

Modules in green - 100% continuous assessment
 Modules in red - description not yet available

ECSAO SStream: Engineering
Academic year 2019 - 2020

Semester 0 - Year Long
 Semester 1 - Fall 2019
 Semester 2 - Spring 2020

School Description	Module Code	Module Title	Qual. Code	Credit	Semester	CA%	Exam %	Quota (Off Type)
ELECTRONIC ENGINEERING	EE201	Digital and Analogue Electronics II	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE202	Embedded Systems	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE203	Circuits	ECSAO	5.00	1	20	80	
ELECTRONIC ENGINEERING	EE206	Operating Systems	ECSAO	5.00	1	15	85	
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	30	70	
ELECTRONIC ENGINEERING	EE223	Digital and Analogue Electronics I	ECSAO	5.00	1	25	75	
ELECTRONIC ENGINEERING	EE224	Data Communications & Networks I	ECSAO	5.00	1	25	75	
ELECTRONIC ENGINEERING	EE303	Mobile Robotics	ECSAO	5.00	2	100	0	
ELECTRONIC ENGINEERING	EE314	Signals	ECSAO	10.00	1	20	80	
ELECTRONIC ENGINEERING	EE317	Computation/Simulation	ECSAO	5.00	1	60	40	
ELECTRONIC ENGINEERING	EE319	Electromechanical Systems	ECSAO	5.00	1	30	70	
ELECTRONIC ENGINEERING	EE322	Analogue Circuits & Design	ECSAO	5.00	2	25	75	
ELECTRONIC ENGINEERING	EE323	Electromagnetism II	ECSAO	5.00	1	20	80	
ELECTRONIC ENGINEERING	EE401	DSP - Digital Filters & DFT	ECSAO	5.00	2	20	80	
ELECTRONIC ENGINEERING	EE402	OOP with Embedded Systems	ECSAO	7.50	1	25	75	
ELECTRONIC ENGINEERING	EE417	Web Application Development	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EE419	Industrial Electronics	ECSAO	5.00	1	25	75	
ELECTRONIC ENGINEERING	EE425	Image Processing & Analysis	ECSAO	5.00	1	25	75	
ELECTRONIC ENGINEERING	EE452	Wireless/Mobile Communications	ECSAO	7.50	1	25	75	
ELECTRONIC ENGINEERING	EE453	Image Processing & Analysis (Plus)	ECSAO	7.50	1	25	75	
ELECTRONIC ENGINEERING	EE458	Control Systems Analysis	ECSAO	5.00	1	15	85	
ELECTRONIC ENGINEERING	EE459	Mechatronic System Simulation & Control	ECSAO	7.50	2	30	70	
ELECTRONIC ENGINEERING	EE463	Solid State Electr. & Semiconductor Devices	ECSAO	7.50	1	20	80	
ELECTRONIC ENGINEERING	EE496	Computer Architecture and HDL	ECSAO	5.00	1	30	70	
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	

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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	EE544	Computer Vision	ECSAO	7.50	2	40	60	
ELECTRONIC ENGINEERING	EE562	Network Stack Implementation	ECSAO	7.50	2	25	75	
ELECTRONIC ENGINEERING	EM113	Introduction to Electronics	ECSAO	5.00	1	40	60	
ELECTRONIC ENGINEERING	EM114	Numerical Problem Solving for Engineers	ECSAO	5.00	2	100	0	
ELECTRONIC ENGINEERING	EM204	Engineering Mathematics IV	ECSAO	5.00	1	30	70	
MECHANICAL ENGINEERING	EM112	Engineering Mechanics-Statics	ECSAO	5.00	2	30	70	
MECHANICAL ENGINEERING	EM115	Materials Engineering	ECSAO	5.00	1	30	70	
MECHANICAL ENGINEERING	EM121	Engineering Mathematics I	ECSAO	5.00	1	25	75	
MECHANICAL ENGINEERING	EM122	Engineering Mathematics II	ECSAO	5.00	2	25	75	
MECHANICAL ENGINEERING	MM203	Mechanics of Machines 1	ECSAO	5.00	2	20	80	
MECHANICAL ENGINEERING	MM211	Strength of Materials I	ECSAO	5.00	1	20	80	
MECHANICAL ENGINEERING	MM225	Design and CADD	ECSAO	5.00	1	100	0	
MECHANICAL ENGINEERING	MM227	Thermofluid Mechanics	ECSAO	5.00	2	20	80	
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	MM252	Manufacturing Processes 1	ECSAO	5.00	1	20	80	
MECHANICAL ENGINEERING	MM281	Engineering Computation	ECSAO	5.00	1	50	50	
MECHANICAL ENGINEERING	MM3002	Project for Exchange / Study Abroad	ECSAO	15.00	1	100	0	
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	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	0	100	0	
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	0	100	0	
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	1	100	0	
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	1	100	0	
MECHANICAL ENGINEERING	MM3003	Project for Exchange / Study Abroad	ECSAO	30.00	2	100	0	
MECHANICAL ENGINEERING	MM306	Mechanics of Machines 2	ECSAO	5.00	1	20	80	
MECHANICAL ENGINEERING	MM307	Measurement & Signal Processing	ECSAO	5.00	1	20	80	
MECHANICAL ENGINEERING	MM309	Project & Quality Management	ECSAO	5.00	1	20	80	

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MECHANICAL ENGINEERING	MM310	Product Design	ECSAO	10.00	0	100	0	
MECHANICAL ENGINEERING	MM344	Group Project	ECSAO	5.00	1	100	0	
MECHANICAL ENGINEERING	MM353	Fundamentals of Control	ECSAO	5.00	2	20	80	
MECHANICAL ENGINEERING	MM354	Lean and 6 Sigma Manufacturing	ECSAO	5.00	1	20	80	
MECHANICAL ENGINEERING	MM382	Data Analytics for Engineers	ECSAO	5.00	1	70	30	
MECHANICAL ENGINEERING	MM401	Mechanical Engineering System Simulation	ECSAO	7.50	2	40	60	
MECHANICAL ENGINEERING	MM409	Adv Eng Materials & Manufacturing Processes	ECSAO	5.00	1	40	60	
MECHANICAL ENGINEERING	MM413	Advanced Bio Materials & Processing Tech.	ECSAO	5.00	1	30	70	
MECHANICAL ENGINEERING	MM421	Finite Element Analysis	ECSAO	7.50	1	40	60	
MECHANICAL ENGINEERING	MM432	Heat Transfer and Fluid Mechanics	ECSAO	7.50	1	30	70	
MECHANICAL ENGINEERING	MM451	Design For Manufacture and Assembly	ECSAO	7.50	2	20	80	
MECHANICAL ENGINEERING	MM453	Manufacturing Automation	ECSAO	5.00	1	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	MM523	Product Design, Development & Value Analysis	ECSAO	7.50	1	20	80	
MECHANICAL ENGINEERING	MM524	Advanced FEA	ECSAO	7.50	2	40	60	
MECHANICAL ENGINEERING	MM530	Surface Engineering & Tribology	ECSAO	7.50	1	20	80	
MECHANICAL ENGINEERING	MM532	Computational Thermo-Fluid Dynamics	ECSAO	7.50	2	50	50	
MECHANICAL ENGINEERING	MM533	Research Practice & Methodology	ECSAO	7.50	1	50	50	
MECHANICAL ENGINEERING	MM584	Manufacturing Systems Simulation	ECSAO	7.50	1	50	50	
HEALTH AND HUMAN PERFORMANCE	SS102	Health & Fitness 1: Theory & Practice	ECSAO	7.50	1	100	0	
HEALTH AND HUMAN PERFORMANCE	SS107	Motor Control & Learning	ECSAO	5.00	2	60	40	
HEALTH AND HUMAN PERFORMANCE	SS125	Technology in Sports Science & Health	ECSAO	5.00	2	100	0	
HEALTH AND HUMAN PERFORMANCE	SS201	Health and Fitness 2	ECSAO	5.00	1	100	0	
HEALTH AND HUMAN PERFORMANCE	SS206	Sport and Exercise Biomechanics 1	ECSAO	5.00	2	30	70	
HEALTH AND HUMAN PERFORMANCE	SS209	Sociology of Sport 2	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFORMANCE	SS238	Genetics & Health	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFORMANCE	SS312	Medicine in Sport	ECSAO	5.00	1	100	0	
HEALTH AND HUMAN PERFORMANCE	SS317	Injury, Exercise and Sport Biomechanics	ECSAO	5.00	2	50	50	
HEALTH AND HUMAN PERFORMANCE	SS405	Coaching and Sports Policy and Planning	ECSAO	5.00	1	100	0	
COMPUTING	CA103	Computer Systems	ECSAO	5.00	1	25	75	
COMPUTING	CA113	Business Applications	ECSAO	5.00	2	100	0	

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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	CA168	Digital World Exam Element	ECSAO	5.00	1	0	100	
COMPUTING	CA1681	Digital World CA Element	ECSAO	5.00	1	100	0	
COMPUTING	CA169	Networks & Internet	ECSAO	5.00	2	50	50	
COMPUTING	CA170	Introduction to Operating Systems	ECSAO	5.00	1	30	70	
COMPUTING	CA172	Problem-solving,Creativity& Critical Thinking	ECSAO	5.00	1	50	50	
COMPUTING	CA200	Quantitative Analysis for Business Decisions	ECSAO	5.00	1	25	75	
COMPUTING	CA208	Logic	ECSAO	5.00	1	50	50	
COMPUTING	CA216	Operating Systems	ECSAO	5.00	2	60	40	
COMPUTING	CA222	Enterprise Information Systems	ECSAO	5.00	1	100	0	
COMPUTING	CA226	Advanced Computer Architectures	ECSAO	5.00	2	40	60	
COMPUTING	CA227B	Business Database Management II	ECSAO	5.00	2	25	75	
COMPUTING	CA266	Probability & Statistics	ECSAO	5.00	2	20	80	
COMPUTING	CA267	Software Testing	ECSAO	5.00	2	25	75	
COMPUTING	CA268	Computer Programming 3 (Data Struct. & Alg.)	ECSAO	5.00	1	30	70	
COMPUTING	CA269	Computer Programming 4 (Object Oriented Prog)	ECSAO	5.00	2	30	70	
COMPUTING	CA274	Programming for Data Analysis	ECSAO	5.00	2	100	0	
COMPUTING	CA279	Professional Practice for Enterprise Comp.	ECSAO	5.00	2	50	50	
COMPUTING	CA296	Compt. Archit. & Assembly Level Programming	ECSAO	10.00	1	40	60	
COMPUTING	CA304	Computer Networks 2	ECSAO	5.00	1	25	75	
COMPUTING	CA314	OO Analysis and Design	ECSAO	5.00	1	25	75	
COMPUTING	CA318	Advanced Algorithms and A.I. Search	ECSAO	5.00	1	25	75	
COMPUTING	CA320	Computability and Complexity	ECSAO	5.00	1	25	75	
COMPUTING	CA341	Comparative Programming Languages	ECSAO	5.00	1	30	70	
COMPUTING	CA348	Business Information Management	ECSAO	5.00	1	50	50	
COMPUTING	CA349	IT Architecture	ECSAO	5.00	1	20	80	
COMPUTING	CA357	User Interface and Completion	ECSAO	5.00	1	100	0	
COMPUTING	CA358	Fundamentals of Software Testing	ECSAO	5.00	1	25	75	
COMPUTING	CA360	Communication Skills	ECSAO	5.00	2	100	0	
COMPUTING	CA377	Programming Fundamentals (Project)	ECSAO	5.00	1	100	0	
COMPUTING	CA392	Project Management	ECSAO	5.00	1	25	75	

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COMPUTING	CA4003	Compiler Construction	ECSAO	7.50	1	30	70	
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	CA4009	Search Technologies	ECSAO	7.50	1	30	70	
COMPUTING	CA4010	Data Warehousing & Data Mining	ECSAO	7.50	1	25	75	
COMPUTING	CA4011	Operations Research	ECSAO	7.50	2	30	70	
COMPUTING	CA4012	Statistical Machine Translation	ECSAO	7.50	2	30	70	
COMPUTING	CA4101	Enterprise Architecture (C)	ECSAO	7.50	1	30	70	
COMPUTING	CA4102	High-Tech. Innovation & Entrepreneurship (C)	ECSAO	7.50	1	100	0	
COMPUTING	CA4103	Service and Supply Chain Management	ECSAO	7.50	2	30	70	
COMPUTING	CA4105	Mechanics of Search & Social Media Strategies	ECSAO	7.50	1	50	50	
COMPUTING	CA4106	Cloud Computing	ECSAO	7.50	2	25	75	
COMPUTING	CA640	Professional & Research Practice	ECSAO	7.50	1	50	50	
COMPUTING	CA642	Cryptography & Number Theory	ECSAO	7.50	1	25	75	
COMPUTING	CA643	Forensic Computing	ECSAO	7.50	2	50	50	
COMPUTING	CA644	System Software	ECSAO	7.50	1	25	75	
COMPUTING	CA645	Network Security	ECSAO	7.50	2	25	75	
COMPUTING	CA646	P-Key Cryptography & Sec Protocols	ECSAO	7.50	2	25	75	
COMPUTING	CA647	Secure Programming	ECSAO	7.50	1	30	70	
COMPUTING	CA648	Formal Programming	ECSAO	7.50	2	25	75	
COMPUTING	CA650	Software Process Quality	ECSAO	7.50	2	25	75	
COMPUTING	CA659	Mathematical Methods/Computational Science	ECSAO	7.50	2	0	100	
COMPUTING	CA660	Statistical Data Analysis	ECSAO	7.50	1	25	75	
COMPUTING	CA670	Concurrent Programming	ECSAO	7.50	2	25	75	
COMPUTING	CA674	Cloud Architectures	ECSAO	7.50	1	25	75	
COMPUTING	CA675	Cloud Technologies	ECSAO	7.50	2	25	75	
COMPUTING	CA682	Data Management and Visualisation	ECSAO	7.50	1	25	75	
COMPUTING	CA683	Data Analytics and Data Mining	ECSAO	7.50	2	25	75	
COMPUTING	CA684	Machine Learning	ECSAO	7.50	2	25	75	
BIOTECHNOLOGY	BE201	Biomolecules and Metabolism	ECSAO	5.00	1	20	80	

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BIOTECHNOLOGY	BE202	Microbiology and Genetics	ECSAO	5.00	2	0	100	
BIOTECHNOLOGY	BE208	Pollution & Biosphere	ECSAO	5.00	1	100	0	
BIOTECHNOLOGY	BE223	Transport Processes	ECSAO	5.00	2	20	80	
BIOTECHNOLOGY	BE224	Bioprocess Engineering Principles	ECSAO	5.00	1	20	80	
BIOTECHNOLOGY	BE226	Cell Biology	ECSAO	5.00	1	0	100	
BIOTECHNOLOGY	BE230	Cell Structure and Function	ECSAO	5.00	1	20	80	
BIOTECHNOLOGY	BE233	Microbiology and Genetics II	ECSAO	5.00	2	20	80	
BIOTECHNOLOGY	BE301	Gene Cloning and Gene Expression	ECSAO	5.00	1	0	100	
BIOTECHNOLOGY	BE309	Immunology & Cell Biology for Engineers	ECSAO	5.00	1	20	80	
BIOTECHNOLOGY	BE310	Comparative Genomics & Developmental Biology	ECSAO	5.00	1	0	100	
BIOTECHNOLOGY	BE322	Bioreactors and Primary Separations	ECSAO	5.00	1	10	90	
BIOTECHNOLOGY	BE401	Industrial Bioprocessing	ECSAO	5.00	1	0	100	
BIOTECHNOLOGY	BE433	Immunology and Immunoanalysis	ECSAO	5.00	1	0	100	
BIOTECHNOLOGY	BE434	Human Inheritance and Population Genetics	ECSAO	5.00	2	0	100	
BIOTECHNOLOGY	BE435	Animal Cell Biotechnology	ECSAO	5.00	2	0	100	
CHEMICAL SCIENCES	CS102	Introductory Chemistry 2	ECSAO	5.00	2	20	80	
CHEMICAL SCIENCES	CS107	Chemistry for Health Related Professions	ECSAO	5.00	1	50	50	
CHEMICAL SCIENCES	CS202	Spectroscopy and Physical Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS204	Organic Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS205	Inorganic Chemistry	ECSAO	5.00	2	0	100	
CHEMICAL SCIENCES	CS206	Bio-organic and Pharmaceutical Chemistry	ECSAO	5.00	2	0	100	
CHEMICAL SCIENCES	CS207	Visualisation & Validation of Laboratory Data	ECSAO	5.00	1	100	0	
CHEMICAL SCIENCES	CS301	Organometallics and Polymer Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS302	Separation Techniques	ECSAO	5.00	1	20	80	
CHEMICAL SCIENCES	CS303	Analytical Spectroscopy	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS306	Regulation and Data Analysis	ECSAO	5.00	2	100	0	
CHEMICAL SCIENCES	CS307	Organic Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS308	Computational and Inorganic Chemistry	ECSAO	5.00	2	100	0	
CHEMICAL SCIENCES	CS311	Medicinal Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS312	Formulation	ECSAO	5.00	2	100	0	
CHEMICAL SCIENCES	CS401	Advanced Spectroscopy	ECSAO	5.00	0	0	100	
CHEMICAL SCIENCES	CS404	Interfacial and Supramolecular Chemistry	ECSAO	5.00	1	0	100	

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CHEMICAL SCIENCES	CS405	Advanced Topics in Organic Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS406	Advanced Inorganic Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS409	Advanced Analytical Applications	ECSAO	5.00	1	100	0	
CHEMICAL SCIENCES	CS414	Advanced Medicinal Chemistry	ECSAO	5.00	1	0	100	
CHEMICAL SCIENCES	CS415	Drug Design workshop	ECSAO	5.00	2	100	0	
CHEMICAL SCIENCES	CS425	Advanced Spectroscopy	ECSAO	10.00	0			
PHYSICAL SCIENCES	PS104	Electricity and Magnetism	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS105	Physical & Thermal Properties of Matter	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS108	The Universe	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS129	Modern Technology 1: Eng. Trans.Elect. Pwr.	ECSAO	5.00	1	0	100	
PHYSICAL SCIENCES	PS130	Modern Technology 2: Elect.&Comms.	ECSAO	5.00	2	0	100	
PHYSICAL SCIENCES	PS201	Quantum Physics I	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS202	Electromagnetism	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS204	Solid State Physics I	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS207	Nuclear Physics and Relativity	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS213	Space Science and Technology	ECSAO	5.00	2	20	80	
PHYSICAL SCIENCES	PS301	Quantum Physics II	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS302	Statistical Physics	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS305	Semiconductor Physics I	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS307	Wave Optics	ECSAO	5.00	1	20	80	
PHYSICAL SCIENCES	PS311	Stellar Physics	ECSAO	5.00	1	20	80	
HEALTH AND HUMAN PERFORMANCE	SS102	Health & Fitness 1: Theory & Practice	ECSAO	7.50	1	100	0	
HEALTH AND HUMAN PERFORMANCE	SS107	Motor Control & Learning	ECSAO	5.00	2	60	40	
HEALTH AND HUMAN PERFORMANCE	SS125	Technology in Sports Science & Health	ECSAO	5.00	2	100	0	
HEALTH AND HUMAN PERFORMANCE	SS201	Health and Fitness 2	ECSAO	5.00	1	100	0	
HEALTH AND HUMAN PERFORMANCE	SS206	Sport and Exercise Biomechanics 1	ECSAO	5.00	2	30	70	
HEALTH AND HUMAN PERFORMANCE	SS209	Sociology of Sport 2	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFORMANCE	SS238	Genetics & Health	ECSAO	5.00	2	40	60	
HEALTH AND HUMAN PERFORMANCE	SS317	Injury, Exercise and Sport Biomechanics	ECSAO	5.00	2	50	50	
HEALTH AND HUMAN PERFORMANCE	SS405	Coaching and Sports Policy and Planning	ECSAO	5.00	1	100	0	
Nursing, Psych & Comm Health	NS127	Introduction to Anthropology	ECSAO	5.00	2	50	50	
Nursing, Psych & Comm Health	NS131	Understanding Intellectual Disability 1	ECSAO	5.00	1	100	0	
Nursing, Psych & Comm Health	NS141	Drugs in Society	ECSAO	5.00	1	100	0	

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Nursing, Psych & Comm Health	NS263	Wellbeing across the lifespan 1	ECSAO	5.00	1	100	0	
Nursing, Psych & Comm Health	NS270	Epidemiology	ECSAO	5.00	1	100	0	
Nursing, Psych & Comm Health	NS272A	Culture, Health and Illness	ECSAO	5.00	2	50	50	55
Nursing, Psych & Comm Health	NS280	Society, Health & Illness	ECSAO	5.00	1	60	40	
Nursing, Psych & Comm Health	NS326	Working for Inclusion	ECSAO	5.00	2	100	0	55
Nursing, Psych & Comm Health	NS329	Sociology of Mental Health	ECSAO	5.00	2	50	50	
Nursing, Psych & Comm Health	NS347	Comparative Health Systems	ECSAO	5.00	2	100	0	
Nursing, Psych & Comm Health	NS370	Challenging Global Health Problems	ECSAO	5.00	2	50	50	
Nursing, Psych & Comm Health	NS390	Health Promotion	ECSAO	5.00	1	100	0	
Nursing, Psych & Comm Health	NS441	Management & Leadership in Prof Practice	ECSAO	5.00	1	100	0	
MATHEMATICAL SCIENCES	MS103	Linear Mathematics I	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS104	Linear Mathematics II	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS111	Mathematical Concepts and Skills	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS112	Differential Calculus	ECSAO	5.00	1	25	75	
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	40	60	
MATHEMATICAL SCIENCES	MS123	Mathematics for Scientists 1	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS124	Mathematics for Scientists 2	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS129	Calculus I	ECSAO	5.00	1			
MATHEMATICAL SCIENCES	MS130	Calculus II	ECSAO	5.00	2			
MATHEMATICAL SCIENCES	MS136	Mathematics for Economics and Business	ECSAO	5.00	1	15	85	
MATHEMATICAL SCIENCES	MS200	Linear Algebra	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS200A	Linear Mathematics	ECSAO	7.50	2	20	80	
MATHEMATICAL SCIENCES	MS205	Calculus of Several Variables	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS211	Introduction to Differential Equations	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS213	Numerical Methods	ECSAO	7.50	1	25	75	
MATHEMATICAL SCIENCES	MS216	Mathematics of Finance:An Introduction	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS217	Linear Algebra	ECSAO	5.00	1	25	75	
MATHEMATICAL SCIENCES	MS221	Calculus of Several Variables	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS223	Probability and Statistics	ECSAO	5.00	2	20	80	
MATHEMATICAL SCIENCES	MS225	Modelling with Differential Equations	ECSAO	5.00	1	10	90	

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MATHEMATICAL SCIENCES	MS231	Analysis	ECSAO	7.50	1	20	80	
MATHEMATICAL SCIENCES	MS232	Probability II	ECSAO	7.50	2	20	80	
MATHEMATICAL SCIENCES	MS241	Geometry:From Shape&Space to Hyperbolic Plane	ECSAO	5.00	1	25	75	
MATHEMATICAL SCIENCES	MS242	Numbers: from the integers to the infinite	ECSAO	5.00	2	25	75	
MATHEMATICAL SCIENCES	MS308A	Stochastic Modelling	ECSAO	7.50	1	25	75	
MATHEMATICAL SCIENCES	MS309	Partial Differential Equations	ECSAO	7.50	1	10	90	
MATHEMATICAL SCIENCES	MS318	Financial Mathematics	ECSAO	7.50	1	25	75	
MATHEMATICAL SCIENCES	MS339	Mechanics	ECSAO	5.00	1	20	80	
MATHEMATICAL SCIENCES	MS406	Coding and Cryptography	ECSAO	7.50	1	20	80	
MATHEMATICAL SCIENCES	MS408	Probability and Finance II (Intermediate)	ECSAO	7.50	1	20	80	
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	MS427	Financial Economics I	ECSAO	7.50	1	25	75	
MATHEMATICAL SCIENCES	MS428	Financial Economics II	ECSAO	7.50	2	25	75	
MATHEMATICAL SCIENCES	MS437	Probability and Finance I (Intermediate)	ECSAO	7.50	1	20	80	
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	
DCU BUSINESS SCHOOL	EF209	Financial Management	ECSAO	5	2	30	70	
DCU BUSINESS SCHOOL	EF318	New Enterprise Development Project	ECSAO	5	1	100	0	
SALIS	EN103	English Language Skills:Globalisation	ECSAO	5.00	2	100	0	30
SALIS	EN104	Debating Skills	ECSAO	5.00	1	100	0	33
SALIS	EN111	Intermediate English Language Skills 1	ECSAO	5.00	1	100	0	35
SALIS	EN141	Intermediate English Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	EN206	Media and Communication Skills	ECSAO	5.00	2	100	0	30
SALIS	EN207	Ireland, Sex and Text	ECSAO	5.00	1	100	0	
SALIS	EN222	Advanced English Language Skills 1	ECSAO	5.00	1	100	0	
SALIS	EN241	Advanced English Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	EN308	Perspectives on Intl Childrens Literature	ECSAO	5.00	1	100	0	
SALIS	EN321	English Oral Skills Advanced	ECSAO	5.00	2	100	0	60
SALIS	EN332	Anglo-Irish Lit.1: The Novel and Short Story	ECSAO	5.00	2	100	0	
SALIS	EN333	Higher Advanced English Language Skills 1	ECSAO	5.00	1	100	0	30

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SALIS	EN341	Higher Advanced English Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	EN371	English Language in Use	ECSAO	7.50	1	100	0	
SALIS	EN372	English Lang Skills & Intercult Communication	ECSAO	5.00	1	100	0	30
SALIS	EN373	Language for Academic Purposes 1	ECSAO	5.00	1	100	0	30
SALIS	EN374	English for Academic Purposes 2	ECSAO	5.00	2	100	0	
SALIS	EN375	English Reading and Writing Skills	ECSAO	5.00	2	100	0	
SALIS	FR103	Intermediate French Language Skills 1	ECSAO	5.00	1	100	0	
SALIS	FR104	Intermediate French Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	FR140	French Language 4 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	FR141	Introduction to Translation Practice (French)	ECSAO	5.00	2	100	0	
SALIS	FR190	French Society and Literature	ECSAO	5.00	1	0	100	
SALIS	FR208	French Translation Practice	ECSAO	5.00	1	0	100	
SALIS	FR219	Representing the city in Text and Image	ECSAO	5.00	2	20	80	
SALIS	FR238	French for International Business 1	ECSAO	5.00	1	100	0	
SALIS	FR250X	French Language 5 (Ex Intermediate)	ECSAO	5.00	1	100	0	10
SALIS	FR262	French for International Business 2	ECSAO	5.00	2	100	0	
SALIS	FR268	French Language 6 (Ex Intermediate)	ECSAO	5.00	2	100	0	
SALIS	FR290	French Literature and Film	ECSAO	5.00	1	0	100	
SALIS	FR304	Memory and Identity	ECSAO	5.00	1	0	100	
SALIS	FR305	French Lang & Culture (Intermediate)	ECSAO	5.00	1	40	60	
SALIS	FR306	French Intermediate Oral Skills	ECSAO	5.00	2	100	0	
SALIS	FR358	French Language 7 (Intermediate)	ECSAO	5.00	1	100	0	
SALIS	FR368	French Language 8 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	FR375	Muticultural Realities the Francophone World	ECSAO	5.00	2	0	100	
SALIS	FR475	French Advanced Oral Skills	ECSAO	5.00	1	100	0	
SALIS	FR478	French Advanced Language	ECSAO	5.00	1	100	0	
SALIS	FR485	French Advanced Writing Skills	ECSAO	5.00	2	60	40	
SALIS	FR488	French Business and Society	ECSAO	5.00	2	100	0	
SALIS	GE103	Intermediate German Language Skills 1	ECSAO	5.00	1	100	0	
SALIS	GE104	Intermediate German Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	GE107	German Language 1 (Beginners)	ECSAO	10.00	1	50	50	
SALIS	GE108	German Language 2(Beginners)	ECSAO	10.00	2	60	40	

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SALIS	GE140	German Language 4 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	GE141	Introduction to Translation Practice (German)	ECSAO	5.00	2	100	0	
SALIS	GE190	German Society and Literature	ECSAO	5.00	1	100	0	
SALIS	GE208	German Translation Practice	ECSAO	5.00	1	0	100	
SALIS	GE238	German for International Business 1	ECSAO	5.00	1	100	0	
SALIS	GE240	German Language 3 (Ex Beginner)	ECSAO	5.00	1	20	80	
SALIS	GE250	German Language 5 (Ex Intermediate)	ECSAO	5.00	1	0	100	
SALIS	GE262	German for International Business 2	ECSAO	5.00	2	100	0	
SALIS	GE267	German Language 4 (Ex Beginner)	ECSAO	5.00	2	50	50	
SALIS	GE268	German Language 6 (Ex Intermediate)	ECSAO	5.00	2	100	0	
SALIS	GE290	German Literature and Film	ECSAO	5.00	2	0	100	
SALIS	GE305	German Lang & Culture (Intermediate)	ECSAO	5.00	1	50	50	
SALIS	GE306	German Intermediate Oral Skills	ECSAO	5.00	2	100	0	
SALIS	GE358	German Language 7 (Intermediate)	ECSAO	5.00	1	100	0	
SALIS	GE368	German Language 8 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	GE402	German Scientific / Technical Translation	ECSAO	5.00	2	0	100	
SALIS	GE426	German Literature and Society	ECSAO	5.00	1	100	0	
SALIS	GE475	German Advanced Oral Skills	ECSAO	5.00	1	100	0	
SALIS	GE478	German Advanced Language	ECSAO	5.00	1	100	0	
SALIS	JA107	Japanese Language 1 (Beginners)	ECSAO	10.00	0	50	50	
SALIS	JA108	Japanese Reading & Writing Skills (Beginners)	ECSAO	5.00	1	50	50	
SALIS	JA127	Japanese Reading & Writing Skills (Inter)	ECSAO	5.00	1	50	50	
SALIS	JA128	Japanese Listening and Speaking Skills (Int)	ECSAO	5.00	2	100	0	
SALIS	JA191	Japanese Culture and Society	ECSAO	5.00	2	100	0	
SALIS	JA208	Japanese Translation Practice	ECSAO	5.00	1	0	100	
SALIS	JA240	Japanese Language 3 (Ex Beginner)	ECSAO	5.00	1	20	80	
SALIS	JA267	Japanese Language 4	ECSAO	5.00	2	50	50	
SALIS	JA421	Perspectives on Japanese Culture	ECSAO	5.00	1	100	0	
SALIS	LC103	Introduction to Contemporary Irish Society	ECSAO	5.00	1	100	0	70
SALIS	LC110	Language Culture and Society	ECSAO	5.00	2	100	0	
SALIS	LC112	Introduction to Translation Studies	ECSAO	5.00	2	0	100	
SALIS	LC113	Contemporary Cultural Debates	ECSAO	5.00	2	40	60	

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SALIS	LC120	Intercultural Communicative Competence I	ECSAO	5.00	1	100	0	70
SALIS	LC2000	Effecting Social Change: Social Innovation	ECSAO	5.00	2	100	0	
SALIS	LC202	Global Cultures	ECSAO	5.00	2	100	0	
SALIS	LC206	Interculturalism in Practice	ECSAO	5.00	1	100	0	
SALIS	LC208X	The Making of Contemporary Europe	ECSAO	5.00	1	100	0	
SALIS	LC212	Textual Studies	ECSAO	5.00	1	0	100	
SALIS	LC212	Textual Studies	ECSAO	5.00	2	0	100	
SALIS	LC279	Representing Otherness	ECSAO	5.00	2	100	0	
SALIS	LC305	Language in use in a connected world	ECSAO	10.00	0	100	0	
SALIS	LC421	The Lang of Bus & the Media across Cultures	ECSAO	5.00	2	100	0	
SALIS	LC4760	Nationalism and Populism in the 21st Century	ECSAO	5.00	1	100	0	
SALIS	LC4770	Issues in Multiculturalism	ECSAO	5.00	1	100	0	
SALIS	LC590	Sex Space and the Monstrous	ECSAO	10.00	1	100	0	
SALIS	SP103	Intermediate Spanish Language Skills 1	ECSAO	5.00	1	100	0	
SALIS	SP104	Intermediate Spanish Language Skills 2	ECSAO	5.00	2	100	0	
SALIS	SP107	Spanish Language 1 (Beginners)	ECSAO	10.00	1	100	0	
SALIS	SP108	Spanish Language 2(Beginners)	ECSAO	10.00	2	60	40	
SALIS	SP140	Spanish Language 4 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	SP141	Introduction to Translation Practice(Spanish)	ECSAO	5.00	2	100	0	
SALIS	SP191	Spanish Culture and Society	ECSAO	5.00	2	100	0	
SALIS	SP201	Spanish Language 3 (Ex Beginner)	ECSAO	5.00	1	50	50	
SALIS	SP202	Spanish Language 4 (Ex Beginner)	ECSAO	5.00	2	100	0	
SALIS	SP208	Spanish Translation Practice	ECSAO	5.00	1	0	100	
SALIS	SP240	Spanish Language 3 (Ex Beginner)	ECSAO	5.00	1	0	100	
SALIS	SP250	Spanish Language 5 (Ex Intermediate)	ECSAO	5.00	1	0	100	
SALIS	SP262	Spanish for International Business 2	ECSAO	5.00	2	100	0	
SALIS	SP267	Spanish Language 4 (Ex Beginner)	ECSAO	5.00	2	100	0	
SALIS	SP268	Spanish Language 6 (Ex Intermediate)	ECSAO	5.00	2	100	0	
SALIS	SP290	Spanish Literature and Film	ECSAO	5.00	2	100	0	
SALIS	SP305	Spanish Language and Culture (Intermediate)	ECSAO	5.00	1	100	0	
SALIS	SP306	Spanish Intermediate Oral Skills	ECSAO	5.00	2	100	0	
SALIS	SP358	Spanish Language 7 (Intermediate)	ECSAO	5.00	1	100	0	

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SALIS	SP368	Spanish Language 8 (Intermediate)	ECSAO	5.00	2	100	0	
SALIS	SP427	Latin America: Society, Literature and Culture	ECSAO	5.00	1	100	0	
SALIS	SP475	Spanish Advanced Oral Skills	ECSAO	5.00	1	100	0	
SALIS	SP478	Spanish Advanced Language	ECSAO	5.00	1	100	0	
SALIS	SP485	Spanish Advanced Writing Skills	ECSAO	5.00	2	0	100	
SALIS	SP488	Spanish Business and Society	ECSAO	5.00	2	100	0	
SALIS	ZH107	Chinese Language 1 (Beginners)	ECSAO	10.00	1	50	50	
SALIS	ZH108	Chinese Language 2 (Beginners)	ECSAO	10.00	2	50	50	
SALIS	ZH191	Chinese Culture and Society	ECSAO	5.00	2	100	0	
SALIS	ZH208	Chinese Translation Practice	ECSAO	5.00	1	100	0	
SALIS	ZH240	Chinese Language 3 (Ex Beginner)	ECSAO	5.00	1	50	50	
SALIS	ZH267	Chinese Language 4	ECSAO	5.00	2	50	50	
SALIS	ZH421	Perspectives on Chinese Culture	ECSAO	5.00	1	100	0	