

Programme	Module	Faculty	Module Title	Credits	Semester
IESAO	CHN1005	Humanities & Social Sciences	Chinese Language 2	10	Full Year
IESAO	CHN1010	Humanities & Social Sciences	Chinese Language Skills 3	10	Full Year
IESAO	FRE1026	Humanities & Social Sciences	French Language Skills 3	10	Full Year
IESAO	GER1004	Humanities & Social Sciences	Intermediate German 1	10	Full Year
IESAO	GER1019	Humanities & Social Sciences	Beginners German 2	10	Full Year
IESAO	GER1029	Humanities & Social Sciences	German Language & Contemporary Society	10	Full Year
IESAO	JPN1006	Humanities & Social Sciences	Japanese Language 2	10	Full Year
IESAO	SPA1035	Humanities & Social Sciences	Spanish Language & Contemporary Society	10	Full Year
IESAO	ASP1005	Science & Health	Stellar Physics	5	Semester 1
IESAO	BCH1003	Science & Health	Biomolecules & Metabolism	5	Semester 1
IESAO	BIO1013	Science & Health	Immunology & Immunoanalysis	5	Semester 1
IESAO	BIO1037	Science & Health	Cell Structure & Function	5	Semester 1
IESAO	BTE1005	Science & Health	Biopro Engineering Principles	5	Semester 1
IESAO	BTE1011	Science & Health	Design & Operation of Bioreactors	5	Semester 1
IESAO	BTE1014	Science & Health	Industrial Bioprocessing	5	Semester 1
IESAO	CHM1005	Science & Health	Chemistry for Health Related Professions	5	Semester 1
IESAO	CHM1009	Science & Health	Spectroscopy and Electorchem	5	Semester 1
IESAO	CHM1010	Science & Health	Organic Chemistry	5	Semester 1
IESAO	CHM1013	Science & Health	Visualisation & Validation of Laboratory Data	5	Semester 1
IESAO	CHM1023	Science & Health	Organometallics & Polymer Chemistry	5	Semester 1
IESAO	CHM1024	Science & Health	Separation Techniques	5	Semester 1
IESAO	CHM1025	Science & Health	Analytical Spectroscopy	5	Semester 1
IESAO	CHM1027	Science & Health	Organic Chemistry	5	Semester 1
IESAO	CHM1029	Science & Health	Medicinal Chemistry	5	Semester 1
IESAO	CHM1036	Science & Health	Chem Intg NanoBioworld	5	Semester 1
IESAO	CHM1037	Science & Health	Adv Topics Organic Chemistry	5	Semester 1
IESAO	CHM1038	Science & Health	Advanced Inorganic Chemistry	5	Semester 1
IESAO	CHM1039	Science & Health	Adv Analytical Applications	5	Semester 1
IESAO	CHM1040	Science & Health	Advanced Medicinal Chemistry	5	Semester 1
IESAO	CHM1059	Science & Health	Advanced Spectroscopy 1	5	Semester 1

IESAO	CHN1000	Humanities & Social Sciences	Chinese Language 1A	10	Semester 1
IESAO	CHN1003	Humanities & Social Sciences	Chinese Translation Practice	5	Semester 1
IESAO	CHN1012	Humanities & Social Sciences	Chinese Economic Translation	5	Semester 1
IESAO	CUS1004	Humanities & Social Sciences	Intro Cont Irish Society	5	Semester 1
IESAO	CUS1005	Humanities & Social Sciences	Interculturalism in Practice	5	Semester 1
IESAO	CUS1008	Humanities & Social Sciences	Intercult Comm Competence	5	Semester 1
IESAO	CUS1021	Humanities & Social Sciences	Ireland, Sex & Text	5	Semester 1
IESAO	CUS1030	Humanities & Social Sciences	Issues in Multiculturalism	5	Semester 1
IESAO	ESL1001	Humanities & Social Sciences	Intermediate English Language Skills 1	5	Semester 1
IESAO	ESL1003	Humanities & Social Sciences	Advanced English Language Skills 1	5	Semester 1
IESAO	ESL1009	Humanities & Social Sciences	English Language in Use	7.5	Semester 1
IESAO	ESL1010	Humanities & Social Sciences	English for Academic Purposes 1	5	Semester 1
IESAO	FRE1000	Humanities & Social Sciences	Intermediate French Language Skills 1	5	Semester 1
IESAO	FRE1005	Humanities & Social Sciences	French Society & Literature	5	Semester 1
IESAO	FRE1007	Humanities & Social Sciences	Interm Fr Language Skills 3	5	Semester 1
IESAO	FRE1012	Humanities & Social Sciences	French Language & Business 1	10	Semester 1
IESAO	FRE1022	Humanities & Social Sciences	French Literature & Society	5	Semester 1
IESAO	FRE1023	Humanities & Social Sciences	Intermediate French Language Skills 5	5	Semester 1
IESAO	GCB1000	Science & Health	Comparative Genomic Dev Biology	5	Semester 1
IESAO	GCB1009	Science & Health	Fundamentals of Molecular Biol	5	Semester 1
IESAO	GER1000	Humanities & Social Sciences	Interm Ger Language Skills 1	5	Semester 1
IESAO	GER1002	Humanities & Social Sciences	Beginners German 1A	10	Semester 1
IESAO	GER1007	Humanities & Social Sciences	Ger Sio Lit (Intermediate)	5	Semester 1
IESAO	GER1010	Humanities & Social Sciences	Interm Ger Language Skills 3	5	Semester 1
IESAO	GER1013	Humanities & Social Sciences	German Literature & Film	5	Semester 1
IESAO	GER1016	Humanities & Social Sciences	German Language & Business 1	10	Semester 1
IESAO	GER1025	Humanities & Social Sciences	Interm Ger Language Skills 5	5	Semester 1
IESAO	GER1032	Humanities & Social Sciences	German Literature & Society	5	Semester 1
IESAO	HEA1009	Science & Health	Epidemiology	5	Semester 1
IESAO	HEA1017	Science & Health	Health Promotion	5	Semester 1
IESAO	HIS1000	Humanities & Social Sciences	Mod Contemporary Europe	5	Semester 1

IESAO	JPN1001	Humanities & Social Sciences	Japanese Language 1A	10	Semester 1
IESAO	JPN1003	Humanities & Social Sciences	Japanese Translation Practice	5	Semester 1
IESAO	JPN1015	Humanities & Social Sciences	Perspectives Japanese Culture	5	Semester 1
IESAO	LIG1011	Humanities & Social Sciences	Intro Study Language 1	5	Semester 1
IESAO	MTH1012	Science & Health	Math Concepts Skills	5	Semester 1
IESAO	MTH1023	Science & Health	Calculus I	5	Semester 1
IESAO	MTH1027	Science & Health	Math Economics Business	5	Semester 1
IESAO	MTH1034	Science & Health	Linear Algebra	5	Semester 1
IESAO	MTH1035	Science & Health	Calculus of Several Variables	5	Semester 1
IESAO	MTH1042	Science & Health	Model Differential Equations	5	Semester 1
IESAO	MTH1043	Science & Health	Analysis 2	7.5	Semester 1
IESAO	MTH1050	Science & Health	Stochastic Modelling	7.5	Semester 1
IESAO	MTH1051	Science & Health	Partial Differential Equations	7.5	Semester 1
IESAO	MTH1052	Science & Health	Financial Mathematics	7.5	Semester 1
IESAO	MTH1056	Science & Health	Prblty Fin II (Intermediate)	7.5	Semester 1
IESAO	MTH1060	Science & Health	Financial Economics I	7.5	Semester 1
IESAO	MTH1063	Science & Health	Prblty Finance (Intermediate)	7.5	Semester 1
IESAO	NUR1003	Science & Health	Wellbeing Across Lifespan 1	5	Semester 1
IESAO	NUR1015	Science & Health	ID Nursing 1	5	Semester 1
IESAO	NUR1093	Science & Health	Nursing Informatics Management	5	Semester 1
IESAO	PHS1000	Science & Health	Intro Physiological Systems	5	Semester 1
IESAO	PHY1033	Science & Health	Quantum Physics I	5	Semester 1
IESAO	PHY1036	Science & Health	Nuclear Physics & Relativity	5	Semester 1
IESAO	PHY1048	Science & Health	Quantum Physics II	5	Semester 1
IESAO	PHY1049	Science & Health	Statistical Physics	5	Semester 1
IESAO	PHY1050	Science & Health	Semiconductor Physics I	5	Semester 1
IESAO	PHY1051	Science & Health	Wave Optics	5	Semester 1
IESAO	POL1088	Humanities & Social Sciences	Natlsm Populism 21st Century	5	Semester 1
IESAO	SPA1000	Humanities & Social Sciences	Interm SPA Language Skills 1	5	Semester 1
IESAO	SPA1007	Humanities & Social Sciences	SPA Sio Lit (Intermediate)	5	Semester 1
IESAO	SPA1010	Humanities & Social Sciences	Interm SPA Language Skills 3	5	Semester 1

IESAO	SPA1013	Humanities & Social Sciences	Spanish Literature & Film	5	Semester 1
IESAO	SPA1016	Humanities & Social Sciences	Spanish Language for Business 1	10	Semester 1
IESAO	SPA1030	Humanities & Social Sciences	Intermediate Spanish Language Skills 5	5	Semester 1
IESAO	SPA1038	Humanities & Social Sciences	Spanish Literature & Society	5	Semester 1
IESAO	ASP1001	Science & Health	Topics in Astrophysics	5	Semester 2
IESAO	ASP1003	Science & Health	Space Science & Astronomy	5	Semester 2
IESAO	BTE1004	Science & Health	Transport Processes	5	Semester 2
IESAO	BTE1021	Science & Health	Animal Cell Biotechnology	5	Semester 2
IESAO	CHM1004	Science & Health	Introductory Chemistry 2	5	Semester 2
IESAO	CHM1011	Science & Health	Inorganic Chemistry	5	Semester 2
IESAO	CHM1012	Science & Health	Bioorganic Pharma Chemistry	5	Semester 2
IESAO	CHM1026	Science & Health	Regulation & Data Analysis	5	Semester 2
IESAO	CHM1028	Science & Health	Comput Inorganic Chemistry	5	Semester 2
IESAO	CHM1030	Science & Health	Formulation	5	Semester 2
IESAO	CHM1041	Science & Health	Drug Design workshop	5	Semester 2
IESAO	CHM1060	Science & Health	Advanced Spectroscopy 2	5	Semester 2
IESAO	CHN1001	Humanities & Social Sciences	Chinese Language 1B	10	Semester 2
IESAO	CHN1002	Humanities & Social Sciences	Chinese Culture & Society	5	Semester 2
IESAO	CHN1004	Humanities & Social Sciences	Chinese Literature & Film	5	Semester 2
IESAO	CHN1013	Humanities & Social Sciences	Cn ScientificTechnical Transl	5	Semester 2
IESAO	CUS1007	Humanities & Social Sciences	Contemporary Cultural Debates	5	Semester 2
IESAO	CUS1010	Humanities & Social Sciences	Global Cultures	5	Semester 2
IESAO	CUS1015	Humanities & Social Sciences	Sex, Languages & Societies	5	Semester 2
IESAO	ECO1021	Humanities & Social Sciences	Social Innovation & Entrepreneurship	5	Semester 2
IESAO	ESL1000	Humanities & Social Sciences	English Language Skills & Globalisation	5	Semester 2
IESAO	ESL1002	Humanities & Social Sciences	Intermediate English Language Skills 2	5	Semester 2
IESAO	ESL1004	Humanities & Social Sciences	Advanced English Language Skills 2	5	Semester 2
IESAO	ESL1007	Humanities & Social Sciences	English Oral Skills Advanced	5	Semester 2
IESAO	ESL1012	Humanities & Social Sciences	English Reading & Writing Skills	5	Semester 2
IESAO	FRE1003	Humanities & Social Sciences	Intermediate French 1A	5	Semester 2
IESAO	FRE1006	Humanities & Social Sciences	French Translation Practice 2	5	Semester 2

IESAO	FRE1008	Humanities & Social Sciences	Interm Fr Language Skills 4	5	Semester 2
IESAO	FRE1013	Humanities & Social Sciences	French Language & Business 2	10	Semester 2
IESAO	FRE1024	Humanities & Social Sciences	Intermediate French 6	5	Semester 2
IESAO	GCB1002	Science & Health	Genetics of Human Inheritance	5	Semester 2
IESAO	GCB1007	Science & Health	Microbiology & Genetics	5	Semester 2
IESAO	GCB1008	Science & Health	Microbiology & Genetics II	5	Semester 2
IESAO	GER1001	Humanities & Social Sciences	Interm Ger Language Skills 2	5	Semester 2
IESAO	GER1003	Humanities & Social Sciences	Beginners German 1B	10	Semester 2
IESAO	GER1005	Humanities & Social Sciences	Intermediate German 1A	5	Semester 2
IESAO	GER1008	Humanities & Social Sciences	Ger Cult Society (Beginners)	5	Semester 2
IESAO	GER1009	Humanities & Social Sciences	German Translation Practice 2	5	Semester 2
IESAO	GER1011	Humanities & Social Sciences	Interm Ger Language Skills 4	5	Semester 2
IESAO	GER1017	Humanities & Social Sciences	German Language & Business 2	10	Semester 2
IESAO	GER1026	Humanities & Social Sciences	Interm Ger Language Skills 6	5	Semester 2
IESAO	HEA1010	Science & Health	Anthropology, Health & Illness	5	Semester 2
IESAO	HEA1013	Science & Health	Comparative Health Systems	5	Semester 2
IESAO	HEA1028	Science & Health	Drugs in Society	5	Semester 2
IESAO	JPN1000	Humanities & Social Sciences	Japanese Culture & Society	5	Semester 2
IESAO	JPN1002	Humanities & Social Sciences	Japanese Language 1B	10	Semester 2
IESAO	JPN1005	Humanities & Social Sciences	Japanese Literature & Film	5	Semester 2
IESAO	LIG1012	Humanities & Social Sciences	Intro Applied Linguistics	5	Semester 2
IESAO	MTH1003	Science & Health	Time Series Intermediate)	7.5	Semester 2
IESAO	MTH1022	Science & Health	Mathematics for Scientists 2	5	Semester 2
IESAO	MTH1024	Science & Health	Calculus II	5	Semester 2
IESAO	MTH1036	Science & Health	Intro Differential Equations	5	Semester 2
IESAO	MTH1037	Science & Health	Numerical Methods	7.5	Semester 2
IESAO	MTH1044	Science & Health	Probability II	7.5	Semester 2
IESAO	MTH1058	Science & Health	Fxd Inc Sctys (Intermediate)	7.5	Semester 2
IESAO	MTH1059	Science & Health	Stoch Finance (Intermediate)	7.5	Semester 2
IESAO	MTH1080	Science & Health	Probability & Statistics	5	Semester 2
IESAO	NUR1189	Science & Health	Working for Inclusion	5	Semester 2

IESAO	PHY1019	Science & Health	Electricity & Magnetism	5	Semester 2
IESAO	PHY1020	Science & Health	Phy Thermal Properties Matter	5	Semester 2
IESAO	PHY1034	Science & Health	Electromagnetism	5	Semester 2
IESAO	SOC1007	Science & Health	Introduction to Anthropology	5	Semester 2
IESAO	SPA1001	Humanities & Social Sciences	Interm SPA Language Skills 2	5	Semester 2
IESAO	SPA1005	Humanities & Social Sciences	Intermediate Spanish 1A	5	Semester 2
IESAO	SPA1008	Humanities & Social Sciences	SPA Cult Society (Beginners)	5	Semester 2
IESAO	SPA1009	Humanities & Social Sciences	Spanish Translation Practice 2	5	Semester 2
IESAO	SPA1011	Humanities & Social Sciences	Interm SPA Language Skills 4	5	Semester 2
IESAO	SPA1017	Humanities & Social Sciences	Spanish Language for Business 2	10	Semester 2
IESAO	SPA1031	Humanities & Social Sciences	Intermediate Spanish Language Skills 6	5	Semester 2
IESAO	TRA1002	Humanities & Social Sciences	Introduction to Translation Studies	5	Semester 2