

Chalmers University of Technology_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	VBB	48	Concrete Structures	7.5	CE	3165	Concrete Design for Urban Infr	4	Rejected
1	ACE	50	Transportation engineering and traffic analysis	7.5	CE	3121	Urban Transportation Engineeri	4	Approved
1	VSM	191	Steel structures	7.5	CE	3166	Structural Steel Design & Syst	4	Rejected
1	LSP	530	Fiction for Engineers	7.5	EX	1005	Exchange UEM (CEE)	4	Approved
1	ACE	90	Sustainable urban water engineering	7.5	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	FFR	170	Sustainable energy futures	7.5	CE	2003	Energy, Environment and Econom	4	Approved
1	ACE	95	Infrastructure and urban systems	7.5	CDE	3505	Planning and Governing Cities	4	Rejected
1	FFR	170	Sustain energy futures	7.5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	ACE	166	Sustainable Building Renovation	7.5	PF	3210	Total Building Performance	4	Approved
1	SEE	161	Energy transitions	7.5	PF	3504	Sustainable Energy Management	4	Approved
1	ACE	155	Urban metabolism and resources	7.5	CE	4001	Industrial Symbiosis and Decar	4	Approved
1	ACE	95	Infrastructure and urban systems	7.5	RE	3901	Advanced Urban Planning	4	Pending Approval
1	BOM	175	Building technology engineering	7.5	PF	3210	Total Building Performance	4	Approved
1	FFR	170	Sustainable Energy Futures	7.5	CE	2003	Energy, Environment and Econom	4	Rejected
2	FFR	170	Sustainable Energy Futures	7.5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	TEK	226	Technology and Society	7.5	EG	2401A	Engineering Professionalism	2	Rejected
1	TEK	226	Technology and Society	7.5	EX	1006	Exchange UEM (CEE)	4	Approved

City University of Hong Kong_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	SEE	4217	Waste and Wastewater Treatment Engineering	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	SEE	3203	Air Pollution	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	SEE	3104	Sustainable and Renewable Energy	3	PF	3504	Sustainable Energy Management	4	Approved
1	SEE	4004	Environmental Impact Assessment for Sustainable Development	4	ESE	4408	Environmental Impact Assessmen	4	Approved
1	SEE	3003	Climate Change and Adaptation Strategies	3	CE	5315	Climate Science for Engineers	4	Approved
1	SEE	4218	Water and Water Resource Engineering	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	SEE	3002	Energy and Environmental Economics	3	PF	3504	Sustainable Energy Management	4	Approved
1	SEE	3103	Energy Efficiency for Buildings	3	PF	3210	Total Building Performance	4	Approved
1	SEE	2203	Environmental, Safety, and Occupational Health Management	3	PF	4208	Safety and Health Management	4	Approved
1	CA	2675	Fluid mechanics	3	CE	2134	Fluid Mechanics	4	Rejected
1	CA	4174	Sustainability and Building Systems Integration	3	PF	4502	Green Development	4	Approved
1	SEE	4112	Chemical Separations for Energy and Environmental Applications	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	SEE	4112	Sustainable Engineering Systems: Modelling and Analysis	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	SEE	4120	Materials Engineering for Energy Application	3	ESE	4618	Exchange Technical Elective 3	4	Approved
1	SEE	4122	Chemical Separations for Energy and Environmental Applications	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	ADSE	2066	Professional Engineering Practice	3	EG	2401A	Engineering Professionalism	2	Approved
1	CA	3619	Design of Structural Elements	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	LC	2996	Basic Cantonese for Non-Chinese Speakers I	3	EX	1001	Exchange UEM	4	Rejected
1	CB	2300	Management	3	MNO	1706X	Organisational Behaviour	4	Approved
1	LC	2996	Basic Cantonese for Non-Chinese Speakers I	3	LAX	1731	Department Exchange Course	3	Approved
1	GE	2109	Love, Sex, and Relationships: Psychological Perspectives	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CS	2311	COMPUTER PROGRAMMING	3	CS	2030DE	Programming Methodology II	4	Approved
1	GE	2301	SCIENCE AND TECHNOLOGY: FASCINATING MECHANICAL ENGINEERING	3	EX	2001	Exchange UEM	4	Approved
1	GE	2230	INNOVATION AND ENTREPRENEURSHIP IN GLOBAL BUSINESS	3	EX	2002	Exchange UEM	4	Approved
1	CA	2066	PROFESSIONALS AND SOCIETY	3	EG	2401A	Engineering Professionalism	2	Rejected
1	LC	2501	GERMAN 1	3	LAG	1201	German 1	4	Rejected
1	SYE	2066	Professional Engineering Practice	3	EG	2401A	Engineering Professionalism	2	Approved
1	CA	4665	GEOTECHNICAL ANALYSIS AND DESIGN	3	CE	3116	Foundation Engineering	4	Rejected
1	CA	2169	ENVIRONMENTAL ENGINEERING	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	LC	2501	GERMAN 1	3	EX	2001	Exchange UEM	4	Rejected
1	GE	1305	FOUNDATION PHYSICS	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CA	3629	BUILDING AND FIRE SAFETY CONTROL	3	EX	3103	Exchange UEM (CEE)	4	Approved
1	GE	2260	INTRODUCTION TO FINANCE	3	EX	2000	Exchange UEM	4	Rejected

Indian Inst of Tech, Bombay_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	ES	631	Environmental Chemistry	6	ESE	2000	Chemistry for an Environmental	4	Approved
1	ES	317	Fundamentals of Air Pollution Science and Engineering	6	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	ES	637	Municipal Water and Wastewater Systems	6	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ES	653	Environmental Impact Assessment	6	ESE	4408	Environmental Impact Assessmen	4	Approved
1	ES	639	Physico-Chemical Treatment Technologies	6	ESE	4401	Water & Wastewater Engineerg 2	4	Approved
1	ES	655	Environmental Management	6	ESE	4408	Environmental Impact Assessmen	4	Approved
1	ES	451	Environmental Field Studies	6	ESE	4616	Exchange Technical Elective 1	4	Approved
1	ES	635	AIR POLLUTION SCIENCE AND ENGINEERING	6	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	ES	203	WATER AND WASTEWATER ENGINEERING	6	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ES	601	ENVIRONMENTAL HEALTH AND SAFETY	6	ESE	5880AB	Chem. & Lab Safety	4	Rejected
1	ES	657	WATER RESOURCES AND ENVIRONMENTAL HYDRAULICS	6	CE	2134	Fluid Mechanics	4	Rejected
1	ES	649	ATMOSPHERIC PROCESSES AND CLIMATE CHANGE	6	ESE	4617	Exchange Technical Elective 2	4	Approved
1	ES	899	COMMUNICATION SKILLS	6	ESE	4618	Exchange Technical Elective 3	4	Rejected
1	ES	655	ENVIRONMENTAL MANAGEMENT	6	ESE	4616	Exchange Technical Elective 1	4	Approved
1	ES	216	GIS AIDED ENVIRONMENTAL PLANNING AND MANAGEMENT	6	ESE	4617	Exchange Technical Elective 2	4	Rejected
1	ES	637	Municipal Water & Wastewater Systems	6	ESE	3401	Sustainable Urban Water Techno	4	Rejected
2	ES	637	Municipal Water & Wastewater Systems	6	ESE	4401	Water & Wastewater Engineerg 2	4	Rejected

KTH-Royal Inst of Technology_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	AK	2011	Technology and Ethics	7.5	EG	2401A	Engineering Professionalism	2	Approved
1	AF	2609	Foundation Engineering	7.5	CE	3116	Foundation Engineering	4	Approved
1	AF	2101	Concrete Structures	7.5	CE	3165	Concrete Design for Urban Infr	4	Approved
1	AI	2127	Management and Leadership	7.5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	AG	2144	Sustainable Urban Mobility	7.5	EX	3897	Exchange Technical Elective (C	4	Approved
1	AF	2901	Road- and Railway Track Engineering	7.5	EX	3897	Exchange Technical Elective (C	4	Approved
1	AI	2117	Facility Management	7.5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	AL	2110	Sustainable Food Production and Consumption	7.5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	AF	2213	Steel and Timber Structures	7.5	CE	3166	Structural Steel Design & Syst	4	Approved
1	AF	2901	Road- and Railway Track Engineering	7.5	CE	4981	Exchange Technical Elective	4	Approved

Oulu University_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	448214	S	Air Pollution Control Engineering - Practical Solutions	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	488110	S	Water and Wastewater Treatment	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	488143	S	Environmental Impact Assessment	5	ESE	4408	Environmental Impact Assessmen	4	Approved
1	488209	S	Renewable Energy	5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	488507S	S	Energy Systems Engineering	5	PF	3504	Sustainable Energy Management	4	Approved
1	900017	Y	Survival Finnish	2	LAX	1741	Department Exchange Course	4	Approved
1	488504	S	Fundamentals of nuclear energy	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	683	782P	Nordic Mythology	5	EN	2741	Department Exchange Course	4	Approved
1	488	213A	Sources and control of air pollution	5	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	555	377S	Risk Management	5	PF	4208	Safety and Health Management	4	Rejected
1	801	396A	Introduction to Probability 2	5	MA	2116	Probability	4	Rejected
1	802	357A	Euclidean Spaces	5	MA	2108	Mathematical Analysis I	4	Rejected
1	493	603S	Advanced topics on building physics	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	488	214S	Air Pollution Control Engineering - Practical Solutions	5	ESE	3201	Air Quality in Changing Envrn	4	Rejected
1	477	309S	Process and Environmental Catalysis	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	493	603S	Recycling and Treatment of Process Rejects	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	493	603S	Recycling and Treatment of Process Rejects	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	477	123S	Chemical processing of biomasses	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	461	110S	Fluid mechanics	5	CE	2134	Fluid Mechanics	4	Approved
1	NA00AK	29	Wildlife management and game animal ecology.	5	LSM	3267	Behavioural Biology	4	Rejected
1	NA00AK	29	Wildlife management and game animal ecology, 5 ECTS	5	LSM	4991	Exchange Enrichment Course	4	Approved
1	TY00	AQ72	Sustainability in Technology	5	ENV	3906	Exchange Enrichment Level 3000	4	Approved
1	TY00	AH35	Towards circularity	5	ENV	3206	Evaluating Environmental Susta	4	Rejected
1	488	508S	Energy Economics	5	PF	3504	Sustainable Energy Management	4	Approved
1	488	501S	Smart Grid I: Integrating renewable energy sources	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	477	309S	Process and Environmental Catalysis	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	493	603S	Recycling and Treatment of Process Rejects	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	477	207S	Industrial Water and Wastewater Technologies	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	488	204S	Air Pollution Control Engineering	5	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	488	136S	Integrated water resources management	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	BO00	AR23	Creating Sustainable Innovation Through Design Thinking	6	EX	3103	Exchange UEM (CEE)	4	Approved
1	488	321S	Bioreactor technology	4	ESE	4618	Exchange Technical Elective 3	4	Approved

Purdue University_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	CE	55700	Air Quality Management	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	EEE	45600	Wastewater Treatment Processes	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ASEC	48500	Environmental Communication	3	NM	2741	Department Exchange Course	4	Approved
1	AGRY	34900	Soil Ecology	3	CE	3981	Exchange Technical Elective	4	Approved
1	ASM	54000	Geographic Information System Application	3	CE	3981	Exchange Technical Elective	4	Approved
1	ABE	32500	Soil And Water Resource Engineering	4	EX	3897	Exchange Technical Elective (C	4	Approved
2	ABE	32500	Soil And Water Resource Engineering	4	EX	2044	Exchange UEM (CEE)	1	Approved
1	EEE	53000	Life Cycle Assessment: Principles And Applications	3	ESE	4408	Environmental Impact Assessmen	4	Rejected
1	NRES	45000	Soil Conservation And Water Management	3	CE	3982	Exchange Technical Elective	4	Approved
1	EAPS	35300	Earth Surface Processes	3	GE	3703	Geography Exchange Course	4	Approved
1	EEE	55401	Water Chemistry For Environmental And Ecological Engineering	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	EEE	56000	Environmental And Ecological Engineering In-Context	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	ANTH	38400	Designing For People: Anthropological Approaches	3	AN	3741	Department Exchange Course	4	Approved
1	ANTH	38000	Using Anthropology In The World	3	AN	3742	Department Exchange Course	4	Approved
1	ANTH	21000	Technology And Culture	3	AN	3209	Anthropology of Technology	4	Approved
1	CE	34000	Hydraulics	3	CE	2134	Fluid Mechanics	4	Approved
2	CE	34300	Elementary Hydraulics Laboratory	1	CE	2134	Fluid Mechanics	4	Approved
1	ANTH	50700	History of Theory in Anthropology	3	AN	3101	Anthropology and Theory	4	Approved
1	ANTH	51400	Anthropological Linguistics	3	AN	3741	Department Exchange Course	4	Approved

Technical Uni of Denmark_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	ZXX	12109	Physico-Chemical Water Treatment Technologies	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ZXX	12228	Urban Air Pollution	5	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	ZXX	41312	Basic Fluid Mechanics	5	EX	2007	Exchange UEM (CEE)	4	Approved
1	ZXX	12145	Terrestrial Ecology for Engineers	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	ZXX	41615	Mechanical CAD	5	ME	2102	Engineering Innovation and Mod	4	Approved
1	ZXX	30755	Climate change - physics and observations	5	ESE	4612	Exchange Unrestricted Elective	4	Approved
1	ZXX	47214	Introduction to future energy technologies (online)	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	ZXX	28872	Biorefinery	5	ESE	4404	Bioenergy	4	Approved
1	ZXX	28870	Energy and Sustainability	5	GE	3254	Energy Futures: Environment an	4	Approved
1	ZXX	42893	Psychology for engineers	5	ESE	4614	Exchange UE 6	4	Approved
1	ZXX	12105	Quantitative Sustainability	5	ESE	4612	Exchange Unrestricted Elective	4	Approved
1	ZXX	2418	Statistical modelling: Theory and practice	5	EX	1000	Exchange UEM	4	Approved
1	ZXX	63880	Data analytics in transport with emphasis on railways	5	EX	3103	Exchange UEM (CEE)	4	Approved
1	ZXX	41312	Basic Fluid Mechanics	5	CE	2134	Fluid Mechanics	4	Approved
1	DTU	28870	Energy and Sustainability	5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	DTU	12102	Environmental Processes	10	ESE	2000	Chemistry for an Environmental	4	Approved
1	DTU	30755	Climate change - physics and observations	5	ESE	4612	Exchange Unrestricted Elective	4	Approved
1	DTU	10333	Physics of Sustainable Energy	5	ESE	4613	Exchange Unrestricted Elec 5	4	Approved
1	DTU	12105	Quantitative Sustainability (Polytechnical Foundation)	5	ESE	4614	Exchange UE 6	4	Approved
1	DTU	42015	Energy Economics	5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	DTU	42893	Psychology for engineers	5	ESE	4614	Exchange UE 6	4	Approved
1	DTU	47202	Introduction to future energy	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	DTU	62198	Economics for engineers	5	EX	2007	Exchange UEM (CEE)	4	Approved
1	DTU	62641	Sustainability, mobility and society	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	DTU	41312	Basic fluid mechanics	5	CE	2134	Fluid Mechanics	4	Approved
1	DTU	42009	Introductory Economics	5	EX	2005	Exchange UEM	4	Approved
1	DTU	12134	Environmental Microbiology	5	ESE	3301	Microbiology in Natural and Bu	4	Approved
1	DTU	12245	12245	5	ESE	4618	Exchange Technical Elective 3	4	Rejected
1	DTU	28872	Biorefinery	5	ESE	4404	Bioenergy	4	Approved
1	DTU	42015	Energy Economics	5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	DTU	28870	Energy and Sustainability	5	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	DTU	12134	Environmental Microbiology	5	ESE	3301	Microbiology in Natural and Bu	4	Approved
1	DTU	42893	Psychology for engineers	5	PL	1701	Psychology Exchange Course	4	Approved
1	DTU	47202	Introduction to future energy	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	DTU	41312	Basic fluid mechanics	5	CE	2134	Fluid Mechanics	4	Approved
1	DTU	46205	Feasibility studies of energy projects	5	CN	4991	Exchange Technical Elective Co	4	Approved
1	DTU	42009	Intro Econs	5	EX	2005	Exchange UEM	4	Rejected
1	DTU	12245	Water Pollution	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	DTU	42009	Intro Econs	5	EX	2001	Exchange UEM	4	Approved

The University of Hong Kong_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	ENVS	3202	Plant ecophysiology and climate change	6	EX	2007	Exchange UEM (CEE)	4	Approved
1	BIOL	3217	Food, environment and health	6	EX	2008	Exchange UEM (CEE)	4	Approved
1	ENVS	3004	Environment, society and economics	6	CE	3981	Exchange Technical Elective	4	Approved
1	ENVS	3010	Sustainable energy and environment	6	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	MECH	3420	Air pollution control	6	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	CIVL	3111	Wastewater treatment	6	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CIVL	3121	Water resources engineering	6	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CIVL	3107	Environmental impact assessment of civil engineering projects	6	ESE	4408	Environmental Impact Assessmen	4	Approved
1	CIVL	2103	Fluid Mechanics	6	CE	2134	Fluid Mechanics	4	Approved
1	CCGL	9082	Sustaining Sustainability: Innovations for Policies and Governance	6	EX	2009	Exchange UEM (CEE)	4	Approved
1	CCGL	9066	Music and Global Politics: From Beethoven to Beyonce and Beyond	6	EX	1007	Exchange UEM (CEE)	4	Approved
1	MECH	4428	Sound and Vibration	6	ESE	4616	Exchange Technical Elective 1	4	Approved
1	MECH	4409	Energy Conversion System	6	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	ENVS	3007	Natural hazards and mitigation	6	ESE	4618	Exchange Technical Elective 3	4	Approved
1	ELEC	3844	Engineering management and society	6	EG	2401A	Engineering Professionalism	2	Approved
1	MUSI	2083	Music Performance (for exchange students from overseas)	6	MUX	2204	Exchange Course (Music)	4	Approved

Trinity College Dublin_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	MEU	33B02	Fluid Mechanics	5	CE	2134	Fluid Mechanics	4	Approved
1	CE	7.00E+07	Sustainable Water Supply and Sanitation	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CEP	5.50E+04	Air Pollution: Monitoring, Assessment & Control	5	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	CEU	2.20E+10	Engineering Design III	5	ESE	3011	Integrated Project for Environ	4	Approved
1	CEU	44A31	Environment Engineering	5	ESE	4401	Water & Wastewater Engineerg 2	4	Approved
1	CE	7J04	Energy Policy and Demand	5	ESE	4406	Energy Systems and Climate Cha	4	Rejected
1	CEU	44A15	4A15 Hydraulics & Hydrology	5	CE	2134	Fluid Mechanics	4	Rejected
1	CEU	44A15	HYDRAULICS & HYDROLOGY	5	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CEU	33A13	PROCESS ENGINEERING FOR ENVIRONMENTAL APPLICATIONS	5	ESE	4616	Exchange Technical Elective 1	4	Rejected
1	CEU	44A15	Hydraulics & Hydrology	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	CE	7J02	Solar Energy Conversion & Applications	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	TEU	471	The Psychology of the Climate Crisis	5	EX	1000	Exchange UEM	4	Approved

University of British Columbia_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	CHBE	373	Water and Wastewater Technology and Engineering	4	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CHBE	485	Air Pollution Prevention and Air Quality Engineering	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	ENST	319	Environmental Impact Assessment	3	ESE	4408	Environmental Impact Assessmen	4	Approved
1	EOSC	474	Marine Pollution	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	GEOS	270	Geographical Information Science	3	GE	2215	Introduction to GIS	4	Approved
1	EOSC	111	Laboratory Exploration of Planet Earth	3	EX	1000	Exchange UEM	4	Approved
1	STAT	300	Intermediate Statistics for Application	3	EX	1002	Exchange UEM	4	Approved
1	CHBE	370	Fundamentals of Sustainable Engineering	3	ESE	3011	Integrated Project for Environ	4	Approved
1	GEOS	305	Introduction to Hydrology	3	GE	2703	Geography Exchange Course	4	Approved
1	GEOS	305	Introduction to Hydrology	3	GE	3255	Aquatic, Riparian and Coastal	4	Approved
1	CIVL	406	Water Treatment and Waste Management	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CHBE	483	Energy Engineering for Climate Change and Sustainability	3	ESE	4404	Bioenergy	4	Approved
1	BIOL	300	Fundamentals of Biostatistics	3	LSM	3257	Applied Data Analysis in Ecolo	4	Approved
1	EOSC	471	Waves, Currents and Ocean Mixing	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	EOSC	470	Biological Oceanography	3	ESE	4618	Exchange Technical Elective 3	4	Approved
1	GEOS	370	Advanced Geographic Information System	3	GE	3216	Applications of GIS & Remote S	4	Approved
1	CIVL	215	Fluid Mechanics I	4	CE	2134	Fluid Mechanics	4	Approved
1	EOSC	310	The Earth and the Solar System	3	GE	3701	Geography Exchange Course	4	Approved
1	EOSC	470	Biological Oceanography	3	LSM	4261	Marine Biology	4	Approved
1	BIOL	111	Introduction to Modern Biology	3	LSM	1301	General Biology	4	Approved

University of California_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	AHI	001D	Arts of Asia	4	GEC	1026	Art in Asia: Through Media, St	4	Approved
2	AHI	001D	Arts of Asia	4	GEC	1026	Art in Asia: Through Media, St	4	Approved
1	ENG	190	Professional Responsibilities of Engineers	3	EG	2401A	Engineering Professionalism	2	Rejected
1	MUS	11	Musics of the World	4	MUX	1204	Exchange Course (Music)	4	Approved
1	ECN	001B	Principles of Macroeconomics	4	BSP	2701	Global Economy	2	Approved
1	PLS	12	Plants & Society	4	GEC	1016	Plants and Society	4	Approved
1	ECI	3	Civil & Environmental Infrastructure & Society	4	EX	3897	Exchange Technical Elective (C	4	Approved
2	ECI	3	Civil & Environmental Infrastructure & Society	4	EX	2008	Exchange UEM (CEE)	4	Approved
1	CIV ENG	122	Design of Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	LD ARCH	C188	Geographic Information Science	4	GE	2215	Introduction to GIS	4	Approved
1	ENGRCEE	121	Transportation Systems I: Analysis and Design	4	CE	3121	Urban Transportation Engineeri	4	Approved
1	ENGRCEE	151C	Reinforced Concrete Design	4	CE	3165	Concrete Design for Urban Infr	4	Approved
1	ENGRCEE	155	Structural Steel Design	4	CE	3166	Structural Steel Design & Syst	4	Approved
1	ENGRCEE	156	Foundation Design	4	CE	3116	Foundation Engineering	4	Approved
1	ECI	132	Structural Design: Metallic Elements	4	CE	3166	Structural Steel Design & Syst	4	Approved
1	ECI	135	Structural Design: Concrete Elements	4	CE	3165	Concrete Design for Urban Infr	4	Approved
1	ECI	173	Foundation Design	4	CE	3116	Foundation Engineering	4	Approved
1	ENGRCEE	114	GIS for Civil and Environmental Engineering	4	GE	2215	Introduction to GIS	4	Rejected
1	ENGRCEE	114	GIS for Civil and Environmental Engineering	4	GE	3741	Department Exchange Course	4	Approved
1	ECI	162	Transportation Infrastructure Design	4	CE	3121	Urban Transportation Engineeri	4	Approved
1	MAT	168	Optimization	4	DSA	3102	Essential Data Analytics Tools	4	Approved
1	MAT	022A	Linear Algebra	3	MA	2001	Linear Algebra I	4	Approved
1	MAT	167	Applied Linear Algebra	4	MA	4230	Matrix Computation	4	Approved
1	ECN	001B	Principles of Macroeconomics	4	BSP	2701	Global Economy	2	Pending Approval
1	ECI	282	Pavement Design & Rehabilitation	4	CE	5204	PAVEMENT DESIGN & REHABILITATI	4	Approved
1	ECI	133	Structure & Properties of Civil Engineering Materials	4	CE	4981	Exchange Technical Elective	4	Rejected
1	ECI	175	Geotechnical Earthquake Engineering	4	CE	3982	Exchange Technical Elective	4	Approved
1	ECI	137	Construction Principles & Project Management	4	CE	3982	Exchange Technical Elective	4	Approved
1	MAT	168	Optimization	4	MA	3252	Linear and Network Optimisatio	4	Approved
1	ECI	133	Structure & Properties of Civil Engineering Materials	4	EX	2001	Exchange UEM	4	Rejected

Uni Illinois Urbana-Champaign_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	CEE	441	Air Pollution Sources, Transport and Control	4	ESE	3201	Air Quality in Changing Envrn	4	Approved
2	CEE	441	Air Pollution Sources, Transport and Control	4	EX	2046	Exchange UEM (CEE)	2	Approved
1	CEE	437	Water Quality Engineering	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ABE	436	Renewable Energy Systems	3	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	CEE	493	Sustainable Design Eng Tech	4	ESE	3011	Integrated Project for Environ	4	Approved
1	CEE	331	Fluid Dynamics in the Natural and Built Environment	4	CE	2134	Fluid Mechanics	4	Approved
1	NRES	287	Environment and Society	3	GE	3250	Nature and Society	4	Approved
1	ENSU	310	Renewable & Alternative Energy	4	GE	3254	Energy Futures: Environment an	4	Approved
1	GGIS	380	Geographic Information Systems II	4	GE	3238	GIS Design and Practices	4	Approved
1	GGIS	476	Environmental Remote Sensing	3	GE	3216	Applications of GIS & Remote S	4	Rejected
1	ENG	398	Grainger Engr: Design Your Exc	1	EX	1016	Exchange UEM (CEE)	2	Approved
1	ESE	100	Sustainable Earth	3	GEC	1040	A Culture of Sustainability	4	Rejected
1	ABE	488	Bioprocessing Biomass for Fuel	4	ESE	4404	Bioenergy	4	Approved
1	ETMA	438	Renewable Energy Applications	3	ESE	4406	Energy Systems and Climate Cha	4	Approved
1	CEE	331	Fluid Dynamics in the Natural and Built Environment	4	CE	2134	Fluid Mechanics	4	Approved
1	CEE	435	Public Health Engineering	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	STAT	400	Statistics and Probabiliy I	4	ST	2334	Probability and Statistics	4	Approved
1	CEE	434	Environmental Systems I	3	ESE	5602	Environmental Management Syste	4	Rejected
1	ABE	436	Renewable Energy Systems	4	ESE	4406	Energy Systems and Climate Cha	4	Approved

Yonsei University_Sem 1

Mapping Seq Nbr	PU Course Subject	PU Course Nbr	PU Course Title	PU Course Units	NUS Subject Area	NUS Catalog Nbr	NUS Course Title	NUS Course Unit	Mapping Status
1	CEE	3414	WATER MANAGEMENT ENGINEERING	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ATM	2102	Atmospheric Environment	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	IEE	1011	Basic Korean 1	3	LAK	1201	Korean 1	4	Approved
1	MEU	2640	Fluid Mechanics	3	CE	2134	Fluid Mechanics	4	Approved
1	IEE	2060	Principles of Marketing	3	MKT	1705X	Principles of Marketing	4	Approved
1	CEE	3422	Smart River Engineering	3	ESE	3401	Sustainable Urban Water Techno	4	Rejected
1	MST	4900	Energy conservation system	3	ESE	4616	Exchange Technical Elective 1	4	Rejected
1	IEE	3341-01	Basic Korean (1)	3	LAK	1201	Korean 1	4	Approved
1	CEE	3422	Smart River Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	IEE	3341-05	Basic Korean (1)	3	LAK	1731	Department Exchange Course	3	Approved
1	CEE	3412	HYDROSYSTEMS ENGINEERING	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CEE	3422	Smart River Engineering	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	IEE	3371	Understanding K-pop	3	SC	2741	Department Exchange Course	4	Approved
1	CEE	3412	HYDROSYSTEMS ENGINEERING	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CEE	3412	Hydrosystems Engineering	3	EX	4003	Exchange Technical Elective (C	4	Approved