

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
ACT 201	ACCT 1006	Accounting and Financial Management	Sydney	Australia	IES	Spring 2014
BIO 201	PHSL 2101	Physiology	Sydney	Australia	IES	Spring 2015
BIO 205	BL 3171	Evolution	Sydney	Australia	IES	Spring 2015
BIO 220	BL 2016	Cell Biology	Sydney	Australia	IES	Spring 2010
BIO 250	BIOC 2081	Fundamentals of Biochemistry	Sydney	Australia	IES	Spring 2012
BIO 250	BC 2072	Human Bio Chemistry	Sydney	Australia	IES	Spring 2014
BME 210	ELEC1103	Fundamentals of Electrical and Electronic Engineering	Sydney	Australia	IES	Spring 2015
BME 221	MT 2089	Numerical Methods & Statistics	Sydney	Australia	IES	Spring 2015
BME 221	MT 2802	Applied Maths for Chemical Engineers	Sydney	Australia	IES	Spring 2013
BME 221	MATH 2084	Mathematical Methods & Statistics	Sydney-NSW	Australia	IES	Spring 2012
BME 230	ELEC 2302	Signals and Systems	Sydney	Australia	IES	Fall 2014
BME 230	EN 2302	Signals and System	Sydney	Australia	IES	Fall 2015
CHE 113	EN 1103	Material and Energy Transformation Intro	Sydney	Australia	IES	Fall 2014
CHE 113	EN 1103	Material and Energy Transformations Intro	Sydney	Australia	IES	Fall 2014
CHE 204	CHNG 5701	Foundations of	Sydney	Australia	IES	Fall 2014
CHE 225	CEIC 2000	Material and Energy Systems	Sydney-NSW	Australia	IES	Spring 2012
CHE 225	EN 2200	Thermodynamics and Fluids	Sydney	Australia	IES	Fall 2014
CHE 225	EN 2005	Chemical Reaction Engineering	Sydney	Australia	IES	Fall 2014
CHE 225	CHNG2804	Chemical and Biological Systems Behavior	Sydney	Australia	Exchange	Fall 2016
CHE 231	EN 2005	Chemical Reaction Engineering	Sydney-NSW	Australia	IES	Fall 2014
CHE 243	CHNG 2801	Conservation of Transport Processes	Sydney	Australia	IES	Spring 2015
CHE 243	EN2801	Conservation and Transport Process	Sydney	Australia	IES	Spring 2015
CHE 243	AMME2261	Fluid Mechanics 1	Sydney	Australia	Exchange	Spring 2016
CHE 244	EN 2002	Heat and Mass Transfer	Sydney	Australia	IES	Fall 2014
CHE 244	MECH3260	Thermal Engineering	Sydney	Australia	Exchange	Fall 2016
CHE 250	EN3001	Advanced Thermodynamics & Separation	Sydney-NSW	Australia	IES	Fall 2012
CHE 250	CEIC 3001	Separation Processes	Sydney-NSW	Australia	IES	Spring 2012
CHM 103	CH 1021	Essentials of Chemistry 1B	Sydney-NSW	Australia	IES	Fall 2009
CHM 131	CH 1011	Chemistry A: Atoms, Molecules and Energy	Sydney	Australia	IES	Spring 2013
CHM 204	CHM3829	Organic Chemistry	Sydney-NSW	Australia	IES	Spring 2013
CHM 251	CHEM 3011	Physical Chemistry	Sydney-NSW	Australia	IES	Spring 2012
CSC 242	COMP 3308	Introduction to Artificial Intelligence	Sydney	Australia	IES	Summer 2014
CSC 248	COMP 5046	Statistical Natural Language	Sydney	Australia	IES	Summer 2014
CSC 252	COMP 226	Computer Architecture	Sydney-Macquarie	Australia	IES	Fall 2011
CSC 254	CS 332	Programming Languages	Sydney	Australia	IES	Fall 2014
CSC 256	COMP 3520	Operating Systems Internals	Sydney	Australia	IES	Spring 2014
CSC 282	CS 333	Algorithm Theory and Design	Sydney	Australia	IES	Fall 2014
CSC 380	COMP 2022	Format Languages and Logic	Sydney	Australia	IES	Spring 2014
ECE 111	EN 1112	Electrical Circuits	Sydney	Australia	IES	Spring 2015
ECE 200	CS 3211	Computer Architecture	Sydney	Australia	IES	Spring 2013
ECE 210	EN 1103	Foundations of Electronic Engineering	Sydney	Australia	IES	Spring 2008
ECE 210	EN 1111	Electrical & Telecommunications Engineering	Sydney	Australia	IES	Spring 2008
ECE 210	ELEC 2031	Circuits & Systems	Sydney-NSW	Australia	IES	Spring 2007
ECE 210	ELEC 2134	Circuits & Signals	Sydney-NSW	Australia	IES	Spring 2015
ECE 210	ECEC 2134	Circuits and Signals	Sydney	Australia	IES	Spring 2015
ECE 210	EN 1112	Electrical Circuits	Sydney	Australia	IES	Spring 2015
ECE 210	EN 1112	Electrical Circuits	Sydney	Australia	IES	Spring 2015

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
ECE 216	COMP 2121	Microprocessors & Interfacing	Sydney-NSW	Australia	IES	Spring 2008
ECE 222	ELEC 3106	Electronics	Sydney-NSW	Australia	IES	Spring 2013
ECE 230	ELEC3115	Electromagnetic Engineering	Sydney-NSW	Australia	IES	Spring 2008
ECE 230	EN3405	Communications Electronics	Sydney	Australia	IES	Fall 2015
ECE 241	EN2302	Signals and Systems	Sydney	Australia	IES	Fall 2015
ECE 242	ELEC3505	Communications	Sydney	Australia	IES	
ECE 242	TELE3113	Analog and Digital Communications	Sydney-NSW	Australia	IES	*
ME 121	ZEIT 1502	Dynamics	Sydney-NSW	Australia	IES	Fall 2012
ME 123	EN 2700	Thermodynamics	Sydney	Australia	IES	Spring 2013
ME 123	PY 2700	Thermodynamics	Sydney-NSW	Australia	IES	Spring 2015
ME 211	CS 1901	Computational Science in Matlab	Sydney	Australia	IES	Fall 2010
ME 211	MT 2089	Numerical Methods & Statistics	Sydney	Australia	IES	Fall 2009
ME 213	EN 3200	Linear Systems & Controls	Sydney	Australia	IES	Spring 2015
ME 213	MMAN 3200	Linear Systems & Controls	Sydney	Australia	IES	Spring 2015
ME 213	MECH 4705	Advanced Vibration Analysis	Sydney-NSW	Australia	IES	Spring 2012
ME 213	MECH 4305	Fundamental and Advanced Vibration	Sydney	Australia	IES	Spring 2016
ME 223	MECH 3610	Advanced Thermofluids	Sydney	Australia	IES	Spring 2015
ME 225	EN 2200	Thermodynamics & Fluids	Sydney	Australia	IES	Fall 2010
ME 225	MMAN 2600	Fluid Mechanics	Sydney	Australia	IES	Fall 2012
ME 225	EN 2260	Fluid Mechanics	Sydney-NSW	Australia	IES	Fall 2009
ME 225	EN 3261	Fluid Mechanics 2	Sydney	Australia	IES	Spring 2014
ME 226	EN 2201	Structural Mechanics	Sydney	Australia	IES	Spring 2012
ME 226	EN 2301	Mechanics of Solids	Sydney	Australia	IES	Spring 2012
ME 280	EN 3362	Materials 2	Sydney	Australia	IES	Fall 2010
ME 280	MATS 1101	Engineering Materials & Chemistry	Sydney-NSW	Australia	IES	Fall 2012
MTH 163	MATH 3063	Biomaths and Differential Equations	Sydney	Australia	IES	Spring 2012
MTH 164	MT 2061	Linear Mathematics & Vector Calculus	Sydney	Australia	IES	Spring 2015
MTH 165	MT 2061	Linear Mathematics & Vector Calculus	Sydney	Australia	IES	Spring 2012
MTH 201	STAT 273	Introduction to Probability	Sydney-Macquarie	Australia	IES	Fall 2011
MTH 230	MT 3062	Algebra & Number Theory	Sydney	Australia	IES	Spring 2010
MTH203	MT2801	Theory of Statistics	Sydney	Australia	IES	Spring 2015
MUR 101	MUSC 1602		Sydney	Australia	IES	Spring 2015
NSC 245	NEUR 3010	Muscle and Motor Control	Sydney-NSW	Australia	IES	Spring 2012
OPT 223	PHYS2111	Quantum Physics & Laboratory	Sydney-NSW	Australia	IES	Spring 2015
OPT 262	PY 3941	Electromagnetism & Special Projects	Sydney	Australia	IES	Spring 2008
OPT 262	PY 3940	Electromagnetism	Sydney	Australia	IES	Spring 2011
OPT 262	EN 3115	Electromagnetic Engineering	Sydney-NSW	Australia	IES	Spring 2013
OPT 287	MT 2962	Real & Complex Analysis	Sydney	Australia	IES	Spring 2008
OPT233	PY2110	Quantum Physics and Laboratory	Sydney	Australia	IES	Spring 2015
PHY 122	PY 1003	Physics 1 (Technological)	Sydney	Australia	IES	Fall 2014
SA 141	AWSS 2023	Photography 1	Sydney	Australia	IES	Spring 2014
Tech Elective	MMAN 1130	Design & Manufacturing	Sydney	Australia	IES	Spring 2007
Tech Elective	SOLA 2060	Photovoltaics & Solar Energy	Sydney-NSW	Australia	IES	Spring 2010
Tech Elective	ES 2750	Peak Carbon: Climate Change & Everyday Policy	Sydney	Australia	IES	Fall 2009
Tech Elective	SOLA 2020	Photovoltaic Technologies & Manu	Sydney	Australia	IES	Fall 2010
ECE 210	EEB 221	A.C. Circuit Principles II	Gaborone	Botswana	CIEE	Spring 2010
ECE 210	ELEC 328	Electronics for Designers	Gaborone	Botswana	CIEE	Spring 2011

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
ME 123	BOTS 323	Thermodynamics	Gaborone	Botswana	CIEE	*
ME 226	BOTS 221	Introduction to Solid Mechanics	Gaborone	Botswana	CIEE	*
MTH 163	MAT 292	Engineering Mathematics II	Gaborone	Botswana	CIEE	Spring 2011
Tech Elective	DTB 222	Graphics	Gaborone	Botswana	CIEE	Spring 2010
BME 210	ELEC2400	Electronic Circuits	Hong Kong	China	Exchange	Spring 2016
BME 218	BMEG3330	Neuroengineering Fundamentals	Hong Kong (CUHK)	China	Exchange	Spring 2014
BME 230	ELEC 2100	Signals and Systems	Hong Kong (HKUST)	China	Exchange	Fall 2014
BME 230	ENGG2030	Signals and Systems	Hong Kong (CUHK)	China	Exchange	Spring 2014
BME 230	ECEC 2100	Signals and Systems	Hong Kong	China	Exchange	Fall 2014
CHE 225	CENG 2210	Chemical Engineering Thermodynamics	Hong Kong	China	Exchange	*
CHE 231	CENG 3230	Reaction and Reactor Engineering	Hong Kong	China	Exchange	*
CHE 243	MECH2210	Fluid Mechanics	Hong Kong	China	Exchange	Spring 2016
CHE 244	CENG 3220	Heat and Mass Transfer	Hong Kong	China	Exchange	*
CHE 244	MECH3310	Heat Transfer	Hong Kong	China	Exchange	Fall 2016
CHE 250	CENG 3210	Separation Processes	Hong Kong	China	Exchange	Fall 2016
CHM 131		Chemistry	Shanghai	China	Non - UR	Full Year 2009-1
ECE 200	ELEC2300	Computer Organization	Hong Kong	China	Exchange	Spring 2016
ECE 220	ELEC 2300	Computer Organization	Hong Kong (HKUST)	China	Exchange	Spring 2016
ECE 221	ELEC 3500	Microelectronic Devices and Technology	Hong Kong (HKUST)	China	Exchange	Fall 2014
ECE 230	ELEC3600	Electromagnetics: From Wireless to Photonic Applications	Hong Kong (HKUST)	China	Exchange	Spring 2016
ECE 241	ELEC 2100	Signals and Systems	Hong Kong (HKUST)	China	Exchange	
ECE 246	ELEC 3110	Digital Signal Processing	Hong Kong (HKUST)	China	Exchange	
ME 280	CENG1500	Material Science and Application	Hong Kong	China	Exchange	Fall 2016
MTH 161		Mathematics	Shanghai	China	Non-UR	Full Year 2009-1
MTH 164	MATH 375	Multivariable Calculus	Guangzhou	China	non-UR	Summer 2013
MTH 165	MAT 21	Linear Algebra	Nanjing	China	CIEE	Summer 2013
PHY 121		Physics	Shanghai	China	Non - UR	Full Year 2009-1
PHY 122	PHY 3033	Electricity and Magnetism I	Hong Kong	China	Exchange	*
EES 219		Renewable Energy	Copenhagen	Denmark	DISA	Spring 2013
EES 320		Integrated Sustainability	Copenhagen	Denmark	DISA	Summer 2013
CHE 225	CHEM 303	Thermodynamics	Cairo	Egypt	AUC	Fall 2009
CHM 203	CHEM 203	Organic Chemistry I	Cairo	Egypt	AUC	Fall 2009
ECE 216	EENG 352	Basic Organization of Computer Systems	Cairo	Egypt	AUC	Spring 2008
ECE 222	EENG 316	Electronics II: Analog Circuits	Cairo	Egypt	AUC	Spring 2012
ACC 221	BUS 022	Managerial Accounting	London	England	IES	Spring 2015
BIO 250	BC 017	Basic Biochemistry	London (Queen Mary)	England	IES	Spring 2013
BME 230	EENG21000	Signals and Systems	Bristol	England	Exchange	Fall 2016
CHE 225	17125	Chemical Engineering Thermodynamics	Birmingham	England	Exchange	Fall 2014
CHE 244	11992	Mass, Heat and Momentum Transport	Birmingham	England	Exchange	Fall 2014
CHM 203/207		Organic Chemistry I	London (City U.)	England	IES	Spring 2010
CHM 204/208		Organic Chemistry II	London (City U.)	England	IES	Spring 2010
CSC 170	COMS 32500	Web Technologies	Bristol	England	IES	Spring 2014
CSC 210	COMS 32500	Web Technologies	Bristol	England	Exchange	Spring 2014
CSC 256	CS 2011	Networks and Operating Systems	London (City U.)	England	IES	Spring 2013
CSC 256/257	IN 2011	Networks and Operating Systems	London (City U.)	England	IES	Spring 2010

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
CSC 258	IN 2004	Distributed Systems	London (City U.)	England	IES	Spring 2010
CSC 261	COMS 20700	Databases	Bristol	England	Exchange	Spring 2014
CSC 290	IN 1005	Software Engineering	London (City U.)	England	IES	Spring 2010
CSC 290	COMS 21202	Symbols, Patters, and Signals	Bristol	England	Exchange	Spring 2014
CSC 294	COMS 30106	Artificial Intelligence and Logic Programming	Bristol	England	Exchange	Spring 2014
CSC 296	CS 3001	Advanced Databases	London (City U.)	England	IES	Spring 2013
CSC 296	COMS 20700	Databases	Bristol	England	Exchange	Spring 2014
ECE 210	EENG 16000	Electronics 1	Bristol	England	Exchange	Spring 2015
ECE 210	EENG 17300	Electrical Systems Eng	Bristol	England	Exchange	Spring 2015
ECE 221	ELEC 2002	Electronic Circuits II	London (City U.)	England	IES	Spring 2013
ECE 221	ELE303	Elec. Devices and Apps	London (Queen Mary)	England	IES	Spring 2013
ECE 221	EENG26000	Electronics 2	Bristol	England	Exchange	Fall 2016
ECE 230	ELEC2006	Fields and Waves in Elect. Sys	London (City U.)	England	IES	Spring 2013
ECE 230	ELE366	Microwave and Optical Trans.	London (Queen Mary)	England	IES	Spring 2013
ECE 241	ELE374	Signals and Systems Theory	London (Queen Mary)	England	IES	Fall 2012
ECE 241	EENG21000	Signals and Systems	Bristol	England	Exchange	Fall 2016
ECE 242	ELE444	Communication Systems Electronics	London (Queen Mary)	England	IES	Spring 2013
ECE 270	MTH4107	Intro to Probability	London (Queen Mary)	England	IES	Fall 2012
ECO 270	ECN 270	International FInance	London	England	IES	Spring 2015
ECO 271	ECN 374	Behavioral Econ	London	England	IES	Spring 2014
ME 123	EN 107	Thermodynamics I	London (Queen Mary)	England	IES	Spring 2013
ME 213	EN 211	Vibrations and Control of Dynamic Systems	London (Queen Mary)	England	IES	Fall 2010
ME 213	MENG 26004	Mechatronics	Bristol	England	Exchange	Spring 2015
ME 213	AENG 21301	Vibratons 2	Bristol	England	Exchange	Spring 2015
ME 223	MENG 31101	Heat Transfer	Bristol	England	Exchange	Spring 2015
ME 280	EN100	Materials Science	London (Queen Mary)	England	IES	Fall 2010
MTH 203	EC 121	Statistical Methods in Economics	London (Queen Mary)	England	IES	Spring 2010
MTH 211	MTH 772P	Calculus	London	England	IES	Spring 2015
ME 223	EN 0330L141	Energy, Impulse & Mass Transfer I	Berlin	Germany	IES	Spring 2012
2XX Course Equiv	BMEVISZA079	Algorithms and Data Structures	Budapest	Hungary	Exchange	Spring 2015
2XX Course Equiv	BMEVISZA090	Semantic and Declarative Technologies	Budapest	Hungary	Exchange	Spring 2015
2XX Course Equiv	BMEVIAUM125	Mobile Software	Budapest	Hungary	Exchange	Spring 2015
2XX Course Equiv	BMEVISZA34	USER INTERFACE DESIGN	Budapest	Hungary	Exchange	Spring 2016
2XX Course Equiv	BMEVISZA085	Design Workshop	Budapest	Hungary	Exchange	Spring 2016
2XX Course Equiv	BMEVISZA082	Computer Graphics	Budapest	Hungary	Exchange	Spring 2016
2XX Course Equiv	BMEVISZA029	Computer Vision Applicaton for digital Cinema	Budapest	Hungary	Exchange	Spring 2016
CSC 174	BMEVISZA034	User Interface Design	Budapest	Hungary	Exchange	Fall 2016
CSC 200	BMEVISZA087	IT Entrepreneurship	Budapest	Hungary	Exchange	Spring 2015
CSC 200	BMEVISZA090	Semantic and Declarative Technologies	Budapest	Hungary	Exchange	Spring 2015
CSC 200	BMEVISZA087	IT Entrepreneurship	Budapest	Hungary	Exchange	Fall 2015
CSC 214	BMEVIAUM125	Mobile Software	Budapest	Hungary	Exchange	Fall 2016
CSC 240	BMEVISZA083	Data Mining Part 1	Budapest	Hungary	Exchange	Spring 2016
CSC 240	BMEVISZA084	Data Mining Part 2	Budapest	Hungary	Exchange	Spring 2016
CSC 249	BMEVISZA092	Computer Vision for Digital Film Post-Production	Budapest	Hungary	Exchange	Spring 2013
CSC 280	BMEVISZA081	Theory of Computing	Budapest	Hungary	Exchange	Spring 2015
CSC 281	BMEVIHIA030	Applied Cryptography	Budapest	Hungary	Exchange	Fall 2015
CSC 282	BMEVISZA083	Algorithmic and Data Structure	Budapest	Hungary	Exchange	Fall 2016

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
CSC 282	BMEVISZA079	Algorithms and Data Structure	Budapest	Hungary	Exchange	Spring 2015
CSC 296	BMEVIAUM125	Mobile Software Development	Budapest	Hungary	Exchange	Fall 2015
BME 221	MT 230	Introduction to Numerical Methods	Dublin	Ireland	IES	Spring 2015
CHE 225	CH 3036	Chemical Thermodynamics	Dublin	Ireland	IES	Spring 2011
CHE 244	CH 4405	Process Technology 2	Limerick	Ireland	Non-UR	Fall 2014
CHM 204	CH 2102	Advanced Organic Chemistry II	Dublin	Ireland	IES	Spring 2013
CSC 254	CS 3071	Compiler Design 1	Dublin	Ireland	IES	Fall 2014
CSC 290	CS 4053	Computer Vision	Dublin	Ireland	IES	Fall 2014
ECE 210	EM 102	Engineering Systems- Circuits	Dublin	Ireland	IES	Spring 2009
ECE 210	EN322	Analogue Circuits and Design	Dublin	Ireland	IES	Spring 2016
MB1 220	BL 2205	Microbiology	Dublin	Ireland	IES	Spring 2013
ME 123	EM 102	Engineering Systems- Thermodynamics	Dublin	Ireland	IES	Spring 2009
ME 202	MS 206	Complex Analysis w/Application	Dublin	Ireland	IES	Spring 2009
ME 213	EN 353	Fundamentals of Control	Dublin	Ireland	IES	Spring 2014
ME 213	MM 401	Mechanical Engineering Systems Simulation	Dublin	Ireland	IES	Spring 2014
ME 213	EE 207	Systems	Dublin	Ireland	IES	Spring 2014
ME 213	EN232	Pneumatics and Controls	Dublin	Ireland	IES	Spring 2016
ME 223	EN223	Transport Processes	Dublin	Ireland	IES	Spring 2016
ME 223	EN227	Thermofluid Mechanics	Dublin	Ireland	IES	Spring 2014
MTH 201	MT 117	Probability	Dublin	Ireland	IES	Spring 2013
MTH 280	MT 230	Introduction to Numerical Methods	Dublin	Ireland	IES	Spring 2013
ECE 241	31420	Signals and Systems	Karmiel	Israel	ORT	Fall 2013
ME 204	35022	Finite Elements for Engineering Analysis	Haifa (Technion)	Israel	Exchange	Spring 2012
ME 213	84730	Dynamic Systems	Haifa (Technion)	Israel	Exchange	Spring 2012
ME 223	34014	Heat Transfer	Haifa (Technion)	Israel	Exchange	Spring 2012
EES 204		Mineralogy	Bologna	Italy	Brown Non - UR	Spring 2013
CLT 254	GO 305	Modern Japanese Fiction and Translation	Tokyo	Japan	Exchange	Fall 2014
CSC 210		Intro to Web Programming	Tokyo	Japan		Fall 2014
MTH 163	MI 409	Differential Equations	Tokyo	Japan		Fall 2014
200-Level Bio Elec	BL 212	Marine Biology	Christchurch	New Zealand	IES	Spring 2015
200-Level Bio Elec	BL 250	Princ of Animal Physiology	Christchurch	New Zealand	IES	Spring 2015
BIO 198	BIOSCI 202	Genetics	Auckland	New Zealand	IES	Fall 2014
BIO 198	BL 202	Genetics	Auckland	New Zealand	IES	Fall 2016
BIO Elective	BL 2071	Molecular Biology Genomics	Christchurch	New Zealand	IES	Spring 2014
BME 230	EN 303	Systems and Control	Auckland	New Zealand	IES	Fall 2016
CHE 113	EN232	Process Design	Auckland	New Zealand	IES	Fall 2016
CHE 116	ENCN 305	Computer Programming & Stochastic	Christchurch	New Zealand	IES	Spring 2015
CHE 225	CH 212	Energy and Processing	Auckland	New Zealand	IES	Fall 2016
CHE 243	EN 293	Fluid Mechanics I	Christchurch	New Zealand	IES	Spring 2013
CHE 244	CH213	Transfer Processes I	Auckland	New Zealand	IES	Fall 2016
CHE 250	CHEM MAT 312	Transfer Processes 2	Auckland	New Zealand	IES	Spring 2012
CHE 250	ENCH 360	Separations	Christchurch	New Zealand	IES	Spring 2008
CHE 277	ES 201	Sustaining Our Environment	Auckland	New Zealand	IES	Spring 2008
CHM 131	CHEM 111	Chemical Principles and Processes	Christchurch	New Zealand	IES	Fall 2014
CHM 203	CHEM 110	Chemistry of the Living World	Auckland	New Zealand	IES	Fall 2012
CHM 211	CHEM 220	Inorganic Chemistry	Auckland	New Zealand	IES	Spring 2012

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
CHM 251	CH 310	Structural Chemistry & Spectroscopy	Auckland	New Zealand	IES	Fall 2011
CSC 161	CS 121	Introduction to Computer Programming	Christchurch	New Zealand	IES	Spring 2012
CSC 242	CompSci 367	Artificial Intelligence	Auckland	New Zealand	IES	Spring 2009
CSC 252	736310	Computer Architecture	Auckland	New Zealand	IES	Spring 2016
CSC 254	CS 261	Formal Languages and Compilers	Christchurch	New Zealand	IES	Spring 2014
CSC 261	INFS601	Logical Database Design	Auckland	New Zealand	IES	Spring 2016
CSC 280	CompSci 350	Mathematical Foundations of CSC	Auckland	New Zealand	IES	Spring 2009
CSC 290	CS 201	Software Engineering I	Christchurch	New Zealand	IES	Spring 2014
CSC 290C	Comp Sci 351	Databases	Auckland	New Zealand	IES	Spring 2009
ECE 210	ELECTENG 208	Electric Circuit Analysis	Auckland	New Zealand	IES	Spring 2016
ECE 210	ENEL 200	Electrical and Computer Engineering Design	Christchurch	New Zealand	IES	*
ECE 221	ELECTNEG 305	Electronic Devices & Circuits	Auckland	New Zealand	IES	Fall 2014
ECE 221	EN 305	Electronics 2	Auckland	New Zealand	IES	Fall 2014
ECE 240	ENEL	Principles of Electro & Devices	Christchurch	New Zealand	IES	Spring 2015
ECE 241	ELECTNEG 303	Signals	Auckland	New Zealand	IES	Fall 2012
ECE 242	ENEL422-14S1	Communications Engineering	Christchurch	New Zealand	IES	
ECE 270	STATS 270	Probability	Auckland	New Zealand	IES	Fall 2012
ECE 270	STATS 201	Probability	Auckland	New Zealand	IES	Fall 2011
GER 101	GER 101	German Language Introductory 1	Auckland	New Zealand	IES	Fall 2014
ME 121	MECHENG 222	Dynamics	Auckland	New Zealand	IES	*
ME 123	ENME 204	Introduction to Thermo-fluids Engineering	Christchurch	New Zealand	IES	*
ME 203	EN 303	Controls and Vibrations	Christchurch	New Zealand	IES	Spring 2013
ME 211	ENME 302	Computational and Applied Mechanical Analysis	Christchurch	New Zealand	IES	*
ME 211	MT 171	Mathematical Modeling & Computation	Christchurch	New Zealand	IES	Fall 2010
ME 213	ENME 203	Dynamics and Vibrations	Christchurch	New Zealand	IES	*
ME 213	EN 303	Controls and Vibration	Christchurch	New Zealand	IES	Spring 2015
ME 213	EN 270	Principles of Electronics and Devices	Christchurch	New Zealand	IES	Spring 2015
ME 225	EN 224	Fluid Mechanics A	Christchurch	New Zealand	IES	Fall 2010
ME 225	ENME 304	Engineering Fluid Mechanics	Christchurch	New Zealand	IES	*
ME 225	ENME 204	Intro Thermo-Fluids	Christchurch	New Zealand	IES	Spring 2014
ME 226	MECH ENG 242	Mechanics of Materials 1	Auckland	New Zealand	IES	*
ME 226	EN 202	Stress, Strain, and Deformation in Machine Elements	Christchurch	New Zealand	IES	Spring 2014
ME 280	CHEM MAT 121	Materials Science	Auckland	New Zealand	IES	*
ME 280	ENME 207	Materials Science and Engineering	Christchurch	New Zealand	IES	*
ME 280	EN 227	Introduction to Materials	Christchurch	New Zealand	IES	Fall 2010
MTH 163	MTH 260	Differential Equations	Auckland	New Zealand	IES	Fall 2010
OPT 262	PY 325	Electromagnetism	Auckland	New Zealand	IES	Spring 2010
Tech Elective	ENCH 427	Wood Process Science	Christchurch	New Zealand	IES	Spring 2008
Tech Elective	ASTR 112	Astrophysics	Christchurch	New Zealand	IES	Spring 2008
ME 223	TEP 4130	Heat and Mass Transfer	Trondheim	Norway	non-UR	Spring 2013
BIO 250	BL 2014F	Molecular Components of Cells	Cape Town	South Africa	IES	Spring 2011
ME 121	MEC 2023F/S	Dynamics I	Cape Town	South Africa	IES	Fall 2012
ME 121	ENMEC2023S	Dynamics I	Cape Town	South Africa	IES	Spring 2013
ME 211	MAM 3080F	Numerical Methods	Cape Town	South Africa	IES	*
ME 225	MAM 3054S	Fluid Dynamics	Cape Town	South Africa	IES	*
ME 226	MEC 2025F	Mechanics of Solids 1	Cape Town	South Africa	IES	*

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
ME 280	MEC 2042F	Materials Science in Engineering	Cape Town	South Africa	IES	*
CHM 203	BTE 2200	Organic Chemistry I	Seoul	South Korea	IES	Spring 2013
OPT 421	445312	Optical Electrical Magnetic Properties of Materials	Seoul	South Korea	EXC	Fall 2012
BIO 210	257-15532	Cell and Molecular Biology	Madrid	Spain	IES	Summer 2014
BME 210	EN252-15369	Systems & Circuits	Madrid	Spain	IES	Spring 2014
BME 230	EN 257-15545	Systems and Signals	Madrid	Spain	IES	Fall 2013
BME 230	EN15545	Systems and Signals	Madrid	Spain	IES	Fall 2016
CHE 243	EN257-15544	Biomechanics of Continuum Media II	Madrid	Spain	IES	Spring 2014
CHM 131	EN 223	Chemical Basis of Engineering	Madrid	Spain	IES	Spring 2011
CSC 1690	EN15530	Computer Programming	Madrid	Spain	IES	Fall 2016
CSC 211	EN218-13882	User Interfaces	Madrid	Spain	IES	Fall 2014
CSC 251	EN218-13884	Computer Networks	Madrid	Spain	IES	Fall 2014
CSC 257	EN 217-13847	Communications Networks	Madrid	Spain	IES	Spring 2011
ECE 200	EN 218-13888	Computer Architecture	Madrid	Spain	IES	Spring 2015
ECE 200	EN 218-13874	Computer Structure	Madrid	Spain	IES	Fall 2013
ECE 200	218-13885	Computer Organization	Madrid	Spain	IES	Spring 2015
ECE 210	EN251-15339	Electronics Engineering Fundamentals	Madrid	Spain	IES	Fall 2014
ECE 210	EN253-13323	Systems and Circuits	Madrid	Spain	IES	Spring 2016
ECE 216	EN253-13333	Microproc. Based Digital Sys.	Madrid	Spain	IES	Spring 2016
ECE 221	EN 217-13498	Electronic Components & Circuits	Madrid	Spain	IES	Fall 2013
ECE 222	EN238-15389	Integrated Circuits and Microelectronics	Madrid	Spain	IES	Spring 2016
ECE 241	EN 217-13496	Linear Systems	Madrid	Spain	IES	*
ECE 242	EN253-13327	Communication Theory	Madrid	Spain	IES	Spring 2015
ECE 261	252 - 15389	Integrated circuits and microelectronic	Madrid	Spain	IES	*
ME 121	223-14021	Machine Mechanics	Madrid	Spain	IES	Fall 2014
ME 121	EN256-15498	Machine Mechanics	Madrid	Spain	IES	Fall 2014
ME 123	EN 221-14188	Physics Complements	Madrid	Spain	IES	Spring 2011
ME 123	EN 221-14193	Thermal Engineering	Madrid	Spain	IES	Fall 2013
ME 213	251-15346	Control of Aerospace Systems	Madrid	Spain	IES	Spring 2015
ME 213	256-15514	Control Engineering	Madrid	Spain	IES	Spring 2015
ME 213	EN244-15514	Control Engineering	Madrid	Spain	IES	Spring 2016
ME 213	En244-15514	Control Engineering I	Madrid	Spain	IES	Spring 2016
ME 223	EN237-15335	Thermal Engineering	Madrid	Spain	IES	Spring 2016
ME 225	EN 221-14196	Engineering Fluid Mechanics	Madrid	Spain	IES	Spring 2011
ME 225	EN251-15329	Introduction to Fluid Dynamids	Madrid	Spain	IES	Fall 2014
ME 225	EN 256-15499	Introduction to Fluid Mechanics	Madrid	Spain	IES	Fall 2014
ME 226	EB221-14815	Strength of Materials	Madrid	Spain	IES	Spring 2011
ME 280	EN221-14190	Materials Science and Engineering	Madrid	Spain	IES	Fall 2014
ME 280	EN256-15500	Materials Science and Engineering	Madrid	Spain	IES	Fall 2014
MTH 150	EN256 - 13887	Discrete Maths	Madrid	Spain	IES	Spring 2015
MTH 164	EN221-14185	Calculus II	Madrid	Spain	IES	Spring 2014
OPT 481	EN 221-14197	Introduction to Engineering Management	Madrid	Spain	IES	Spring 2011
SP 152	SP 303		Madrid	Spain	IES	Fall 2014
Technical Elective	EN218-15974	COMPUTER NETWORKS	Madrid	Spain	IES	Fall 2014
CSC 252	EN13874	Computer Structure	Madrid	Spain	IES	Fall 2016
CSC 256	1DT020	Operating Systems	Uppsala	Sweden	Exchange	Spring 2013

A Sample of HSEAS Approved Study Abroad Courses by Major

UR EQUIVALENT	COURSE	TITLE	CITY	COUNTRY	PROG	SEMESTER
ECE 222	1TT 827	Analog VLSI Design	Uppsala	Sweden	Exchange	Spring 2006
ECE 242	1TT851	Digital Communications I: Modulation & Coding	Uppsala	Sweden	Exchange	Spring 2006
MTH 230	IMA206	Elementary Number Theory	Uppsala	Sweden	Exchange	Spring 2013
BME230	T.BA.XX.SISY1-EN	Signals and Systems 1	Zurich	Switzerland	Non-UR	Fall 2015
CHM 251	CHEM 451	Advanced Physical Chemistry	Istanbul	Turkey	IES	Fall 2008
ME 123	MENG11202	Thermodynamics 1	London	United Kingdom	Exchange	Fall 2016
CHE 225	04 22992	Chemical Engineering Thermodynamics	Birmingham	United Kingdom	Non-UR	Fall 2014
CHE 225		Thermodynamics	Oxford	United Kingdom	Non-UR	Fall 2016
CHE 244	04 17125	Mass, Heat and Momentum	Birmingham	United Kingdom	Non-UR	Fall 2014
CHE 244		Heat and Mass Transfer	Oxford	United Kingdom	Non-UR	Fall 2016