

CITY UNIVERSITY OF HONG KONG
School of Energy and Environment

(As of 16 August 2019)

Course Credit Transfer Pre-approval Record (for reference only)

Important Note:

1. Please discuss with your Academic Advisor for advice on your course plan and submit your own "Course Plan and Application for Credit Transfer" to seek pre-approval for credit transfer.
2. The record will be reviewed and updated without prior notice. Please take it as a reference only.
3. The course offering units reserve the right to make final decision on course credit transfer pre-approval/approval.

Courses offered by Exchange Institution			CityU Courses			
Name of Institution	Course Code	Course Title	Course Code	Course Title	No. of Courses Approved for Credit Transfer	
Carnegie Mellon University	SEEM4024	Project Management	SEEM4024	Project Management	1	
Chalmers University of Technology	UNA016	Environmental Policy Instruments	SEE3001	Energy and Energy-related Environment Policy	11	
	FFR170	Sustainable Energy Futures	SEE3104	Sustainable and Renewable Energy		
	BOM280	Sustainable Development for Civil Engineers				
	TEK225	Techonology and Society	SEE4001	Engineers in Society		
	TEK226	Techonology and Society				
	TIF215	Introduction to Nuclear Reactors	SEE4111	Nuclear Energy Engineering		
	MEN115	Energy Systems Modelling and Planning	SEE4112	Sustainable Engineering Systems: Modelling and Analysis		
	TIF165	Nanotechnology for Sustainable Energy	SEE4113	Nanotechnology in Energy Conversion and Storage: Concepts and Creative Science		
	TIF260	Energy Related Materials				
	KTK012	Catalysis	SEE4115	Energy Catalysis and Reaction Engineering		
	RRY055	Remote Sensing	SEE4215	Remote Sensing and Digital Image Processing		
	RRY075	Environmental Measurement Techniques	SEE4216	Combustion and Air Pollution Control		
	VTM051	Environmental Analysis of Water	SEE4218	Water Quality Engineering		
	BOM095	Wastewater Engineering				
	VMI035	Environmental Management	SEEM4024	Project Management		
	IBB135	Project Management				
	IBB136	Project Management				
	EEK201	Power Market Management	SEE3002	Not Approved		
	FFR170	Sustainable Energy Futures				
	ENM125	Sustainable Electric Power Systems	SEE3104			
	TEK225	Techonology and Society	SEE4001			
	TEK226	Techonology and Society				
	BOM280	Development for Civil Engineers				
	TIF195	Applied Nuclear Eneengineering	SEE4111			
	TIF205	Modelling of Nuclear Reactors				
	VMI010	Environmental Systems Analysis	SEE4213			
	BOM095	Wastewater Engineering	SEE4217			
BOM095	Wastewater Engineering	SEE4218				
Ludwig-Maximilians-Universitat Munich	15061	European Environmental and Climate Change Policy	SEE3001		Energy and Energy-related Environmental Policy	10
	15081	Comparative Energy Politics				
	15091	Inter-Governmental Organizations in Global Energy Sector: Politics & Policies				
	5130	Topics in Environmental and Resources Economics + Tutorial	SEE3002		Energy and Energy-related Environmental Economics	
	17057	Meteorology I	SEE3201		Atmospheric Science - An Introductory Survey	
	17059	Physics of the Atmosphere				
	17220	Advanced Atmospheric Dynamics II				

17235	Advanced Atmospheric Dynamics II			
17243	Atmospheric Electricity			
17259	Advanced Atmospheric Physics			
17079	Organic Solar Cells	SEE4113	Nanotechnology in Energy Conversion and Storage: Concepts and Creative Science	
TIYY-P	Energy Conversion: Characterization Techniques			
TIPO-M	Energy Conversion: From Materials to Mechanisms			
T1PK-M	Microscopy for Nanotechnology			
19242	Statistical Models and Data Analysis	SEE4213	An Introduction to Environmental Data Analysis	
17227	Advanced Atmospheric Observation and Data Processing Techniques (9 ECTS)	SEE4213	An Introduction to Environmental Data Analysis; and	
		SEE4216	Combustion and Air Pollution Control	
04017	International Management	SEEM4024	Project Management	
04040 & 04038	The management of projects - Making it work!			
DK01	German Language Preparation Course	CLA2501	German 1	
DK01	German Language Preparation Course	LT2501	German 1	
05037	Environment and Economy	SEE3002	Not approved	
05052	Growth and Natural Resources			
20303	Mineral Economics			
17191	Radiative Processes, Stellar Atmospheres and Winds	SEE3201		
17025	Advanced Atmospheric Observation and Data Processing Techniques			
15261	Energy and Society	SEE4001		
17277	Topics on Medical Physics, Laser Acceleration and Nuclear Physics	SEE4111		
17044	Vibrating Nanostructures - An Introduction to Nanomechanical Systems	SEE4113		
17016	Nano Physics - Quantum Phenomena and Applications			
T1TQ-M	High-Energy Materials			
17102	Lecture Series Nano-Bio-Technology			
19037	Lecture: Plant-based Natural Products - Biochemistry and Utilisation	SEE4114		
19216	Interactions of Plants and Environment			
17065	Natural Disasters and Climate Change: Scientific, Social Geography, Civil Engineering and Economic Aspects	SEE4116		
T1PD-M	Energy Conversion: From Materials to Mechanisms	SEE4117		
17162	Green energy : Concepts and materials for energy conversion			
T1PD-M	Energy Conversion: From Materials to Mechanisms	SEE4119		
15290	Risk Scientific Uncertainty and Climate Engineering	SEE4216		
17057	Meteorology I			
17059	Physics of the Atmosphere			
17226	Advanced Atmospheric Observation and Data Processing Techniques			
13532	The Garden and the Wasteland - Regeneration and the American Experience	SEE4217		
19041	Lecture: Plant in the Natural Environment - Radiation, Water, Climate Change	SEE4218		
17045	Organic Electronics	MJR9999		
17137	Theoretical Solid State Physics			
17220	Advanced Atmospheric Dynamics II	SEEM4024		
McGill University	ECSE463	Electric Power Generation	SEE3102	Power Plant Engineering

	PHYS228	Energy and the Environment	SEE3104	Sustainable and Renewable Energy	
	ATOC181	Introduction to Atmospheric Science	SEE3201	Atmospheric Science - An Introductory Survey	
	FACC100	Introduction to the Engineering Profession	SEE4001	Engineers in Society	
	ENVB437	Assessing Environmental Impact			
	ECSE361	Power Engineering	SEE4119	Electrical Energy Conversion	
	ECSE362	Fundamentals of Power Engineering			
	PHYS102	Introductory Physics - Electromagnetism			
	MIME260	Materials Science and Engineering	SEE4120	Materials Engineering for Energy Storage Application	
	CHEM519	Advances in Chemistry of Atmosphere	SEE4202	Atmospheric Chemistry	
	CHEM219	Introduction to Atmospheric Chemistry			
	ATOC219	Introduction to Atmospheric Chemistry			
	BREE518	Bio-treatment of Wastes	SEE4217	Waste and Wastewater Treatment	
	CIVE324	Sustainable Project Management	SEEM4024	Project Management	
	CGMG210	Fundamental of Project Management			
	MA2503	Linear Algebra	MATH223	Linear Algebra	
	MA3511	Ordinary Differential Equations	MATH315	Ordinary Differential Equations	
	MA3512	Partial Differential Equations	MATH319	Introduction to Partial Differential Equations	
	CHEM512	Catalysis, Concepts and Applications	MRJ9999	Energy Elective	
	POLI362	Political Theory and International Relations	SEE3001	Not Approved	
	ECSE463	Electric Power Generation	SEE3104		
	GEOG360	Analyzing Sustainability			
	MIME311	Modelling and Automatic Control	SEE4112		
	CHEE401	Energy Systems Engineering			
	GEOG501	Modelling Environmental Systems			
	CHEE591	Environmental Bioremediation	SEE4114		
	BIOL319	Introduction to Biophysics			
	CHEM512	Catalysis, Concepts and Applications	SEE4115		
	CHEE484	Materials Engineering	SEE4120		
	CIVE421	Municipal Systems	SEE4217		
	CHEE521	Nanomaterials and the Aquatic Environment			
	BREE509	Hydrologic Systems and Modelling	SEE4218		
	CIVE550	Water Resources Management			
National University of Singapore	ENV2102	Environmental Law, Policy, Governance and Management	SEE3001	Energy and Energy-related Environmental Policy	13
	EC3384	Resource and Energy Economics I	SEE3002	Energy and Energy-related Environmental Economics	
	EC3383	Environmental Economics			
	GE2230	Energy Futures: Environment and Society	SEE3104	Sustainable and Renewable Energy	
	ESE4406	Energy and the Environment			
	AR2723	Strategies for Sustainable Architecture			
	EE4511	Sustainable Energy Systems			
	GEK1522	Global Environmental Issues			
	CN4248	Sustainable Process Development			
	EG2401	Engineering Professionalism	SEE4001	Engineers in Society	
	EGB100	Engineering Sustainability and Professional Practice			
	GEM1535	Clean Energy and Storage	SEE4113	Nanotechnology in Energy Conversion and Storage: Concepts and Creative Science	
	ESE4404	Bioenergy	SEE4114	Bioenergy Engineering: Principles and Applications	
	LSM3264	Environmental Biochemistry			
	CM4228	Catalysis	SEE4115	Energy Catalysis and Reaction Engineering	
	ESE5607	Green Catalysis			
	CN4246R	Chemical and Bio Catalysis			
	ESE3201	Air Quality Management	SEE4216	Combustion and Air Pollution Control	
	ESE2401	Water Science & Technology	SEE4217	Waste and Wastewater Treatment	

	ESE3401	Water & Wastewater Engineering I			
	ESE3001	Water Quality Engineering	SEE4218	Water Quality Engineering	
	CE2183	Construction Project Management	SEEM4024	Project Management	
	PF1104	Environmental Science for Building	GE2329	Green Buildings: Discovery & Innovations	
	CS2107	Introduction to Information Security	GE2315	Security and Privacy in the Information Age	
	CE5603	Engineering Economics & Project Evaluation	SEE3002	Not Approved	
	SN2232	South Asia: Poverty, Inequality, Power			
	EGB100	Engineering Sustainability and Professional Practice	SEE3104		
	GEH1025	Global Environment Issues			
	ME3221	Energy Conversion Processes			
	BPS5204	Energy Efficiency and Renewable Energy in Buildings			
	PF1104	Environmental Science for Building			
	ESE4407	Environmental Forensics	SEE4001		
	ESE5602	Environmental Management Systems	SEE4112		
	EE4512	Renewable Energy Systems Capstone Design			
	ME3221	Energy Conversion Processes			
	CN3421	Process Modelling and Numerical Simulation			
	CM3251	Nanochemistry	SEE4113		
	MLE4206	Current Topics on Nanomaterials			
	PC3251	Nanophysics			
	LSH1401	Fundamentals of Biochemistry	SEE4114		
	LSM2251	Ecology and Environment			
	GEK 1515	Environmental Biology			
	ESE4405	Urban Water Engineering & Management	SEE4217		
	ESE3101	Solid and Hazardous Waste Management			
	CE4240	Advanced Waste Water Treatment			
	CE3132	Water Resources Engineering	SEE4218		
Queensland University of Technology	EFB226	Environmental Economics and Policy	SEE3001	Energy and Energy-related Environmental Policy	11
	EFB226	Environmental Economics and Policy	SEE3002	Energy and Energy-related Environmental Economics	
	ENB340	Power Systems and Machines	SEE3102	Power Plant Engineering	
	ENB456	Energy			
	PQB360	Global Energy Balance and Climate Change	SEE3104	Sustainable and Renewable Energy	
	EGB100	Engineering Sustainability and Professional Practice	SEE4001	Engineers in Society	
	ENB422	Energy Management	SEE4116	Energy and Carbon Auditing	
	ENB340	Power Systems and Machines	SEE4119	Electrical Energy Conversion	
	UDN574	Water Resource and Waste Management	SEE4217	Waste and Wastewater Treatment	
	ENB383	Environmental Resource Management			
	ENB377	Water and Wastewater Treatment Engineering	SEE4218	Water Quality Engineering	
	BEN610	Project Management Principles	SEEM4024	Project Management	
	MGB335	Project Management			
	BEB111	Managing Project Quality			
	PYB007	Interpersonal Processes and Skills	GE2223	Interpersonal Skills and Positive Personal Development	
	EGB422	Energy Management	SEE3103	Not Approved	
	ENB100	Engineering and Sustainability	SEE3104		
	ENB340	Power Systems and Machines	SEE4112		
	ENB460	Advanced Process Modelling	SEE4112		
	NQB501	Environmental Modelling	SEE4213		
	ENB378	Water Engineering	SEE4218		

	EGB274	Environmental Sustainable Design	SEE4217		
	MZB125	Introductory Engineering Mathematics	MA2181		
The University of Sheffield	TRP105	The Environmental Challenge	SEE3001	Energy and Energy-related Environmental Policy	10
	PHY123	The Physics of Sustainable Energy	SEE3104	Sustainable and Renewable Energy	
	MEC316	Renewable Energy			
	MEC306	The Professional Responsibility of Engineers	SEE4001	Engineers in Society	
	MEC428	The Professional Responsibility of Engineers			
	MAT3910	Nuclear Science, Engineering and Technology	SEE4111	Nuclear Energy Engineering	
	CPE419	Nuclear Reactor Engineering			
	CPE323	Oil and Gas Utilization	SEE4114	Bioenergy Engineering: Principles and Applications	
	CIV235	Water and Wastewater	SEE4217	Waste and Wastewater Treatment	
	CPE408	Environment - Liquid Effluents			
	MGT389	Project Management and HRM for Engineers (grade C or above)	SEEM4024	Project Management	
	CPE318	Environmental Protection	MJR9999	Environment Electives	
	APS124	Ecosystems, Climate and Environmental Change	GE1301	Climate Change and Extreme Weather	
	CPE430	Low Carbon Energy Science and Technology	GE1333	Low Carbon Footprint - Energy Saving Practices in Everyday Life	
	CIV201	Sustainable Buildings	CA2418	Green Building and Construction	
	EEE345	Engineering Electromagnetics	EE3109	Applied Electromagnetics	
	ECN107	Economic Analysis and Policy 2	SEE3001	Not Approved	
	SCS1010	Social Policy and Social Problems Seminar			
	FCE2001	Engineering - You're Hired	SEE4001		
	PHY303	Nuclear Physics	SEE4111		
	COM3001	Modelling and Simulation of Natural Systems	SEE4112		
	MAT1910	Introduction to Nanotechnology and Nanoscience	SEE4113		
	CPE323	Oil and Gas Utilization	SEE4114		
	CPE225	Fuel and Energy Utilisation	SEE4115		
	MAT2920	Materials and Energy	SEE4120		
	CIV172	Introduction to Sustainability and Environmental Engineering	SEE4218		
	APS332	Issues in Environmental Science	MJR9999		
	CIV172	Introduction to Sustainability and Environmental Engineering			
	APS124	Ecosystems, Climate and Environmental Change			
	USE201	Making Ideas Happen	GE1218		
	MEC437	Building Physics and Simulation	CA2418		
	EEE223	Electrical Energy Management	CA3712		
	CIV4012	Thermodynamics for Building	CA2626		
	EEE345	Engineering Electromagnetics	EE2104		
	EEE301	Power systems Engineering	EE3114		
Western Sydney University	300998	Sustainable Energy Systems	SEE3104		Sustainable and Renewable Energy
	300798.1	Sustainability and Risk			
	300837.1	Climate Change Science	SEE3201	Atmospheric Science - An Introductory Survey	
	300964	Introduction to Engineering Practice	SEE4001	Engineers in Society	
	300856.1	Ecosystem Carbon Accounting	SEE4116	Energy and Carbon Auditing	
	300983.1	Surface Water Hydrology	SEE4118	Wind and Hydro Power	
	300071	Electrical Machines 1	SEE4119	Electrical Energy Conversion	
	300071.2	Electrical Machines 1			
	300700.6	Statistical Decision Making	SEE4213	An introduction to Environmental Data	
	300852.1	Air Quality and Climate Change	SEE4216	Combustion and Air Pollution Control	
	300992.1	Water and Waste Management	SEE4217	Waste and Wastewater Treatment	
	300483	Engineering Project	SEEM4024	Project Management	
	300483.4	Engineering Project			
	300727.2	Project Management			
	200471.4	Construction Technology 5	MJR9999	Energy Elective	
	300996.1	Smart Grids and Distributed Generation			
	700046.2	Accounting Fundamentals	GE1222	Accounting in Everyday Life	

	101184	Psychology: Human Behaviour	GE2129	Psychology for Young Professionals	
	101560.3	Introduction to Crime and Criminal Justice	GE2221	Violence and Crime	
	300580	Programming Fundamentals	CS1302	Introduction to Computer Programming	
	100064.2	Chinese 303: Twentieth-century Chinese Literature	GE1104	Not Approved	
	200531.2	Industry Economics and Markets	SEE3002		
	300738.3	Surveying for Engineers	SEE4001		
	300964.1	Introduction to Engineering Practice			
	300771.1	Power Systems	SEE4112		
	300026.3	Energy Systems			
	300996.1	Smart Grids and Distributed Generation			
	300852.1	Air Quality and Climate Change	SEE4216		
	85020.2	Water Resources Engineering (UG)	SEE4218		
University of Antwerp	9111MDOIM	Issues, Methods and Policies	SEE3001	Energy and Energy-related Environmental Policy	11
	2110TEWEC P	Transport, Mobility and the Environment			
	2201MDODP T	Cleantech for food, water and energy	SEE3104	Sustainable and Renewable Energy	
	9107MDORE S	Renewable and Distributed Energy Sources			
	9113MDORE	Renewable Energy			
	2001WETBE	Energy from Biomass	SEE4114	Bioenergy Engineering: Principles and Applications	
	2004FTIKOO	II-Project Industrial Biotechnology			
	2001WETBE	Energy from Biomass	SEE4116	Energy and Carbon Auditing	
	9065FOWKE	Energy Focused Building 2			
	2307FTIMAE	II-Automotive Engineering	SEE4119	Electrical Energy Conversion	
	2002WETOL	Environmental Monitoring	SEE4216	Combustion and Air Pollution Control	
	1214TEWKO O	Social and Organizational Psychology	SEEM4024	Project Management	
	1023FTIBCP	6-Bachelor's Project Construction			
	1089FTISCP	4-Scientific Project Construction			
	2024FOWSR	Research Methods			
	2001WETGA	Advanced Inorganic Materials	MJR9999	Energy Electives	
	2001WETME A	Modern Electrochemical Analysis, incl. Sensors			
	1130FTIFMH	Fluid Mechanics and Hydraulics	CA2675	Fluid Mechanics	
	1208TEWBD	Financial Management	CB3410	Financial Management	
	1001WETET	Bioethics	GE2106	Philosophy and Life: A Dialogue	
	DK01	German Language Preparation Course	LT2501	German 1	
	1302TEWSB	Consumer Behaviour	MKT3603	Consumer Behaviour	
	2104TEWFIN	Financial Risk Management	MS4226	Risk Management Models	
	1709FTIORG	4-Organic Chemistry	BCH2007	Not Approved	
	1709FTIORG	4-Organic Chemistry	BCH3015		
	1001WETET	Bioethics	GE2106		
	1303TEWSB	Economic Policy	SEE3001		
	2124TEWEC P	Transport, Mobility and the Environment			
	2131TEWEC	Industrial Organisation			
	3207MDOIW B	Integrated Water Management Case River 21	SEE3104		
	2210MDOM	Environmental Science	SEE4001		
	2029TEWMH	Sustainable Management	SEE4004		
	1214TEWKO O	Social and Organizational Psychology	SEEM4024		
	2001WETBE	Energy from Biomass	SEE4111		
	9112MDOEN U	Energy Use: Actual & Optimisation	SEE4112		
	9112MDOEN U	Energy Use: Actual & Optimisation	SEE4113		
	2005WETCS	Capita selecta biochemistry	SEE4114		
	2013FTIECE	II-Electrochemical Engineering	SEE4119		
	2005FTIKOO	Soil and Groundwater Remediation	SEE4217		

	2210MDOM TC	Advanced water treatment technology			
	3207MDOIW B	Integrated Water Management Case River 21			
	2201WETFEF	Freshwater ecosystem, functioning	SEE4218		
	2001WETAQ	Aquatic Ecology			
	2005WETCSI	Capita selecta biochemistry	MJR9999		
	2011WETTD	Remote Sensing			
University of Bayreuth	C4	Global Change Policy, Contrasts and Administrative Strategies	SEE3001	Energy and Energy-related Environmental Policy	4
	M14	International Environmental Law			
	41134	Introduction to British Poetry 1:17th	GE2108	Literature in Our Lives	
	41126	British Modernist Literature			
	41101	American Literary and Cultural His			
	41101	American Literary and Cultural His	GE2115	American: Peoples and Cultures of the United States	
	08771	Deutsch: Grundkurs 1 (Niveau A1.1)	CLA2501	German 1	
University of Exeter	CSM3058	Energy Policy, Markets and Law	SEE3001	Energy and Energy-related Environment Policy	12
	CSM3153	Energy Legislation and Regulation			
	GEO3409B	Energy Policies for a Low Carbon Economy			
	POL2026	Polical Analysis: Behaviour, Institutions, Ideas			
	POL1044	Introduction to Public Policy			
	CSMM407	Energy Options and Sustainability	SEE3104	Sustainable and Renewable Energy	
	ECMM163	Sustainable Engineering			
	ECM3130	Engineering in Society and Company Finance	SEE4001	Engineers in Society	
	CSM3372	Energy Generation from Biomass	SEE4114	Bioenergy Engineering: Principles and Applications	
	CSM3371	Solar Power	SEE4117	Solar Energy Engineering	
	CSM2177	Electrical Energy Conversion and Transport	SEE4119	Electrical Energy Conversion	
	ECMM132	Urban Drainage and Waste Water Management	SEE4217	Waste and Wastewater Treatment	
	ECM3158	Water Resources and Pollution Control	SEE4218	Water Quality Engineering	
	ECMM134	Environmental Processes			
	ECMM102	Group Project (MEng) Minimum grade: 50%	SEEM4024	Project Management	
	ECMM129	Engineering MSc Project			
	ECM3101	Individual Project (BEng)			
	ECM3175	Individual Project (2018) Minimum grade: 40%			
	ECM3430	Computer Science Individual Project Minimum grade: 40%			
	CSM2187	Project Management and Accounting			
	ECMM168	Project Management			
	ECMM422	Machine Learning (Min requirement C or above)	CS4487	Machine Learning	
	POL2027	The Politics of the World Economy	SEE3001	Not Approved	
	PHY3052	Nuclear and High Energy Physics	SEE4111		
	ECMM136	Systems Analysis in Engineering	SEE4112		
	ECMM146	Mathematical Modelling of Wastewater Treatment Process (2018)			
	ECM2119	Mathematical Modelling and Control Engineering (2018)			
	ECM2111	Mathematical Modelling of Engineering Systems (2018)			
	GEO3133	NIMBYism and the Low Carbon Transition	SEE4117		
	CSM0363	Wind Energy	SEE4118		
	GEO3133	NIMBYism and the Low Carbon Transition			
	ECM3151	Thermofluids and Energy Conversion	SEE4119		
	CSMM185	Soil and Water Contamination	SEE4217		
	ECMM133	Water Supply and Distribution Management	SEE4218		
	ECM110	Water and Environment System			

	NSC3001	BSc Research Project	SEEM4024			
	NSC3002	MSci Research Project				
University of Leeds	PIED1806	Contemporary Africas: Politics, Society and the Environment	SEE3001	Energy and Energy-related Environmental Policy	14	
	SOEE1450	Environmental Politics and Policy				
	SOEE2355	Energy Transitions: Technologies, Markets and Policy				
	SOEE2680	Environmental Policy and Governance				
	SOEE2610	Economics and Sustainability	SEE3002	Energy and Energy-related Environmental Economics		
	CAPE3411	Renewable Technologies	SEE3104	Sustainable and Renewable Energy		
	SOEE1280	The Atmosphere of Planet Earth	SEE3201	Atmospheric Science - An Introductory Survey		
	SOEE2530	Atmospheric Physics				
	SOEE2460	Contaminated Land Studies: Integrating Business and Skills in Consultancy	SEE4004	Environmental Impact Assessment for Sustainable Development		
	SOEE2670	Environmental Impact Assessment				
	CAPE3331	Nuclear Operations	SEE4111	Nuclear Energy Engineering		
	SOEE2165	Climate Change : Society and Human Dimension	SEE4116	Energy and Carbon Auditing		
	MECH1280	Engineering Materials	SEE4120	Materials Engineering for Energy Storage Application		
	CHEM3211	Properties and Applications of Materials				
	CHEM3185	Atmospheric Chemistry	SEE4202	Atmospheric Chemistry		
	CIVE3420	Wastewater Engineering	SEE4217	Waste and Wastewater Treatment		
	SOEE2170	Water Quality	SEE4218	Water Quality Engineering		
	CIVE2910	Introduction to Project Management	SEEM4024	Project Management		
	CIVE3350	Transport Engineering II	CA2676	Transportation Engineering		
	SOEE1180	Environment Elective /Energy Elective	MJR9999	Environment and Ecology		
	CIVE2250	Sustainable Engineering Solutions		Energy Elective		
	CIVE2815	Building Physics 1 Fundamental Principles		Energy Elective		
	ELEC3575	Electric Power Systems		Energy Elective		
	SOEE3630	Strategic Energy Issue		Energy Elective		
	2018FT1KOO	II-Sustainable Material Recycling		Energy Elective		
	CHEM3211	Properties and Applications of Materials		Energy Elective		
	SOEE1610	Introduction to Creating Sustainable Futures		Environment Electives		
	SOEE1460	Environmental Science for Environmental Management		Environment Electives		
	SOEE2355	Energy Transitions: Technologies, Markets and Policy	SEE3001	Not Approved		
	CIVE2815	Building Physics 1 Fundamental Principles	SEE3103			
	CIVE2250	Sustainable Engineering Solutions	SEE3104			
	SOEE2165	Climate Change: Society and Human Dimension	SEE4001			
SOEE1610	Introduction to Creating Sustainable Futures					
CIVE2250	Sustainable Engineering Solutions					
300964.1	Introduction to Engineering Practice					
SOEE2460	Contaminated Land Studies: Integrating Business Skills and Science in Consultancy	SEE4004				
MBCH3360	Nuclear Fundamentals	SEE4111				
CAPE3311	Reaction Engineering	SEE4115				
GEOG3711	Hydrological Monitoring and Modelling	SEE4118				
SOEE3431	Atmospheric Pollution: Causes, Impact and Regulation	SEE4218				
PHYS2015	High Energy Astrophysics	MJR9999				
SOEE1024	Introduction to Environmental Science					
SOEE1280	The Atmosphere of Planet Earth					
SOEE2355	Energy Transitions: Technologies, Markets and Policy					
SOEE2165	Climate Change: Society and Human Dimension					
University of Groningen	GEMREENV PL	Reinventing Environmental Planning	SEE3001	Energy and Energy-related Environmental Policy	5	
	EBB898B05	Environmental and Resource Economics	SEE3002	Energy and Energy-related Environmental Economics		

	NAKSA-11	Climate System and Atmosphere	SEE3201	Atmospheric Science - An Introductory Survey		
	NAKE-12	Nuclear Energy	SEE4111	Nuclear Energy Engineering		
	WBPH15000	Air Pollution	SEE4216	Combustion and Air Pollution Control		
	PIED1806	Contemporary Africas: Politics, Society and the Environment	SEE3001	Not Approved		
	GEMDILEIP	Dilemmas in Infrastructure Planning	SEE4001			
	NANPNT-12	Nanophysics and Nanotechnology	SEE4113			
GEMTRWATM	Transitions in Water Management	SEE4217				
University of South Carolina	ECHE573	Next Energy	SEE3104	Sustainable and Renewable Energy	8	
	PHIL325	Engineering Ethics	SEE4001	Engineers in Society		
	EMCH552	Introudction to Nuclear Engineering	SEE4111	Nuclear Energy Engineering		
	EMCH594	Solar Heating	SEE4117	Solar Energy Engineering		
	ELCT553	Electromechanical Energy Conversion	SEE4119	Electrical Energy Conversion		
	GEOG321	Sustainable Cities	SEE4205	Design of Smart Cities and Sustainable Building		
	CSCE145	Algorithmic Design I	CS2360	Java Programming *Minimum requirement Grade C or above		
	PSYC101	Introduction toPyschology	GE2129	Psychology for Young Professionals		
	University of New South Wales	ELCT510	Renewable Energy Technologies: Photovoltaic Systems and Devices	SEE3104	Not Approved	
		ECIV362	Introduction to Water Resources Engineering	SEE4218		
		EMCH555	Instrumentation for Nuclear Engineering	SEE4111		
		ELCT510	Renewable Energy Technologies: Photovoltaic Systems and Devices	SEE4112		
		ELCT510	Renewable Energy Technologies: Photovoltaic Systems and Devices	SEE4117		
ECMH507		Computer-Aided Design	MBE2016			
Leibniz University of Hannover	SOLA5050	Renewable Energy Policy	SEE3001	Energy and Energy-related Environmental Policy	5	
	SOLA5057	Energy Efficiency	SEE3103	Energy Efficiency for Buildings		
	CLIM2001	Fundamental of Atmospheric Science	SEE3201	Atmospheric Science - An Introductory Survey		
	SOLA5052	Biomass	SEE4114	Bioenergy Engineering: Principles and Applications		
	SOLA5053	Renewable Energy Policy	SEE4118	Wind and Marine Energy		
	SOLA3507	Solar Cell	SEE4117	Not Approved		
University of South Australia	CVEN3510	Water Resources Engineering	SEE4218	Not Approved		
	172802	Environmental Economics of Developing Countries	SEE3002			
	172806	Sustainability Economics				
76430/172830	Water Economics					
University of South Australia	POLI2025	Energy, Security and Environmental Politics in Asia	SEE3001	Energy and Energy-related Environmental Policy	6	
	ENVT2014	Environmental Policy and Reuglation				
	EEET3050	Renewable Energy Systems UG	SEE3104	Sustainable and Renewable Energy		
	ENGG1003	Sustainable Engineering Practice	SEE4001	Engineers in Society		
	RENG1005	Engineering Materials	SEE4120	Materials Engineering for Energy Storage Application		
	HUMS1029	Sustainable Built Environments	SEE4205	Sustainable Built Environments		
	INFS2022	Project Management: Principles and Strategies	SEEM4024	Project Management		
	MENG4004	Fluid and Energy Management Practice	SEE3101	Not Approved		
	BIOL3027	Humans and Natural Resources	SEE3104			
	MENG4003	Sustainable Energy System Design	SEE4112			
	EEET3035	Solar Technologies	SEE4117			
	EART3012	Engineering and Environmental Geology	SEE4204			
	CIVE2011	Water Chemistry	SEE4217			
	ENVT3020	Environmental Conflict and Public Consultation	SEEM4001			
Ewha Womans University	35946	Environmental Policy & Law	SEE3001		Energy and Energy-related Environmental Policy	5

	35336	Introduction to Energy Engineering (Environmental Science and Engineering II)	SEE3104	Sustainable and Renewable Energy	
	35337	Climate Change and Environmental Management (Environmental Engineering Management)	SEE3201	Atmospheric Science - An Introductory Survey	
	38416	Climate Change			
	37279	Low Carbon Energy Systems	SEE4116	Energy and Carbon Auditing	
	38455	Air Pollution Engineering	SEE4216	Combustion and Air Pollution Control	
	34882	Wastewater Treatment Engineering	SEE4217	Waste and Wastewater Treatment	
	37510	Reaction Engineering	MJR9999	Energy Electives	
	37511	Introduction to Materials Science and Engineering			
	38517	Career Development in Climate and Energy System	SEE4001	Not Approved	
	33780	Water Treatment and Supply Engineering and Lab	SEE4217		
Karlsruhe Institute of Technology	2170490	Combined Cycle Power Plants	SEE3102	Power Plant Engineering	3
	2130910	CFD for Power Engineering	SEE4118	Wind and Marine Energy	
	22644	International Concepts in Water Treatment	MJR9999	Energy Electives	
	2130910	CFD for Power Engineering			
	2142897	Microenergy Technologies			
	2170490	Combined Cycle Power Plants			
	218740	Atomistic Simulations and Molecular Dynamics			
	2190490	Introduction to Neutron Cross Section Theory and Nuclear Data Generation	SEE4111	Not Approved	
	213090	CFD for Power Engineering	SEE4112		
	2170490	Combined Cycle Power Plants	SEE4118		
	2142879	Microenergy Technologies	SEE4119		
	23682	Superconducting Materials for Energy Applications + Tutorial	SEE4120		
	2170553+2170477	Thermal Turbomachines II + Tutorial			
	3190923	Fundamentals of Energy Technology			
2142897	Microenergy Technologies	SEE4217			
22644	International Concepts in Water Treatment	SEE4218			
Western University Canada	4498F/G	Engineering Ethics, Sustainable Development and the Law	SEE3001	Energy and Environmental Policy	7
	4439B	Conventional, Renewal and Nuclear Energy	SEE3104	Sustainable and Renewable Energy	
	ECE4439b	Conventional, Renewal and Nuclear Energy	SEE4111	Nuclear Energy Engineering	
	4480	Wind Engineering	SEE4118	Wind and Marine Energy	
	ECE3333A/B	Electric Power Systems I	SEE4119	Electrical Energy Conversion	
	CEE4405 4405A/B	Air Pollution	SEE4216	Combustion and Air Pollution Control	
	4409A/B	Wastewater treatment	SEE4217	Waste and Wastewater Treatment	
	GPE3395Y	Green Process Engineering Lab Co	SEE4003	Not Approved	
	1021F	Environmental Science and Sustain	SEE4004		
	3386B	Sustainable Eng Life Cycle	SEE4004		
	2143A/B	Applied Statistics and Data Analysis for Engineers	SEE4112		
	MME3350B	System Modeling and Control	SEE4112		
	2485B	Environmental Biology	SEE4114		
	CBE4409B	Wastewater Treatment Engineering	SEE4218		
Korea University	ISC231	Physics of Planet Earth with Focus on Renewable Energy	SEE2201	Not Approved	
University of Dublin, Ireland	GG3030	Environmental Governance I	SEE3001	Energy and Environmental Policy	6
	CE3E4	3E4 Innovation and Entrepreneurship for Engineers	SEE4001	Engineers in Society	
	ZO4092	Environmental Impact Assessment	SEE4004	Environmental Impact Assessment for Sustainable Development	
	CE7J02	Solar Energy Conversion and Appl	SEE4117	Solar Energy Engineering	
	EE1E06	Electrical Engineering	SEE4119	Electrical Energy Conversion	
	ME4B06	Manufacturing Systems and Project Management	SEEM4024	Project Management	
	BCME01	Energy in the 21st century (powering the Anthropocene)	SEE3104	Not Approved	
	CE7E04	Waste Management and Energy Re	SEE4217		
	CE7E05	Water Quality and Hydrological M	SEE4217		