS205	Inorganic Chemistry	ECSAO	O	5.00	2	0	100		
CHEMICAL SCIENCES	CS206	Bio-organic and Pharmaceutical Chemistry	ECSAO	O	5.00	2	0	100		
CHEMICAL SCIENCES	CS207	Visualisation & Validation of Laboratory Data	ECSAO	O	5.00	2	100	0		
CHEMICAL SCIENCES	CS207	Visualisation & Validation of Laboratory Data	ECSAO	O	5.00	1	100	0		
CHEMICAL SCIENCES	CS301	Organometallics and Polymer Chemistry	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS302	Separation Techniques	ECSAO	O	5.00	1	20	80		
CHEMICAL SCIENCES	CS303	Analytical Spectroscopy	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS306	Regulation and Data Analysis	ECSAO	O	5.00	2	100	0		
CHEMICAL SCIENCES	CS307	Organic Chemistry	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS308	Computational and Inorganic Chemistry	ECSAO	O	5.00	2	100	0		
CHEMICAL SCIENCES	CS311	Medicinal Chemistry	ECSAO	O	5.00	1	100	0		
CHEMICAL SCIENCES	CS312	Formulation	ECSAO	O	5.00	2	100	0		
CHEMICAL SCIENCES	CS404	Interfacial and Supramolecular Chemistry	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS405	Advanced Topics in Organic Chemistry	ECSAO	O	5.00	1	20	80		

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CHEMICAL SCIENCES	CS406	Advanced Inorganic Chemistry	ECSAO	O	5.00	1	0	100		
CHEMICAL SCIENCES	CS409	Advanced Analytical Applications	ECSAO	O	5.00	1	100	0		
CHEMICAL SCIENCES	CS414	Advanced Medicinal Chemistry	ECSAO	O	5.00	1	100	0		
CHEMICAL SCIENCES	CS415	Drug Design workshop	ECSAO	O	5.00	2	100	0		
CHEMICAL SCIENCES	CS425	Advanced Spectroscopy	ECSAO	O	10.00	0	0	100		
COMPUTING	CA119	Data Science and Databases	ECSAO	O	5.00	1	20	80		
COMPUTING	CA177	Programming Fundamentals	ECSAO	O	5.00	2	50	50		
COMPUTING	CA208	Logic	ECSAO	O	5.00	2	50	50		
COMPUTING	CA2106	Advanced Web Design	ECSAO	O	5.00	1	100	0		
COMPUTING	CA214	Systems Analysis	ECSAO	O	5.00	1	100	0		
COMPUTING	CA216	Operating Systems	ECSAO	O	5.00	2	30	70		
COMPUTING	CA222	Enterprise Information Systems	ECSAO	O	5.00	1	100	0		
COMPUTING	CA229	Developing Internet Applications	ECSAO	O	5.00	2	100	0		
COMPUTING	CA266	Probability & Statistics	ECSAO	O	5.00	1	20	80		
COMPUTING	CA267	Software Testing	ECSAO	O	5.00	2	100			
COMPUTING	CA268	Computer Programming 3 (Data Struct. & Alg.)	ECSAO	O	5.00	1	30	70		
COMPUTING	CA269	Computer Programming 4 (Object Oriented Prog)	ECSAO	O	5.00	2	30	70		
COMPUTING	CA271	Introduction to Machine Learning	ECSAO	O	10.00	2	100	0		
COMPUTING	CA274	Programming for Data Analysis	ECSAO	O	5.00	2	100	0		
COMPUTING	CA279	Professional Practice for Enterprise Comp.	ECSAO	O	5.00	2	100	0		
COMPUTING	CA282	Introduction to DevOps	ECSAO	O	5.00	1	100	0		
COMPUTING	CA3000	Quantitative Analysis for Business Decisions	ECSAO	O	5.00	1	25	75		
COMPUTING	CA304	Computer Networks 3	ECSAO	O	5.00	1	25	75		
COMPUTING	CA3109	Machine Learning	ECSAO	O	5.00	2	100			
COMPUTING	CA314	OO Analysis and Design	ECSAO	O	5.00	1	25	75		
COMPUTING	CA318	Advanced Algorithms and A.I. Search	ECSAO	O	5.00	1	25	75		
COMPUTING	CA320	Computability and Complexity	ECSAO	O	5.00	1	25	75		
COMPUTING	CA341	Comparative Programming Languages	ECSAO	O	5.00	1	100	0		
COMPUTING	CA348	Business Information Management	ECSAO	O	5.00	1	100	0		
COMPUTING	CA349	IT Architecture	ECSAO	O	5.00	1	100	0		
COMPUTING	CA357	User Interface Design and Implementation	ECSAO	O	5.00	1	100	0		
COMPUTING	CA360	Communication Skills	ECSAO	O	5.00	2	100	0		
COMPUTING	CA377	Programming Fundamentals (Project)	ECSAO	O	5.00	1	100	0		
COMPUTING	CA4003	Compiler Construction	ECSAO	O	7.50	1	30	70		
COMPUTING	CA4004	Soft. Eng.:Process,Principles & Methods (C)	ECSAO	O	7.50	2	100	0		
COMPUTING	CA4005	Cryptography and Security Protocols	ECSAO	O	7.50	1	30	70		
COMPUTING	CA4006	Concurrent and Distributed Programming	ECSAO	O	7.50	2	50	50		
COMPUTING	CA4007	Computer Graphics and Image Processing	ECSAO	O	7.50	2	30	70		

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COMPUTING	CA4009	Search Technologies	ECSAO	O	7.50	1	30	70		
COMPUTING	CA4010	Data Warehousing & Data Mining	ECSAO	O	7.50	1	25	75		
COMPUTING	CA4012	Machine Translation	ECSAO	O	7.50	2	30	70		
COMPUTING	CA4101	Enterprise Architecture (C)	ECSAO	O	7.50	2	30	70		
COMPUTING	CA4102	High-Tech. Innovation & Entrepreneurship (C)	ECSAO	O	7.50	1	100	0		
COMPUTING	CA4106	Cloud Computing	ECSAO	O	7.50	2	25	75		
COMPUTING	CA4108	Topics in Innovative Technologies	ECSAO	O	7.50	1	100	0		
COMPUTING	CA4109	Machine Learning	ECSAO	O	7.50	2	100			
COMPUTING	CA640	Professional & Research Practice	ECSAO	O	7.50	1	50	50		
COMPUTING	CA642	Cryptography & Number Theory	ECSAO	O	7.50	1	25	75		
COMPUTING	CA644	System Software	ECSAO	O	7.50	1	25	75		
COMPUTING	CA648	Formal Programming	ECSAO	O	7.50	2	25	75		
COMPUTING	CA650	Software Process Quality	ECSAO	O	7.50	2	25	75		
COMPUTING	CA659	Mathematical Methods/Computational Science	ECSAO	O	7.50	2	0	100		
COMPUTING	CA660	Statistical Data Analysis	ECSAO	O	7.50	1	25	75		
COMPUTING	CA670	Concurrent Programming	ECSAO	O	7.50	2	25	75		
COMPUTING	CA675	Cloud Technologies	ECSAO	O	7.50	1	100			
COMPUTING	CA682	Data Management and Visualisation	ECSAO	O	7.50	1	25	75		
COMPUTING	CA683	Data Analytics and Data Mining	ECSAO	O	7.50	2	25	75		
COMPUTING	CA684	Machine Learning	ECSAO	O	7.50	2	25	75		
COMPUTING	CA691	Data Governance	ECSAO	O	10.00	2	50	50		
DCU BUSINESS SCHOOL	AC115	Management Accounting for Decision Making	ECSAO	O	5.00	1	20	80		
DCU BUSINESS SCHOOL	AC116	Financial Accounting for Decision Making	ECSAO	O	5.00	2	20	80		
DCU BUSINESS SCHOOL	AC402	Business and Professional Ethics	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	EF209	Financial Management	ECSAO	O	5.00	2	30	70		
DCU BUSINESS SCHOOL	EF213	Public Finance	ECSAO	O	5.00	2	30	70		
DCU BUSINESS SCHOOL	EF218	Corporate Financial Management & Investments	ECSAO	O	10.00	0	20	80		
DCU BUSINESS SCHOOL	EF302	Macroeconomic Policy	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	EF303	Economic Estimation and Inference	ECSAO	O	5.00	1	40	60		
DCU BUSINESS SCHOOL	EF305	International Finance	ECSAO	O	5.00	1	25	75		
DCU BUSINESS SCHOOL	EF306	Financial Theory	ECSAO	O	5.00	1	30	70		
DCU BUSINESS SCHOOL	EF308	Econometrics and Forecasting	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	EF309	Risk Management	ECSAO	O	5.00	2	50	50		
DCU BUSINESS SCHOOL	EF318	New Enterprise Development Project	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	EF321	Development Economics	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	EF325	Public Choice	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	EF331	Topics in Applied Economics	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	EF336	Intermediate Microeconomics 1	ECSAO	X	5.00	1	50	50		
DCU BUSINESS SCHOOL	HR101	Psychology in Organisations	ECSAO	O	5.00	1	100	0		

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DCU BUSINESS SCHOOL	HR201	Introduction To Human Resource Management	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	HR301	Organisational Psychology	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	HR306	Employee Relations Procedures	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	MG114	Marketing of High Tech Products & Innovations	ECSAO	O	10.00	0	100	0		
DCU BUSINESS SCHOOL	MG308	The Changing Consumer	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	MG308	The Changing Consumer	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	MG329	Digital Marketing	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	MG331	Innovation, Marketing & New Tech. Foresights	ECSAO	O	5.00	2	100	0		
DCU BUSINESS SCHOOL	MT201	Operations Management	ECSAO	O	5.00	1	100	0		
DCU BUSINESS SCHOOL	MT214	Airport Operations Management	ECSAO	O	5.00	2	30	70		
DCU BUSINESS SCHOOL	MT318	Electronic Commerce	ECSAO	O	5.00	2	100	0		
ELECTRONIC ENGINEERING	EE201	Digital and Analogue Electronics II	ECSAO	O	5.00	2	25	75		
ELECTRONIC ENGINEERING	EE202	Embedded Systems	ECSAO	O	5.00	2	25	75		
ELECTRONIC ENGINEERING	EE203	Circuits	ECSAO	O	5.00	1	100	0		
ELECTRONIC ENGINEERING	EE206	Operating Systems	ECSAO	O	5.00	1	25	75		
ELECTRONIC ENGINEERING	EE207	Systems	ECSAO	O	5.00	2	20	80		
ELECTRONIC ENGINEERING	EE219	Object Oriented Programming I	ECSAO	O	5.00	2	25	75		
ELECTRONIC ENGINEERING	EE220	Engineering Mathematics IV	ECSAO	O	5.00	2	30	70		
ELECTRONIC ENGINEERING	EE223	Digital and Analogue Electronics I	ECSAO	O	5.00	1	25	75		
ELECTRONIC ENGINEERING	EE224	Data Communications & Networks I	ECSAO	O	5.00	1	100	0		
ELECTRONIC ENGINEERING	EE303	Mobile Robotics	ECSAO	O	5.00	2	100	0		
ELECTRONIC ENGINEERING	EE314	Signals	ECSAO	O	10.00	1	100	0		
ELECTRONIC ENGINEERING	EE317	Computation/Simulation	ECSAO	O	5.00	1	60	40		
ELECTRONIC ENGINEERING	EE319	Electromechanical Systems	ECSAO	O	5.00	1	100	0		
ELECTRONIC ENGINEERING	EE321	Data Communications & Networks II	ECSAO	O	5.00	2	25	75		
ELECTRONIC ENGINEERING	EE322	Analogue Circuits & Design	ECSAO	O	5.00	2	25	75		
ELECTRONIC ENGINEERING	EE323	Electromagnetism II	ECSAO	O	5.00	1	100	0		
ELECTRONIC ENGINEERING	EE324	Algorithms for Engineers	ECSAO	O	5.00	1	50	50		
ELECTRONIC ENGINEERING	EE401	DSP - Digital Filters & DFT	ECSAO	O	5.00	2	20	80		
ELECTRONIC ENGINEERING	EE402	OOP with Embedded Systems	ECSAO	O	7.50	1	25	75		
ELECTRONIC ENGINEERING	EE417	Web Application Development	ECSAO	O	7.50	2	100	0		
ELECTRONIC ENGINEERING	EE419	Power Electronics	ECSAO	O	5.00	1	25	75		
ELECTRONIC ENGINEERING	EE425	Image Processing & Analysis	ECSAO	O	5.00	1	25	75		
ELECTRONIC ENGINEERING	EE445	Bioelectronics	ECSAO	O	7.50	2	30	70		
ELECTRONIC ENGINEERING	EE445	Bioelectronics	ECSAO	O	7.50	2	30	70		
ELECTRONIC ENGINEERING	EE452	Wireless/Mobile Communications	ECSAO	O	7.50	1	50	50		
ELECTRONIC ENGINEERING	EE452	Wireless/Mobile Communications	ECSAO	O	7.50	1	50	50		
ELECTRONIC ENGINEERING	EE453	Image Processing & Analysis (Plus)	ECSAO	O	7.50	1	25	75		
ELECTRONIC ENGINEERING	EE454	Optical Communications System Design	ECSAO	O	7.50	2	20	80		
ELECTRONIC ENGINEERING	EE454	Optical Communications System Design	ECSAO	O	7.50	2	20	80		

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ELECTRONIC ENGINEERING	EE457	Undergraduate Project Exchange/Study Abroad	ECSAO	O	15.00	1	100	0		
ELECTRONIC ENGINEERING	EE457	Undergraduate Project Exchange/Study Abroad	ECSAO	O	15.00	2	100	0		
ELECTRONIC ENGINEERING	EE457	Undergraduate Project Exchange/Study Abroad	ECSAO	O	15.00	1	100	0		
ELECTRONIC ENGINEERING	EE457	Undergraduate Project Exchange/Study Abroad	ECSAO	O	15.00	2	100	0		
ELECTRONIC ENGINEERING	EE458	Control Systems Analysis	ECSAO	O	5.00	1	15	85		
ELECTRONIC ENGINEERING	EE459	Mechatronic System Simulation & Control	ECSAO	O	7.50	2	30	70		
ELECTRONIC ENGINEERING	EE463	Solid State Electr. & Semiconductor Devices	ECSAO	O	7.50	1	100	0		
ELECTRONIC ENGINEERING	EE496	Computer Architecture and HDL	ECSAO	O	5.00	1	50	50		
ELECTRONIC ENGINEERING	EE497	3D Interface Technologies	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EE506	Photonic Devices	ECSAO	O	7.50	1	25	75		
ELECTRONIC ENGINEERING	EE507	Entrepreneurship for Engineers	ECSAO	O	7.50	2	50	50		
ELECTRONIC ENGINEERING	EE508	Device Manufacturing	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EE513	Connected Embedded Systems	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EE517	Network Analysis and Dimensioning	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EE544	Computer Vision	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EE562	Network Stack Implementation	ECSAO	O	7.50	2	25	75		
ELECTRONIC ENGINEERING	EM113	Introduction to Electronics	ECSAO	O	5.00	1	100	0		
ELECTRONIC ENGINEERING	EM114	Numerical Problem Solving for Engineers	ECSAO	O	5.00	2	100	0		
ELECTRONIC ENGINEERING	EM202	Engineering Mathematics IV	ECSAO	O	5.00	2	30	70		
ELECTRONIC ENGINEERING	EM204	Engineering Mathematics IV	ECSAO	O	5.00	1	30	70		
HEALTH AND HUMAN PERFO	SS102	Introduction to Exercise Science	ECSAO	O	7.50	1	100	0		
HEALTH AND HUMAN PERFO	SS107	Motor Control & Learning	ECSAO	O	5.00	2	60	40		
HEALTH AND HUMAN PERFO	SS125	Performance Analysis in Sport	ECSAO	O	5.00	2	100	0		
HEALTH AND HUMAN PERFO	SS206	Sport and Exercise Biomechanics 4	ECSAO	O	5.00	2	30	70		
HEALTH AND HUMAN PERFO	SS209	Sociology of Sport 5	ECSAO	O	5.00	2	60	40		
HEALTH AND HUMAN PERFO	SS238	Genetics & Health	ECSAO	O	5.00	2	100	0		
HEALTH AND HUMAN PERFO	SS312	Medicine in Sport	ECSAO	O	5.00	1	100	0		
HEALTH AND HUMAN PERFO	SS317	Injury, Exercise and Sport Biomechanics	ECSAO	O	5.00	2	50	50		
MATHEMATICAL SCIENCES	MS103	Linear Mathematics I	ECSAO	O	5.00	1	20	80		
MATHEMATICAL SCIENCES	MS104	Linear Mathematics II	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS111	Mathematical Concepts and Skills	ECSAO	O	5.00	1	100	0		
MATHEMATICAL SCIENCES	MS112	Differential Calculus	ECSAO	O	5.00	1	25	75		
MATHEMATICAL SCIENCES	MS113	Integral Calculus	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS114	Sequences and Series	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS123	Mathematics for Scientists 4	ECSAO	O	5.00	1	20	80		
MATHEMATICAL SCIENCES	MS124	Mathematics for Scientists 5	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS129	Calculus I	ECSAO	O	5.00	1	100	0		
MATHEMATICAL SCIENCES	MS130	Calculus I	ECSAO	O	5.00	2	100	0		

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MATHEMATICAL SCIENCES	MS136	Mathematics for Economics and Business	ECSAO	O	5.00	1	100	0		
MATHEMATICAL SCIENCES	MS200	Linear Algebra	ECSAO	O	5.00	1	20	80		
MATHEMATICAL SCIENCES	MS200A	Linear Mathematics	ECSAO	O	7.50	2	20	80		
MATHEMATICAL SCIENCES	MS205	Calculus of Several Variables	ECSAO	O	5.00	1	20	80		
MATHEMATICAL SCIENCES	MS211	Calculus of Several Variables	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS213	Numerical Methods	ECSAO	O	7.50	1	25	75		
MATHEMATICAL SCIENCES	MS217	Linear Algebra	ECSAO	O	5.00	1	20	80		
MATHEMATICAL SCIENCES	MS221	Calculus of Several Variables	ECSAO	O	5.00	1	100	0		
MATHEMATICAL SCIENCES	MS223	Probability and Statistics	ECSAO	O	5.00	2	100	0		
MATHEMATICAL SCIENCES	MS225	Modelling with Differential Equations	ECSAO	O	5.00	1	100	0		
MATHEMATICAL SCIENCES	MS231	Analysis 5	ECSAO	O	7.50	1	20	80		
MATHEMATICAL SCIENCES	MS232	Probability II	ECSAO	O	7.50	2	20	80		
MATHEMATICAL SCIENCES	MS241	Geometry: From Shape & Space to Hyperbolic Plane	ECSAO	O	5.00	1	25	75		
MATHEMATICAL SCIENCES	MS242	Numbers: from the integers to the infinite	ECSAO	O	5.00	2	25	75		
MATHEMATICAL SCIENCES	MS308A	Stochastic Modelling	ECSAO	O	7.50	1	25	75		
MATHEMATICAL SCIENCES	MS309	Partial Differential Equations	ECSAO	O	7.50	1	100	0		
MATHEMATICAL SCIENCES	MS318	Financial Mathematics	ECSAO	O	7.50	1	25	75		
MATHEMATICAL SCIENCES	MS408	Probability and Finance II (Intermediate)	ECSAO	O	7.50	1	20	80		
MATHEMATICAL SCIENCES	MS425	Fixed Income Securities (Intermediate)	ECSAO	O	7.50	2	0	100		
MATHEMATICAL SCIENCES	MS426	Stochastic Finance (Intermediate)	ECSAO	O	7.50	2	0	100		
MATHEMATICAL SCIENCES	MS427	Financial Economics I	ECSAO	O	7.50	1	25	75		
MATHEMATICAL SCIENCES	MS437	Probability and Finance I (Intermediate)	ECSAO	O	7.50	1	20	80		
MATHEMATICAL SCIENCES	MS445	Topics in Astrophysics	ECSAO	O	5.00	2	20	80		
MATHEMATICAL SCIENCES	MS447A	Time Series (Intermediate)	ECSAO	O	7.50	2	30	70		
MECHANICAL ENGINEERING	EM112	Engineering Mechanics-Statics	ECSAO	O	5.00	2	100	0		
MECHANICAL ENGINEERING	EM115	Materials Engineering	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	EM121	Engineering Mathematics I	ECSAO	O	5.00	1	25	75		
MECHANICAL ENGINEERING	EM122	Engineering Mathematics II	ECSAO	O	5.00	2	25	75		
MECHANICAL ENGINEERING	EM201	Engineering Mathematics III	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM203	Engineering Mechanics: Dynamics	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM204	Thermodynamics: Energy	ECSAO	O	5.00	1	50	50		
MECHANICAL ENGINEERING	MM211	Mechanics of Materials I	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM212	Mechanics of Materials II	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM225	Design and Solid Modelling	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM227	Thermofluid Mechanics	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM228	Biomechanics of Human Movement	ECSAO	O	5.00	2	30	70		
MECHANICAL ENGINEERING	MM232	Pneumatics and Hydraulics	ECSAO	O	5.00	2	25	75		
MECHANICAL ENGINEERING	MM235	Manufacturing Processes 2	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM252	Manufacturing Processes 1	ECSAO	O	5.00	1	100	0		

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MECHANICAL ENGINEERING	MM281	Engineering Computation	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM3002	Project for Exchange / Study Abroad	ECSAO	O	15.00	1	100	0		
MECHANICAL ENGINEERING	MM3002	Project for Exchange / Study Abroad	ECSAO	O	15.00	2	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	2	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	0	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	1	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	0	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	1	100	0		
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	O	30.00	2	100	0		
MECHANICAL ENGINEERING	MM306	Mechanics of Machines	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM307	Measurement & Signal Processing	ECSAO	O	5.00	1	20	80		
MECHANICAL ENGINEERING	MM309	Project & Quality Management	ECSAO	O	5.00	1	20	80		
MECHANICAL ENGINEERING	MM310	Product Design	ECSAO	O	10.00	0	100	0		
MECHANICAL ENGINEERING	MM344	Group Project	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM353	Fundamentals of Control	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM354	Lean and 6 Sigma Manufacturing	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM382	Data Analytics for Engineers	ECSAO	O	5.00	1	100	0		
MECHANICAL ENGINEERING	MM382A	Data Analytics for Engineers	ECSAO	O	5.00	2	100	0		
MECHANICAL ENGINEERING	MM401	Mechanical Engineering System Simulation	ECSAO	O	7.50	2	40	60		
MECHANICAL ENGINEERING	MM409	Adv Eng Materials & Manufacturing Processes	ECSAO	O	5.00	1	40	60		
MECHANICAL ENGINEERING	MM413	Biomaterials & Processing Technology	ECSAO	O	5.00	2	30	70		
MECHANICAL ENGINEERING	MM421	Finite Element Analysis	ECSAO	O	7.50	1	40	60		
MECHANICAL ENGINEERING	MM432	Heat and Mass Transfer	ECSAO	O	7.50	1	30	70		
MECHANICAL ENGINEERING	MM451	Design For Manufacture and Assembly	ECSAO	O	7.50	2	20	80		
MECHANICAL ENGINEERING	MM453	Manufacturing Automation	ECSAO	O	5.00	1	20	80		
MECHANICAL ENGINEERING	MM459	Robotics	ECSAO	O	5.00	2	20	80		
MECHANICAL ENGINEERING	MM485	Operations Research Methods	ECSAO	O	7.50	2	30	70		
MECHANICAL ENGINEERING	MM498	Rehabilitation Engineering	ECSAO	O	5.00	2	30	70		
MECHANICAL ENGINEERING	MM499	Surgical Device Technology	ECSAO	O	5.00	2	30	70		
MECHANICAL ENGINEERING	MM523	Product Design, Development & Value Analysis	ECSAO	O	7.50	1	20	80		
MECHANICAL ENGINEERING	MM524	Advanced FEA	ECSAO	O	7.50	2	40	60		
MECHANICAL ENGINEERING	MM530	Surface Engineering & Tribology	ECSAO	O	7.50	1	20	80		
MECHANICAL ENGINEERING	MM532	Computational Thermo-Fluid Dynamics	ECSAO	O	7.50	2	50	50		
MECHANICAL ENGINEERING	MM533	Research Practice & Methodology	ECSAO	O	7.50	1	50	50		
MECHANICAL ENGINEERING	MM536	Advanced Sustainable Energy Systems	ECSAO	O	7.50	2	100	0		
MECHANICAL ENGINEERING	MM536	Advanced Sustainable Energy Systems	ECSAO	O	7.50	2	100	0		
MECHANICAL ENGINEERING	MM537	Whole Life Cycle Analysis	ECSAO	O	7.50	2	100	0		
MECHANICAL ENGINEERING	MM537	Whole Life Cycle Analysis	ECSAO	O	7.50	2	100	0		

Name of School	Module Code	Module Title	Study Stream	Study Period	ECTS Credit	Semester	CA%	Exam %	Quota (Group & Lect)	Quota (Off Type)
MECHANICAL ENGINEERING	MM555	Manufacturing Process Analysis & Tool Design	ECSAO	O	7.50	2	20	80		
MECHANICAL ENGINEERING	MM555	Manufacturing Process Analysis & Tool Design	ECSAO	O	7.50	2	20	80		
MECHANICAL ENGINEERING	MM584	Manufacturing Systems Simulation	ECSAO	O	7.50	1	50	50		
Nursing, Psych & Comm Health	NS127	Introduction to Anthropology	ECSAO	O	5.00	2	50	50		
Nursing, Psych & Comm Health	NS131	Understanding Intellectual Disability 1	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS137	Sustainable Development and Health	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS141	Drugs in Society	ECSAO	O	5.00	2	100	0		
Nursing, Psych & Comm Health	NS263	Wellbeing across the lifespan 1	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS270	Epidemiology	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS272A	Anthropology Health and Illness	ECSAO	O	5.00	2	60	40	60	60
Nursing, Psych & Comm Health	NS280	Sociology, Health & Illness	ECSAO	O	5.00	1	60	40		
Nursing, Psych & Comm Health	NS326	Working for Inclusion	ECSAO	O	5.00	2	100	0	55	55
Nursing, Psych & Comm Health	NS347	Comparative Health Systems	ECSAO	O	5.00	2	100	0		
Nursing, Psych & Comm Health	NS370	Challenging Global Health Problems	ECSAO	O	5.00	2	100	0		
Nursing, Psych & Comm Health	NS370	Challenging Global Health Problems	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS390	Health Promotion	ECSAO	O	5.00	1	100	0		
Nursing, Psych & Comm Health	NS441	Nursing Informatics, Management & Leadership	ECSAO	O	5.00	1	100	0		
PHYSICAL SCIENCES	PS104	Electricity and Magnetism	ECSAO	O	5.00	2	40	60		
PHYSICAL SCIENCES	PS105	Physical and Thermal Properties of Matter	ECSAO	O	5.00	2	100	0		
PHYSICAL SCIENCES	PS114	Life, the Universe and Everything	ECSAO	O	5.00	2	20	80		
PHYSICAL SCIENCES	PS130	Modern Technology	ECSAO	O	5.00	1	100	0		
PHYSICAL SCIENCES	PS130	Modern Technology	ECSAO	O	5.00	2	100	0		
PHYSICAL SCIENCES	PS201	Quantum Physics I	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS202	Electromagnetism	ECSAO	O	5.00	2	20	80		
PHYSICAL SCIENCES	PS204	Solid State Physics I	ECSAO	O	5.00	2	20	80		
PHYSICAL SCIENCES	PS207	Nuclear Physics and Relativity	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS213	Space Science and Astronomy	ECSAO	O	5.00	2	20	80		
PHYSICAL SCIENCES	PS301	Quantum Physics II	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS302	Statistical Physics	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS305	Semiconductor Physics I	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS307	Wave Optics	ECSAO	O	5.00	1	20	80		
PHYSICAL SCIENCES	PS311	Stellar Physics	ECSAO	O	5.00	1	20	80		
Psychology	PSYC103	Cognition	ECSAO	O	5.00	1	0	100		
Psychology	PSYC203	Experimental Analysis of Behaviour	ECSAO	O	5.00	1	50	50		
SALIS	EN103	English Language Skills:Globalisation	ECSAO	O	5.00	2	100	0	30	30
SALIS	EN104	Debating Skills	ECSAO	O	5.00	1	100	0	33	33
SALIS	EN111	Intermediate English Language Skills 1	ECSAO	O	5.00	1	100	0	35	35
SALIS	EN141	Intermediate English Language Skills 2	ECSAO	O	5.00	2	100	0		
SALIS	EN206	Media and Communication Skills	ECSAO	O	5.00	2	100	0	30	30

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SALIS	EN207	Ireland, Sex and Text	ECSAO	O	5.00	1	100	0		
SALIS	EN222	Advanced English Language Skills 1	ECSAO	O	5.00	1	100	0		
SALIS	EN241	Advanced English Language Skills 2	ECSAO	O	5.00	2	100	0		
SALIS	EN321	English Oral Skills Advanced	ECSAO	O	5.00	2	100	0	44	44
SALIS	EN332	Anglo-Irish Lit: The Novel and Short Story	ECSAO	O	5.00	2	100	0		
SALIS	EN333	Higher Advanced English Language Skills 1	ECSAO	O	5.00	1	100	0	30	30
SALIS	EN341	Higher Advanced English Language Skills 2	ECSAO	O	5.00	2	100	0		
SALIS	EN371	English Language in Use	ECSAO	O	7.50	1	100	0		
SALIS	EN372	English Lang Skills & Intercult Communication	ECSAO	O	5.00	1	100	0	30	30
SALIS	EN373	English for Academic Purposes 1	ECSAO	O	5.00	1	100	0	30	30
SALIS	EN374	English for Academic Purposes 2	ECSAO	O	5.00	2	100	0		
SALIS	EN375	English Reading and Writing Skills	ECSAO	O	5.00	2	100	0		
SALIS	FR103	Intermediate French Language Skills 1	ECSAO	O	5.00	1	100	0		
SALIS	FR104	Intermediate French Language Skills 2	ECSAO	O	5.00	2	100	0		
SALIS	FR130	French Language 3 (Intermediate)	ECSAO	O	10.00	0	100	0		
SALIS	FR140	French Language 4 (Intermediate)	ECSAO	O	5.00	2	100	0		
SALIS	FR142	Introduction to Translation Practice (French)	ECSAO	O	10.00	2	100	0		
SALIS	FR190	French Society and Literature	ECSAO	O	5.00	1	100	0		
SALIS	FR208	French Translation Practice	ECSAO	O	5.00	2	100	0		
SALIS	FR213	Intermediate French Language Skills 3	ECSAO	O	5.00	1	100	0		
SALIS	FR214	Intermediate French Language Skills 4	ECSAO	O	5.00	2	100	0		
SALIS	FR290	French Literature and Film	ECSAO	O	5.00	1	100	0		
SALIS	FR304	French Literature and Society	ECSAO	O	5.00	1	100	0		
SALIS	FR323	Intermediate French Language Skills 5	ECSAO	O	5.00	1	100	0		
SALIS	FR324	Intermediate French 6	ECSAO	O	5.00	2	100	0		
SALIS	FR376	French Language Skills (Higher Intermediate)	ECSAO	O	10.00	0	100	0		
SALIS	GE103	Intermediate German Language Skills 1	ECSAO	O	5.00	1	100	0		
SALIS	GE104	Intermediate German Language Skills 2	ECSAO	O	5.00	2	100	0		
SALIS	GE107	German Language 1 (Beginners)	ECSAO	O	10.00	1	100	0		
SALIS	GE108	German Language 2(Beginners)	ECSAO	O	10.00	2	100	0		
SALIS	GE130	German Language 3(Intermediate)	ECSAO	O	10.00	0	100	0		
SALIS	GE140	German Language 4 (Intermediate)	ECSAO	O	5.00	2	100	0		
SALIS	GE1410	Introduction to Translation Practice (German)	ECSAO	O	10.00	2	100	0		

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SALIS	GE190	German Society and Literature	ECSAO	O	5.00	1	100	0		
SALIS	GE191	German Culture and Society (Beginners)	ECSAO	O	5.00	2	100	0		
SALIS	GE208	German Translation Practice	ECSAO	O	5.00	2	100	0		
SALIS	GE213	Intermediate German Language Skills 3	ECSAO	O	5.00	1	100	0		
SALIS	GE214	Intermediate German Language Skills 4	ECSAO	O	5.00	2	100	0		
SALIS	GE290	German Literature and Film	ECSAO	O	5.00	1	100	0		
SALIS	GE293	German Literature, Visual and Film Studies	ECSAO	O	10.00	2	100	0		
SALIS	GE379	German Language and Contemporary Society	ECSAO	O	10.00	0	100	0		
SALIS	GE426	German Literature and Society	ECSAO	O	5.00	1	100	0		
SALIS	JA191	Japanese Culture and Society	ECSAO	O	5.00	2	100	0		
SALIS	JA193	Japanese Language 1	ECSAO	O	10.00	1	100	0		
SALIS	JA208	Japanese Translation Practice	ECSAO	O	5.00	1	100	0		
SALIS	JA290	Japanese Literature and Film	ECSAO	O	5.00	2	100	0		
SALIS	JA293	Japanese Language 5	ECSAO	O	10.00	0	100	0		
SALIS	JA421	Perspectives on Japanese Culture	ECSAO	O	5.00	1	100	0		
SALIS	LC103	Introduction to Contemporary Irish Society	ECSAO	O	5.00	1	100	0	70	70
SALIS	LC103	Introduction to Contemporary Irish Society	ECSAO	O	5.00	2	100	0	70	70
SALIS	LC107	Interculturalism in Practice	ECSAO	O	5.00	1	100	0		
SALIS	LC112	Introduction to Translation Studies	ECSAO	O	5.00	2	100	0		
SALIS	LC113	Contemporary Cultural Debates	ECSAO	O	5.00	2	100	0		
SALIS	LC150	Introduction to the Study of Language 1	ECSAO	O	5.00	1	100	0		
SALIS	LC152	Introduction to Applied Linguistics	ECSAO	O	5.00	2	100	0		
SALIS	LC2000	Social Innovation and Entrepreneurship	ECSAO	O	5.00	2	100	0		
SALIS	LC202	Global Cultures	ECSAO	O	5.00	2	100	0		
SALIS	LC208	The Making of Contemporary Europe	ECSAO	O	5.00	1	100	0		
SALIS	LC212	Introduction to Text Analysis	ECSAO	O	5.00	1	100	0		
SALIS	LC279	Representing Otherness	ECSAO	O	5.00	1	100	0		
SALIS	LC311	Creativity and the Emerging Future	ECSAO	O	5.00	0	100	0		
SALIS	LC336	Conflict Resolution in Northern Ireland	ECSAO	O	5.00	2	100	0		
SALIS	LC4760	Nationalism and Populism in the 21st Century	ECSAO	O	5.00	1	100	0		
SALIS	LC4770	Issues in Multiculturalism	ECSAO	O	5.00	1	100	0		
SALIS	LC478	Sexualities, Languages and Societies	ECSAO	O	5.00	2	100	0		
SALIS	SP103	Intermediate Spanish Language Skills 1	ECSAO	O	5.00	1	100	0		
SALIS	SP104	Intermediate Spanish Language Skills 2	ECSAO	O	5.00	2	100	0		

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SALIS	SP140	Spanish Language 4 (Intermediate)	ECSAO	O	5.00	2	100	0		
SALIS	SP1410	Introduction to Translation Practice(Spanish)	ECSAO	O	10.00	2	100	0		
SALIS	SP190	Spanish Society and Literature (Intermediate)	ECSAO	O	5.00	1	100	0		
SALIS	SP190	Spanish Society and Literature (Intermediate)	ECSAO	O	5.00	0	100	0		
SALIS	SP191	Spanish Culture and Society (Beginners)	ECSAO	O	5.00	2	100	0		
SALIS	SP208	Spanish Translation Practice	ECSAO	O	5.00	2	100	0		
SALIS	SP213	Intermediate Spanish Language Skills 3	ECSAO	O	5.00	1	100	0		
SALIS	SP214	Intermediate Spanish Language Skills 4	ECSAO	O	5.00	2	100	0		
SALIS	SP290	Spanish Literature and Film	ECSAO	O	5.00	1	100	0		
SALIS	SP293	Spanish Literature, Visual and Film Studies	ECSAO	O	10.00	2	100	0		
SALIS	SP323	Intermediate Spanish Language Skills 5	ECSAO	O	5.00	1	100	0		
SALIS	SP324	Intermediate Spanish Language Skills 6	ECSAO	O	5.00	2	100	0		
SALIS	SP379	Spanish Language and Contemporary Society	ECSAO	O	10.00	0	100	0		
SALIS	SP427	Spanish Literature and Society	ECSAO	O	5.00	1	100	0		
SALIS	ZH107	Chinese Language 1 (Beginners)	ECSAO	O	10.00	1	100	0		
SALIS	ZH108	Chinese Language 2 (Beginners)	ECSAO	O	10.00	2	100	0		
SALIS	ZH191	Chinese Culture and Society	ECSAO	O	5.00	2	100	0		
SALIS	ZH208	Chinese Translation Practice	ECSAO	O	5.00	1	100	0		
SALIS	ZH290	Chinese Literature and Film	ECSAO	O	5.00	2	100	0		
SALIS	ZH292	Chinese Language 3	ECSAO	O	10.00	0	100	0		
SALIS	ZH376	Chinese Language Skills(Higher Intermediate)	ECSAO	O	10.00	0	100	0		
SALIS	ZH401	Chinese Economic Translation	ECSAO	O	5.00	1	100	0		
SALIS	ZH402	Chinese Scientific/Technical Translation	ECSAO	O	5.00	2	100	0		
SALIS	ZH421	Perspectives on Chinese Culture	ECSAO	O	5.00	1	100	0		