

The Uni 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	ECON	102	Principles of Macroeconomics	3	EC	2102	Macroeconomic Analysis I	4	Rejected
1	ATSC	113	Applied Meteorology	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	FNH	200	Exploring Our Food	3	FST	1991	Exchange Enrichment Level 1000	4	Approved
1	CIVL	250	Engineering and Sustainable Development	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	COMM	298	Introduction to Finance	3	FIN	2704X	Finance	4	Approved
1	BUSI	300	Urban and Real Estate Economics	3	RE	2704	Introduction to Real Estate Valuation	4	Approved
1	ECON	302	Intermediate Macroeconomic Analysis I	3	EC	2102	Macroeconomic Analysis I	4	Rejected
1	FRST	303	Principles of Forest Science	3	SX	2997	Exchange Enrichment Course (4	4	Approved
1	STAT	306	Finding Relationships in Data	3	ST	3131	Regression Analysis	4	Approved
1	CIVL	311	Soil Mechanics II	4	CE	3116	Foundation Engineering	4	Rejected
1	CIVL	316	Hydrology and Open Channel Flow	4	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CIVL	331	Steel and Timber Design	4	CE	3166	Structural Steel Design & Syst	4	Rejected
1	CIVL	340	Transportation Engineering I	3	CE	3121	Transportation Engineering	4	Approved
1	CHBE	370	Fundamentals of Sustainable Engineering	3	ESE	3011	Integrated Project for Environ	4	Approved
1	CHBE	373	Water Pollution Control	4	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CIVL	406	Water Treatment and Waste Management	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	CIVL	416	Environmental Hydraulics	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	CIVL	418	Engineering Hydrology	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	CIVL	426	Virtual Design and Construction	3	CE	5808	Digital Design and Constructio	4	Approved
1	CIVL	430	Design for Concrete Structures	4	CE	3165	Structural Concrete Design	4	Approved
1	CIVL	432	Advanced Structural Steel Design	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CIVL	440	Transportation Engineering II	3	CE	4221	Design of Land Transport Infra	4	Approved
1	APSC	450	Professional Engineering Practice	2	EG	2401A	Engineering Professionalism	2	Approved
1	CHBE	483	Energy Engineering	3	ESE	4404	Bioenergy	4	Approved
1	CHBE	485	Air Pollution Prevention and Control	3	ESE	3201	Air Quality in Changing Envrn	4	Approved

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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	RELG	102	Introduction to Religions in Asia	3	GEC	1013	World Religions	4	Rejected
1	ASIA	110	Introduction to Religions in Asia	3	GEC	1013	World Religions	4	Rejected
1	EOSC	118	Earth's Treasures: Gold and Gems	3	EX	1020	Exchange UEM	2	Approved
1	CIVL	311	Soil Mechanics II	4	CE	3116	Foundation Engineering	4	Rejected
1	CIVL	316	hydrology and open channel flow	4	CE	3132	Hydrology and Free Surface Flo	4	Approved
2	CIVL	418	Engineering Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CIVL	331	Steel and Timber Design	4	CE	3166	Structural Steel Design & Syst	4	Rejected
1	CIVL	340	Transportation Engineering I	3	CE	3121	Transportation Engineering	4	Approved
1	CIVL	410	Foundation Engineering I	3	CE	3116	Foundation Engineering	4	Approved
1	CIVL	411	Foundation Engineering II	3	CE	3116	Foundation Engineering	4	Rejected
1	CIVL	426	Virtual Design and Construction	3	CE	5808QA	Virtual Design in BIM	2	Approved
2	CIVL	426	Virtual Design and Construction	3	CE	5808QB	Advanced Digital Construction	2	Approved
1	APSC	450	Professional Engineering Practice	2	EG	2401A	Engineering Professionalism	2	Approved
1	CIVL	316	Hydrology and Open Channel Flow	4	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CONS	200	Foundations of Conservation	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	CIVL	316	Hydrology and Open Channel Flow	4	CE	3981	Exchange Technical Elective	4	Rejected
1	CIVL	409	Municipal Engineering	3	CE	3981	Exchange Technical Elective	4	Approved
1	CIVL	331	Steel and Timber Design	4	CE	3981	Exchange Technical Elective	4	Approved
1	CNTO	311	Basic Cantonese for Mandarin Speakers	3	EX	2007	Exchange UEM (CEE)	4	Rejected
1	CNTO	311	Basic Cantonese for Mandarin Speakers	3	LAX	1741	Department Exchange Course	4	Approved
1	CIVL	418	Engineering Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	FNH	330	Introduction to Wine Science I	3	EX	1000	Exchange UEM	4	Approved
1	FNH	330	Introduction to Wine Science I	3	CE	3962	Exchange Unrestricted Elective	4	Rejected

Uni of Bologna_Sem 2

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	35398	Sustainable Transportation Engineering M	6	CE	3121	Transportation Engineering	4	Rejected
1	ICAR/05	35398	Sustainable transportation engineering	6	CE	3121	Transportation Engineering	4	Rejected
1	SECS-P/7	37299	Financial Analysis	9	EX	1005	Exchange UEM (CEE)	4	Rejected
1	ICAR/09	72756	Advanced Design of Structures	9	CE	3165	Structural Concrete Design	4	Approved
1	ICAR/02	72757	Advanced Hydrosystems Engineering	9	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CE	72781	Earthquake Engineering	6	CE	5516	Structural Stability & Dynamic	4	Rejected
1	CE	72781	Earthquake Engineering	6	CE	5516QA	Structural Stability Concepts	2	Approved
2	CE	72781	Earthquake Engineering	6	CE	5516QB	Structural Dynamics Concepts &	2	Approved
1	CE	86582	Building Information Modeling	6	CE	3981	Exchange Technical Elective	4	Rejected
1	CE	86582	Building Information Modeling	6	CE	5808	Digital Design and Constructio	4	Rejected
1	CE	86582	Building Information Modeling	6	CE	5808QA	Virtual Design in BIM	2	Approved
2	CE	86582	Building Information Modeling	6	CE	5808QB	Advanced Digital Construction	2	Approved
1	CE	92874	DESIGN OF FOUNDATIONS AND RETAINING STRUCTUR	6	CE	3116	Foundation Engineering	4	Approved
1	ICAR/07	92874	Design of foundations and retaining structure	6	CE	3116	Foundation Engineering	4	Approved
1	MAT/08	96765	Numerical Differential Equations	6	MA	1521	Calculus for Computing	4	Rejected
1	SECS-P/1	B2204	Macroeconomic models for policy analysis	6	EC	2102	Macroeconomic Analysis I	4	Rejected
1	CE	99629	building information modelling	6	CE	5808QA	Virtual Design in BIM	2	Rejected
2	CE	99629	building information modelling	6	CE	5808QB	Advanced Digital Construction	2	Rejected
1	-	94410	History and Culture of European Cities	4	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	-	94410	History and Culture of European Cities	4	EX	1015	Exchange UEM (CEE)	3	Approved
1	CE	92867	SURVEY AND MONITORING OF TRANSPORT INFRASTRUCTURES	6	CE	5209	Transportation Data Analytics	4	Rejected
1	CE	72748	Sustainability In Construction	6	CE	2184	Infrastructure & The Environme	4	Rejected
1	CE	99629	BUILDING INFORMATION MODELING (BIM)	6	CE	2409	Computer Applications in Civil	4	Approved
1	UE	88545	SEM. MANAGING DIGITAL TRANSFORMATION	4	EX	1012	Exchange UEM (CEE)	3	Approved
1	UE	32517	LABORATORY OF MANAGEMENT OF VISUAL ART	3	EX	1016	Exchange UEM (CEE)	2	Approved
1	CE	88318	Advanced Structural Design	9	CE	3166	Structural Steel Design & Syst	4	Rejected

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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	ENGRCEE	121	Transportation systems I: analysis and design	4	CE	3121	Transportation Engineering	4	Approved
1	ENGRCEE	151C	Reinforced Concrete Design	4	CE	3165	Structural Concrete Design	4	Approved
1	ENGRCEE	156	Foundation Design	4	CE	3116	Foundation Engineering	4	Approved
1	ENGRCEE	155	Structural Steel Design	4	CE	3166	Structural Steel Design & Syst	4	Approved
1	PHILOS	122	Topics in Philosophy of Mind	4	PH	2241	Philosophy of Mind	4	Approved
1	PHILOS	4	Introduction to Ethics	4	PH	2208	Applied Ethics	4	Approved
1	PSYCH	7A	Introduction to Psychology	4	PL	1101E	Introduction to Psychology	4	Approved
1	SOCIOL	1	Introduction to Sociology	4	SC	1101E	Making Sense of Society	4	Approved
1	ANTHRO	2A	Introduction to Sociocultural Anthropology	4	AN	1101E	Anthropology & Human Condition	4	Approved

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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	CIV ENG	277	Advanced Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CIV ENG	123	Design of Reinforced Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CIV ENG	203N	Surface Water Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CIV ENG	247	Design of Steel and Composite Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CIVENG	191	Civil and Environmental Engineering Systems A	3	CE	3121	Transportation Engineering	4	Rejected
1	CIV ENG	259	Public Transportation Systems	3	CE	3121	Transportation Engineering	4	Rejected
1	ECI	161	Transportation System Operations	4	CE	3121	Transportation Engineering	4	Approved
1	ECI	132	Structural Design: Metallic Elements	4	CE	3166	Structural Steel Design & Syst	4	Approved
1	ECN	001B	Principles of Macroeconomics	4	BSP	2701	Global Economy	2	Approved
1	ENG	190	Professional Responsibilities of Engineers	3	EG	2401A	Engineering Professionalism	2	Rejected

Uni of Canterbury_Sem 2

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	ENCN	452	Advanced Geotechnical Engineering	15	CE	3116	Foundation Engineering	4	Approved
1	ENCN	361	Transportation Engineering	15	CE	3121	Transportation Engineering	4	Approved
1	ENCI	436	Behaviour and Design of Structures 2	30	CE	3166	Structural Steel Design & Syst	4	Rejected
2	ENCI	436	Behaviour and Design of Structures 2	30	CE	3165	Structural Concrete Design	4	Rejected
1	ENCN	401	Engineering in Developing Communities	15	CE	3961	Exchange Unrestricted Elective	4	Approved
1	ENCI	438	Introduction to Structural Earthquake Engineering	15	CE	3962	Exchange Unrestricted Elective	4	Approved
1	ENCN	454	Introduction to Geotechnical Earthquake Engineering	15	CE	3963	Exchange Unrestricted Elective	4	Approved
1	ENGR	403	Fire Engineering	15	CE	3981	Exchange Technical Elective	4	Approved
1	GEOG	205	Introduction to Geographic Information Systems and Science	15	GE	2215	Introduction to GIS	4	Approved
1	MAOR	165	Tuakiri: Culture and Identity	15	SC	2741	Department Exchange Course	4	Approved
1	MAOR	107	Te Ara O Tawhaki: Maori Thought, Beliefs and Practices	15	PH	1701	PHILOSOPHY EXCHANGE COURSE	4	Approved
1	WATR	301	Water Resource Management	15	CE	3982	Exchange Technical Elective	4	Approved
1	ANTA	102	Antarctica: The Cold Continent	15	GE	1701	Geography Exchange Course	4	Approved
1	GEOG	101	Building Planet Earth: Fundamentals of Earth Science	15	GE	2103	Our Planet: An Earth System Sc	4	Approved

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1	GE	1105	Chinese Music Appreciation	3	GEC	1001	Chinese Music, Language and Li	4	Approved
1	GE	1301	Climate Change and Extreme Weather	3	CE	3961	Exchange Unrestricted Elective	4	Approved
1	GE	1355	Sustainable Energy and Environmental Engineering	3	EX	1000	Exchange UEM	4	Approved
1	ADSE	2066	Professional Engineering Practice	3	EG	2401A	Engineering Professionalism	2	Approved
1	CA	2066	Professionals and Society	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	ADSE	2066	Professional Engineering Practice	3	EG	2401A	Engineering Professionalism	2	Approved
1	SEE	2203	Environmental, Safety, and Occupational Health Management	3	PF	4208	Safety and Health Management	4	Approved
1	CA	2213	Development Economics	3	EX	2009	Exchange UEM (CEE)	4	Approved
1	CA	2744	Building Technology	3	PF	2107	Construction Technology	4	Rejected
1	LC	2996	Basic Cantonese for Non-Chinese Speakers I	3	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	SEE	3002	Introduction to Energy and Energy-related Environmental Economics	3	PF	3504	Energy Management	4	Approved
1	SEE	3103	Energy Efficiency in Buildings	3	PF	3210	Total Building Performance	4	Approved
1	CA	3214	Construction Economics	3	CE	3982	Exchange Technical Elective	4	Approved
1	CA	3314	Surveying Studio	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	CA	3619	Design of Structural Elements	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CA	3712	Electrical Services	3	CE	3982	Exchange Technical Elective	4	Approved
1	CA	4413	Construction Project Management	3	CE	3981	Exchange Technical Elective	4	Approved
1	CA	4737	Fire Science and Modelling	3	CE	3981	Exchange Technical Elective	4	Approved

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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	EE	2066	Engineers in Society	3	EG	2401A	Engineering Professionalism	2	Approved
1	CA	2676	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CS	3103	Operating Systems	3	CS	2106	Introduction to Operating Syst	4	Approved
1	CA	3168	Building Information Modelling for Capital Projects	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	CA	3401	Construction Management and Economics	3	CE	3982	Exchange Technical Elective	4	Approved
1	CB	3410	Financial Management	3	FIN	2704	Finance	4	Approved
1	CA	3619	Design of Structural Elements	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CA	3619	Design of Structural Elements	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CA	3634	Reinforced and Prestressed Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CA	3634	Reinforced and Prestressed Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CA	3677	Hydraulics and Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CA	3677	Hydraulics and Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CS	4182	Computer Graphics	3	CS	3241	Computer Graphics	4	Approved
1	CS	4286	Internet Security and e-Commerce Protocols	3	CS	2107	Introduction to Information Se	4	Approved
1	CA	4682	Advanced Geotechnical and Foundation Engineering	3	CE	3116	Foundation Engineering	4	Rejected

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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	CSE	30337	Water and Waste Management	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	BSE	4413	Indoor Air Quality Engineering	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	CSE	40462	Environmental Impact Assessment - theory and practice	3	ESE	4408	Environmental Impact Assessmen	4	Approved
1	EE	461	Energy Efficient Design	3	ESE	4406	Energy Sys and Clim Chng Mitig	4	Rejected
1	CSE	40475	Sustainable Development Strategy	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	CSE	40430	Fundamentals of Risk Assessment and Management	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	BSE	1BN04	Creating Sustainable Living Environments	3	ESE	3011	Integrated Project for Environ	4	Rejected
1	BSE	455	Sustainable Buildings	3	PF	3210	Total Building Performance	4	Approved
1	EE	460	Energy Policy and Management	3	PF	3504	Energy Management	4	Approved
1	CSE	544	Sustainable Development and Environmental Planning	3	CE	3001	Water-Food-Energy Nexus	4	Approved
1	CSE	560	Indoor Air Quality Management	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	CSE	30331	Air and Noise Pollution Studies for Civil Engineering	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	SD	3250	Production Technologies for Communication Design	3	CDE	2000	Creating Narratives	4	Rejected
1	BSE	4412	Renewable Energy	3	ESE	4406	Energy Sys and Clim Chng Mitig	4	Approved
1	CSE	518	WATER & WASTEWATER TREATMENT	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ISE	1D02	Renewable Energy for A Sustainable World	3	ID	2122	Ecodesign And Sustainability	4	Rejected
1	CSE	548	Global Climate Change and Society Response	3	ESE	4408	Environmental Impact Assessmen	4	Rejected
1	CSE	548	Global Climate Change and Society Response	3	ESE	4406	Energy Sys and Clim Chng Mitig	4	Rejected

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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 Co	4	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	ABE	436	Renewable Energy Systems	3	ESE	4406	Energy Sys and Clim Chng Mitig	4	Approved
1	CEE	437	Water Quality Engineering	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ACE	251	The World Food Economy	3	CE	3001	Water-Food-Energy Nexus	4	Rejected
1	NPRE	461	Probabilistic Risk Assessment	3	ESE	4408	Environmental Impact Assessmen	4	Rejected
1	CEE	495	Professional Practice	1	EG	2401A	Engineering Professionalism	2	Rejected
1	CEE	493	Sustainable Design Eng Tech	4	ESE	3011	Integrated Project for Environ	4	Approved
1	ABE	488	Bioprocessing Biomass for Fuel	4	ESE	4404	Bioenergy	4	Approved
1	CEE	451	Environmental Fluid MechanicsCourse	3	CE	2134	Fluid Mechanics	4	Rejected
1	ETMA	438	Renewable Energy Applications	3	ESE	4406	Energy Sys and Clim Chng Mitig	4	Approved
1	CEE	331	Fall 2023 All Classes Fluid Dynamics in	4	CE	2134	Fluid Mechanics	4	Approved
1	DANC	216	Dance II	2	EX	1000	Exchange UEM	4	Rejected
1	DANC	216	DANCE II	2	TS	1741	Department Exchange Course	4	Approved
1	CEE	441	Air Pollution Sources, Transport and Co	4	ESE	3201	Air Quality in Changing Envrn	4	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 Sys and Clim Chng Mitig	4	Approved
1	CEE	331	Fluid Dynamics in the Natural and Built	4	CE	2134	Fluid Mechanics	4	Approved
1	CEE	495	Professional Practice	0.01	EG	2401A	Engineering Professionalism	2	Rejected
1	CHBE	455	Polymers Synthesis and Industrial Appl	3	CN	4203R	Polymer Engineering	4	Approved
1	CEE	475	Tissue Engineering	3	BN	4301	Principles Of Tissue Engineeri	4	Approved
1	MSE	470	Design and Use of Biomaterials	3	MLE	3202	Materials for Biointerfaces	4	Approved
1	CEE	435	Public Health Engineering	3	ESE	4616	Exchange Technical Elective 1	4	Approved

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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	460	Steel Structures I	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CEE	461	Reinforced Concrete I	3	CE	3165	Structural Concrete Design	4	Approved
1	CEE	310	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	ECE	316	Ethics and Engineering	3	EG	2401A	Engineering Professionalism	2	Approved
1	CEE	484	Applied Soil Mechanics	3	CE	3116	Foundation Engineering	4	Rejected

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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	460	Steel Structures I	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CEE	461	Reinforced Concrete I	3	CE	3165	Structural Concrete Design	4	Approved
1	CEE	310	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	ECE	316	Ethics and Engineering	3	EG	2401A	Engineering Professionalism	2	Approved
1	CEE	484	Applied Soil Mechanics	3	CE	3116	Foundation Engineering	4	Rejected

KTH Royal Institute 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	ID	1021	Algorithms and Dtdata Structures	7.5	CS	2040	Data Structures and Algorithms	4	Approved
1	DD	1337	Programming	7	CS	2030	Programming Methodology II	4	Rejected
1	AH	1907	Installation 1. Road, Railways and Wastewater Networks	7.5	CE	3121	Transportation Engineering	4	Approved
1	AK	2011	Technology and Ethics	7.5	EG	2401A	Engineering Professionalism	2	Approved
1	AK	2017	Introduction to Research Ethics	3	EG	2401A	Engineering Professionalism	2	Rejected
1	ME	2072	Entrepreneurship for Engineers	6	IS	3251	Principles of Technology Entre	4	Approved
1	AF	2101	Concrete Structures	7.5	CE	3165	Structural Concrete Design	4	Approved
1	AH	2102	Logistics and Transportation	7.5	GE	3236	Transport and Communications	4	Approved
1	EP	2120	Internetworking	7.5	CS	2105	Introduction to Computer Netwo	4	Approved
1	AG	2134	Contemporary Urban Theory, Advanced Course	7.5	GE	3204	Cities and Regions: Planning for Change	4	Approved
2	AG	2134	Contemporary Urban Theory, Advanced Course	7.5	GE	3248	Cities in Transition	4	Approved
1	AH	2170	Transport Data collection and Analysis	7.5	CE	5209	Transportation Data Analytics	4	Approved
1	AH	2171	Traffic Engineering and Management	7.5	CE	3121	Transportation Engineering	4	Rejected
1	AH	2173	Public Transport	7.5	CE	5206	Urban Public Transportation Sy	4	Approved
1	AF	2213	Steel and Timber Structures	7.5	CE	3166	Structural Steel Design & Syst	4	Approved
1	AH	2307	Urban Modeling and Decision Support	7.5	CE	5209	Transportation Data Analytics	4	Rejected
1	DD	2395	Computer Security	6	CS	2107	Introduction to Information Se	4	Approved
1	AE	2401	Engineering Geology	7.5	CE	3981	Exchange Technical Elective	4	Approved
1	AG	2411	GIS Architecture and Algorithms	7.5	GE	2215	Introduction to GIS	4	Approved
1	AF	2609	Foundation Engineering	7.5	CE	3116	Foundation Engineering	4	Approved
1	AF	2610	Tunnel Engineering	7.5	CE	5104	Underground Space	4	Approved
1	AF	2611	Geotechnical Engineering, Advanced Course	7.5	CE	3115	Stability of Slopes and Earth	4	Rejected
1	ME	2620	Technology-based Entrepreneurship	7.5	IS	3251	Principles of Technology Entre	4	Approved
1	ME	2621	Business Opportunity Development	7.5	IS	3251	Principles of Technology Entre	4	Approved
1	AF	2901	Road- and Railway Track Engineering	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	AF	2901	Road- and Railway Track Engineering	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	LS	140N	Swedish A1 for Engineers	7.5	LAX	1741	Department Exchange Course	4	Rejected
1	LS	140N	Swedish A1 for Engineers	7.5	LAX	1741	Department Exchange Course	4	Approved
1	AE	A501	Environmental Impact Assessment	7.5	ENV	3104	Socio-Eco Ass of Env Impact	4	Approved
1	AF	2101	AF2101 Concrete Structures	7.5	CE	3165	Structural Concrete Design	4	Approved
1	AH	2102	Logistics and Transportation	7.5	GE	3236	Transport and Communications	4	Approved
1	AG	2411	GIS Architecture and Algorithms	7.5	GE	2215	Introduction to GIS	4	Approved
1	AK	1213	Swedish Society, Culture and Industry in Historical Perspective	7.5	EX	2012	Exchange UEM	4	Rejected
1	AK	1213	Swedish Society, Culture and Industry in Historical Perspective	7.5	HY	2741	Department Exchange Course	4	Approved

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	CIVE	463	Design of Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CIVE	416	Geotechnical Engineering	3	CE	3116	Foundation Engineering	4	Rejected
1	CIVE	319	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	FACC	100	Introduction to the Engineering Profession	1	EG	2401A	Engineering Professionalism	2	Approved
1	FACC	400	Engineering Professional Practice	1	EG	2401A	Engineering Professionalism	2	Rejected
1	CIVE	520	Groundwater Hydrology	3	CE	4981	Exchange Technical Elective	4	Approved
1	CIVE	421	Municipal Systems	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CIVE	460	Matrix Structural Analysis	3	CE	3981	Exchange Technical Elective	4	Approved
1	CIVE	512	Advanced Civil Engrg Materials	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIVE	324	Sustainable Project Management	3	CE	2183	Construction Project Mgmt	4	Rejected
1	CIVE	546	Selected Topics in Civil Eng 1	3	CE	3982	Exchange Technical Elective	4	Approved
1	CIVE	416	Geotechnical Engineering	3	CE	3116	Foundation Engineering	4	Rejected
1	CIVE	416	Geotechnical Engineering	3	CE	3115	Stability of Slopes and Earth	4	Approved
1	ESYS	104	The Earth System	3	GE	2103	Our Planet: An Earth System Sc	4	Approved
1	EPSC	201	Understanding Planet Earth	3	HS	2907	Earth and Beyond	4	Rejected
1	EPSC	180	Terrestrial Planets	3	HS	2907	Earth and Beyond	4	Approved

National Yang Ming Chiao Tung Uni_Sem 2

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	DEM	4321	Engineering Economy	3	PF	2205	Project Finance	4	Approved
1	ICV	5654	Open Channel Hydraulics	3	CE	5312	Open Channel Hydraulics	4	Rejected
1	ENCV	10016	Fluid Mechanics	3	CE	2134	Fluid Mechanics	4	Approved
1	ENCV	10024	Reinforced Concrete	3	CE	3165	Structural Concrete Design	4	Approved
1	HKHS	20002	Taiwan Society and Culture	3	ESE	4612	Exchange Unrestricted Elective	4	Remapping Required
1	ENNV	30004	Fundamental and Applications of	3	ESE	4617	Exchange Technical Elective 2	4	Approved
1	ENNV	30033	Advance Aerosol Measurement	3	ESE	3201	Air Quality in Changing Envrn	4	Rejected
1	ENNV	30039	Applied and Environmental Micro	3	ESE	3301	Microbiology in Natural and Bu	4	Approved
1	MGTM	30061	Railway Engineering	3	CE	3981	Exchange Technical Elective	4	Approved

National Taiwan Uni_Sem 2

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	CIE	5016	Water Resource Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CIE	2014	Transportation Systems	3	CE	3121	Urban Transportation Engineeri	4	Approved
1	CIE	5021	FOUNDATION DESIGN AND CONSTRUCTION (I)	3	CE	3116	Foundation Engineering	4	Approved
1	CIE	3008	Structural Systems for Civil Engineering	3	CE	3166	Structural Steel Design & Syst	4	Rejected
1	CIE	3013	Hydraulic Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected

National Taiwan Uni of Sci & Tech_Sem 1 & 2

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	3TG	83701	Occupational Ethics and Workplace Spirituality	3	EG	2401A	Engineering Professionalism	2	Approved
1	TCG	115302	Culture and Life in Taiwan's Traditional Society	2	EX	1013	Exchange UEM (CEE)	3	Approved
2	GD	1001301	Introduction to Engineering and Engineering Ethics	2	EG	2401A	Engineering Professionalism	2	Rejected
1	CE	1002301	Introduction to Engineering and Engineering Ethics	2	EG	2401A	Engineering Professionalism	2	Rejected
1	CS	2008302	Probability and statistics	3	ST	2334	Probability and Statistics	4	Rejected
1	TE	3010301	Reinforced Concrete Design	3	CE	3165	Structural Concrete Design	4	Approved
1	CT	3304303	Reinforced Concrete Design	3	CE	3165	Structural Concrete Design	4	Approved
1	CT	3307303	Structural Steel Design	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	3T	3338702	Planet of the Apes All The World's Primates	3	EX	3103	Exchange UEM (CEE)	4	Approved
1	CT	3403303	Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CT	3709701	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CT	3801702	Hydrology for Engineers	3	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CT	3901701	Hydraulic Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CX	4018701	AR/VR Programming	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CT	4810701	Special Topics on Engineering Applications of Building Informatio	3	CE	5808QA	Virtual Design in BIM	2	Rejected
1	CT	5013701	Principles and Applications of Environmental Economics	3	CE	4981	Exchange Technical Elective	4	Approved
1	SI	5039701	5G Network Foundation	3	IPM	4201	Smart Facility Management Robo	4	Approved
1	CT	5607701	Special Topic of Geotextile	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	CT	5608701	Advanced Foundation Engineering	3	CE	3116	Foundation Engineering	4	Rejected
1	AD	5627701	Building Information Modeling-application and Practice	3	CE	5808QB	Advanced Digital Construction	2	Rejected
1	CT	5805701	Software Engineering in Construction Information Systems	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	5907701	Pavement Engineering	3	CE	3121	Transportation Engineering	4	Rejected
1	CT	6301701	Behavior of Steel Members	3	CE	3166	Structural Steel Design & Syst	4	Approved
2	CT	6303701	Advanced Behavior and Design of Steel Structure	3	CE	3166	Structural Steel Design & Syst	4	Rejected
1	3N	6451701	Studies in Professional Ethics	3	EG	2401A	Engineering Professionalism	2	Approved
1	3N	7340701	Introduction to Marine Geology	3	EX	2009	Exchange UEM (CEE)	4	Approved
1	3T	8248701	Foundation Design and Analysis	3	CE	3116	Foundation Engineering	4	Approved

National Yang Ming Chiao Uni_Sem 2

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	ENCV	10024	Reinforced Concrete	3	CE	3165	Concrete Design for Urban Infr	4	Approved
1	MGTM	30061	Railway Engineering	3	CE	3121	Urban Transportation Engineeri	4	Rejected
1	MGTM	30061	Railway Engineering	3	CE	3981	Exchange Technical Elective	4	Approved
1	ICV	5654	Open Channel Hydraulics	3	CE	5312	Open Channel Hydraulics	4	Rejected
1	DEM	4321	Engineering Economy	3	PF	2205	Project Finance	4	Approved
1	ENNV	30042	Environmental Planning And Management	3	PF	3305	Facilities Planning and Desig	4	Approved
1	ENCV	10011	Engineering Economics	3	PF	2205	Project Finance	4	Approved

Oulu Uni_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	904	016Y	Elementary Course in French I	5	LAF	1721	Department Exchange Course	2	Approved
1	900	017Y	Survival Finnish	2	LAX	1741	Department Exchange Course	4	Approved
1	480	110S	Water and Wastewater Treatment	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	488	110S	Water and Wastewater Management	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	448	110S	Sustainable Urban Water Technology	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	477	123S	Chemical processing of biomasses	5	ESE	4618	Exchange Technical Elective 3	4	Approved
1	488	143S	Environmental Impact Assessment	5	ESE	4408	Environmental Impact Assessmen	4	Approved
1	488	209S	Renewable Energy	5	ESE	4406	Energy Sys and Clim Chng Mitig	4	Approved
1	477	309S	Process and Environmental Catalysis	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	488	321S	Bioreactor technology	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	555	377S	Risk Management	5	PF	4208	Safety and Health Management	4	Rejected
1	766	383A	Climate.Now	2	PC	1991	Exchange Enrichment Level 1000	4	Approved
1	488	501S	Smart Grid I: Integrating renewable energy sources	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	488	504S	Fundamentals of nuclear energy	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	477	506S	Modeling and Control of Biotechnical Processes	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	488	507S	Energy Systems Engineering	5	PF	3504	Energy Management	4	Approved
1	488	508S	Energy Economics	5	EC	2383	Environmental Economics	4	Rejected
1	683	782P	Nordic Mythology	5	EN	2741	Department Exchange Course	4	Approved
1	683	782P	Nordic Mythology	5	EX	1000	Exchange UEM	4	Approved
1	PHYSICS	766383A	Climate.Now	2	PC	1991	Exchange Enrichment Level 1000	4	Approved

Oulu Uni_Sem 2

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	811	322A	Programming 2	5	CS	2030	Programming Methodology II	4	Rejected
1	488	506S	Sustainable Urban Energy	5	EX	4001	Exchange Technical Elective	4	Approved
1	488	052A	Introduction to Bioproduct and Bioprocess engineering	5	EX	4004	Exchange Technical Elective (C)	4	Approved
1	812	355A	User Experience (UX) Design and Management	5	CS	3249	User Interface Development	4	Rejected
1	488	502S	Smart buildings/smart customers in the smart grid	5	EX	4008	Exchange Technical Elective (C)	4	Approved
1	724	812P	Building Change Through Entrepreneurship	5	EX	1005	Exchange UEM (CEE)	4	Approved
1	477	207S	Industrial Water and Wastewater Technologies	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	488	214S	Air Pollution Control Engineering - Practical Solutions	5	ESE	3201	Air Quality in Changing Envrn	4	Rejected
1	488	306S	Non-ideal Reactors	5	ESE	4616	Exchange Technical Elective 1	4	Approved
1	488	503S	Smart Grid III: Smart energy networks	5	EX	4009	Exchange Technical Elective (C)	4	Approved
1	900	017Y	Survival Finnish	2	LAX	1741	Department Exchange Course	4	Approved
1	488	402S	Sustainable Development	5	EX	4008	Exchange Technical Elective (C)	4	Approved
1	BO00	AJ47	Introduction to Business Analytics	5	EX	1001	Exchange UEM	4	Rejected
1	BO00	AL47	Principles of Marketing	5	EX	1002	Exchange UEM	4	Rejected
1	BO00	AJ47	Introduction to Business Analytics	5	BT	1101	Introduction to Business Analy	4	Rejected

Uni of Southern 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	CE	485	Water and Wastewater Treatment Design	4	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	ENE	527	Climate Change and Atmospheric Aerosols	4	ESE	3201	Air Quality in Changing Envrn	4	Rejected
1	ENE	505	Energy and the environment	4	ESE	4406	Energy Sys and Clim Chng Mitig	4	Rejected
1	CE	453	Water Quality Science and Engineering	4	ESE	4617	Exchange Technical Elective 2	4	Approved
1	CE	485	Water and Wastewater Treatment Design	4	ESE	4401	Water & Wastewater Engineerg 2	4	Rejected
1	CE	453	Water Quality Science and Engineering	4	ESE	4616	Exchange Technical Elective 1	4	Rejected
1	IML	201	The languages of Digital media	4	NM	2741	Department Exchange Course	4	Approved
1	ENE	415	Environmental Organic Chemistry	4	ESE	4616	Exchange Technical Elective 1	4	Approved
1	CE	485	Water and Wastewater Treatment Design	4	ESE	4617	Exchange Technical Elective 2	4	Rejected
1	ENST	100G	Introduction to Environmental Studies	4	ENV	2991	Exchange Enrichment Level 2000	4	Rejected
1	ENST	150XG	Environmental Issues in Society	4	ENV	1991	Exchange Enrichment Level 1000	4	Rejected
1	ENE	215	Energy Systems and Environmental Tradeoffs	4	ESE	4612	Exchange Unrestricted Elective	4	Rejected
1	CTCS	190G	Introduction to Cinema	4	NM	1711	Department Exchange Course	1	Rejected
1	CTCS	190G	Introduction to Cinema	4	NM	2742	Department Exchange Course	4	Approved
1	CE	410L	Introduction to Environmental Engineering Microbiology	4	ESE	4616	Exchange Technical Elective 1	4	Approved
1	ENE	215	Energy Systems and Environmental Tradeoffs	4	EX	2007	Exchange UEM (CEE)	4	Approved
1	CE	453	Water Quality Science and Engineering	4	EX	2008	Exchange UEM (CEE)	4	Rejected

Uni of Southern Denmark - Odense University_Sem 2

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	ENGINEER	T140030102	Sustainable Urban Development	5	CE	3121	Transportation Engineering	4	Rejected
1	ENG	T000026102	Theory and analysis of steel structures	5	CE	3116	Foundation Engineering	4	Rejected
2	ENG	T000026102	Theory and analysis of steel structures	5	CE	3116	Foundation Engineering	4	Rejected
1	ENG	T000026102	Theory and analysis of steel structures	5	CE	3116	Foundation Engineering	4	Rejected
2	ENG	T000036102	Project in analysis of steel structures	5	CE	3116	Foundation Engineering	4	Rejected
1	ENG	XP-STL2	Project in Analysis of Steel Structures	5	CE	3166	Structural Steel Design & Syst	4	Rejected
1	ENG	B-STL2	Theory and analysis of steel structures	5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	ENG	14-APPLE22	Sustainable Urban Development	5	CE	3981	Exchange Technical Elective	4	Approved
1	ENG	ET4-EOP	Engineering Optimization	5	CE	3962	Exchange Unrestricted Elective	4	Approved
1	ENG	ET6-EM	Energy Management	5	EX	3103	Exchange UEM (CEE)	4	Approved

Technical University 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	DTU	12228	Urban air pollution	5	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	DTU	12109	Physico-Chemical Water Treatment Technologies	5	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	DTU	28872	Biorefinery	5	ESE	4404	Bioenergy	4	Approved
1	DTU	12104	Environmental Modelling	10	ESE	4616	Exchange Technical Elective 1	4	Approved
1	DTU	12336	Groundwater Quality	5	ESE	4617	Exchange Technical Elective 2	4	Approved
1	DTU	12145	Terrestrial Ecology for Engineers	5	ESE	4612	Exchange Unrestricted Elective	4	Approved
1	DTU	28870	Energy and Sustainability	5	GE	3254	Energy Futures: Environment an	4	Approved
1	DTU	10041	Physics 2 - General Engineering	5	PC	1101	Frontiers of Physics	4	Approved
1	DTU	10333	Physics of Sustainable Energy	5	ESE	4613	Exchange Unrestricted Elec 5	4	Approved
1	DTU	47202	Introduction to future energy	5	EX	3897	Exchange Technical Elective (C	4	Approved
1	DTU	10041	Physics 2 - General Engineering	5	PC	1201	Fundamentals of Physics	4	Approved

Technion-Israel Institute of Technology

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	1	4153	Concrete Structures 1	4	CE	3165	Structural Concrete Design	4	Approved
1	1	4205	Hydraulics	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	1	4212	Introduction to Hydrological Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	1	4942	Hydraulic Engineering	2.5	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	1	4603	Engineering Economics	2.5	EG	2401A	Engineering Professionalism	2	Rejected
1	CVE	14733	Traffic engineering and management	4	CE	3121	Transportation Engineering	4	Rejected
1	CVE	19714	advanced traffic engineering	2	CE	3121	Transportation Engineering	4	Rejected
1	1	4603	Engineering Economics	2.5	IE	2140	Engineering Economy	4	Rejected
1	20	7953	Coastal and Marine Management	3	EX	2004	Exchange UEM	4	Remapping Required
1	1	4733	Traffic engineering and management	4	EX	3103	Exchange UEM (CEE)	4	Rejected
1	1	4733	Traffic engineering and management	4	CE	5203	Traffic Flow & Control	4	Approved
1	1	4603	Engineering Economics	2.5	IE	2111	Industrial & Systems Engrg Pri	4	Rejected

Texas A & M University, College Station, Texas_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	CVEN	444	Structural Concrete Design	3	CE	3165	Structural Concrete Design	4	Approved
1	CVEN	307	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CVEN	446	Structural Steel Design	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	ENGR	482	Ethics and Engineering	3	EG	2401A	Engineering Professionalism	2	Approved
1	CVEN	435	Geotechnical Engineering Design	3	CE	3116	Foundation Engineering	4	Rejected
1	CVEN	463	Engineering Hydrology	3	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CVEN	473	Engineering Project Estimating and Planning	3	CE	5805	DfMA & Productivity Analytics	4	Rejected
1	CVEN	418	Highway Materials and Pavement Design	3	CE	5204	Pavement Design & Rehab	4	Approved
1	CVEN	457	Urban Traffic Facilities	3	CE	4981	Exchange Technical Elective	4	Approved
1	CVEN	315	Sensor Technology for the Built Environment	3	CE	3981	Exchange Technical Elective	4	Rejected
1	CVEN	449	Visualization and Building Information Modelin	1	CE	5808	Digital Design and Constructio	4	Rejected
1	CVEN	449	Visualization and Building Information Modelin	1	CE	5808QA	Virtual Design in BIM	2	Rejected
1	CVEN	423	Geomatics for Civil Engineering	3	CE	3981	Exchange Technical Elective	4	Approved
1	CVEN	465	Coastal Resilience	3	CE	5308QA	Coastal Processes and Protection	2	Approved
1	CVEN	365	Introduction to Geotechnical Engineering	3	CE	3116	Foundation Engineering	4	Rejected
1	CVEN	339	Water Resources Engineering	3	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CVEN	365	Introduction to Geotechnical Engineering	3	CE	3116	Foundation Engineering	4	Rejected
1	CVEN	465	Coastal Resilience	3	CE	5308QA	Coastal Processes and Protecti	2	Rejected
2	CVEN	465	Coastal Resilience	3	CE	5308QB	Sediment Transport and Coastal	2	Rejected
1	CVEN	465	Coastal Resilience	3	CE	5308QA	Coastal Processes and Protecti	2	Approved
2	CVEN	465	Coastal Resilience	3	EX	4112	Exchange Technical Elective (C	2	Approved

Note: NFX is only for NOC programme students. If not in NOC, you can try to map them to other course

The Uni of Texas at Austin_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	369L	Air Pollution Engineering	3	ESE	3201	Air Quality in Changing Envrn	4	Approved
1	CE	342	3401	3	ESE	3401	Sustainable Urban Water Techno	4	Approved
1	MNS	352C	Estuarine Ecology	3	GE	3255	Aquatic, Riparian and Coastal	4	Approved
1	MNS	354	Marine Invertebrates	3	LSM	4266	Aquatic Invertebrate Diversity	4	Approved
1	UGS	302	WHY WE BELIEVE WEIRD THINGS	3	NFC	2003	Overseas Exchange Module	4	Approved
1	EVS	141	ENVIR SCI PROFESSIONALISM I	3	NFC	2004	Overseas Exchange Module	4	Approved
1	ANT	348K	An in-depth study of current topics, controversies, and literature on the evolution, morphology, gen	3	NFC	2005	Overseas Exchange Module	4	Approved
1	ANT	348K	PRIMATE CONSERVATION	3	NFC	2001	Overseas Exchange Module	4	Approved
1	AMS	370-56	PUETO RICO IN CRISIS	3	NFB	2001	Overseas Exchange Module	4	Approved
1	ANS	361	biomedicine/ethics/culture	3	NFB	2002	Overseas Exchange Module	4	Approved

The Uni of Tokyo

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	GUC	23S102C	Law in Transnational East Asia	1	EX	1020	Exchange UEM	2	Rejected
1	GUC	23S203C	Sustainable Urban Management	1	EX	1016	Exchange UEM (CEE)	2	Approved
1	GUC	23S102C	Law in Transnational East Asia	1	EX	1020	Exchange UEM	2	Rejected

Uni of Toronto_Sem 2

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	CIV	250H1	Hydraulics and Hydrology	0.5	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	AST	251H1	Life on Other Worlds	0.5	EX	1005	Exchange UEM (CEE)	4	Approved
1	CME	259H1	Technology in Society and the Biosphere I	0.5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	CIV	313H1	Reinforced Concrete I	0.5	CE	3165	Structural Concrete Design	4	Approved
1	CIV	324H1	Geotechnical Engineering II	0.5	CE	3116	Foundation Engineering	4	Approved
1	CIV	332H1	Transport II - Performance	0.5	CE	3121	Transportation Engineering	4	Rejected
1	RSM	333H1	Corporate Finance	0.5	FIN	3701	Corporate Finance	4	Approved
1	RSM	336H1	Investments	0.5	FIN	3702	Investment Analysis and Portfo	4	Approved
1	MSE	490H1	Professional Ethics and Practice	0.25	EG	2401A	Engineering Professionalism	2	Approved
1	CIV	516H1	Public Transit Operations and Planning	0.5	CE	5206	Urban Public Transportation Sy	4	Approved
1	CIV	518H1	Behaviour and Design of Steel Structures	0.5	CE	3166	Structural Steel Design & Syst	4	Approved

The Uni of Western Australia_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	CIVL	4430	Transportation and Pavement Engineering	6	CE	3121	Transportation Engineering	4	Approved
1	CIVL	3403	Structural Concrete Design	6	CE	3165	Structural Concrete Design	4	Approved
1	CIVL	5501	Structural Dynamics	6	CE	4981	Exchange Technical Elective	4	Rejected
1	GENG	5505	Project Management and Engineering Practice	6	CE	4982	Exchange Technical Elective	4	Rejected
1	HIST	1001	Clash of Empires	6	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	HART	1003	Ways of Seeing: Themes and Theories in Art	6	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	ARCY	1002	Experimenting with Archaeology	6	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	PHAR	1101	Drugs that Changed the World	6	CE	3962	Exchange Unrestricted Elective	4	Rejected
1	CLAN	2002	Power and Politics in the Roman Empire: 44 BC-AD 68	6	CE	3961	Exchange Unrestricted Elective	4	Rejected
1	EART	1104	Discovering Earth	6	GE	2103	Our Planet: An Earth System Sc	4	Approved
1	EART	2234	Earth Processes	6	XD	3103	Planet Earth	4	Approved
1	FREN	1401	French Studies	6	LAF	1201	French 1	4	Approved
1	GRMN	1401	German Beginners	6	LAG	1201	German 1	4	Approved

The Uni of Waterloo_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	ENVE	382	Hydrology and Open Channel Flow	0.5	CE	3132	Hydrology and Free Surface Flo	4	Approved
1	CIVE	354	Geotechnical Engineering 2	0.5	CE	3116	Foundation Engineering	4	Rejected
1	ECON	371	Business Finance 1	0.5	FIN	2704X	Finance	4	Approved
1	CIVE	241	Transport Principles and Applications	0.5	CE	3121	Urban Transportation Engineeri	4	Approved
1	CIVE	354	Geotechnical Engineering 2	0.5	CE	3116	Foundation Engineering	4	Rejected
1	COMM	431	Project Management	0.5	PF	3104	Project Execution	4	Approved
1	BET	450	Leadership	0.5	PF	3208	Project Leadership	4	Approved
1	AFM	275	Corporate Finance	0.5	PF	2205	Project Finance	4	Approved
1	ECON	361	Cost-Benefit Analysis and Project Evaluation	0.5	PF	2109	Project Feasibility	4	Approved
1	MGMT	220	Entrepreneurship and the Creative Workplace	0.5	EX	2007	Exchange UEM (CEE)	4	Approved
1	CIVE	310	Introduction to Structural Design	0.75	EX	3103	Exchange UEM (CEE)	4	Approved

Tongji Uni_Sem 2

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	31135	Engineering Hydrology	2	CE	3132	Hydrology and Free Surface Flo	4	Rejected
1	CE	30402	Construction Cost	1.5	PF	2205	Project Finance	4	Rejected
1	CE	31200	Traffic Engineering	3	CE	3121	Urban Transportation Engineeri	4	Approved
1	CE	31181	Principle of the Foundation Design	3	CE	3116	Foundation Engineering	4	Approved
1	SEM	1096601	Financial & Management Accounting	2	PF	2205	Project Finance	4	Approved
1	INL	13010201	Chinese History and Culture	1.5	CH	2141	General History of China	4	Approved
1	INL	5032001	Sustainable Development Practice in China	2	EX	1012	Exchange UEM (CEE)	3	Approved
1	CE	31181	Principle of the Foundation Design	3	CE	3116	Foundation Engineering	4	Approved
1	CE	31200	Traffic Engineering	3	CE	3121	Urban Transportation Engineeri	4	Approved
1	SEM	1096601	Financial & Management Accounting	2	PF	2205	Project Finance	4	Approved
1	INL	13010201	Chinese History and Culture	1.5	CH	2141	General History of China	4	Approved

University of Wisconsin-Madison_Sem 2

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	CIV ENGR	532	Foundations	3	CE	3116	Foundation Engineering	4	Approved
1	CIV ENGR	530	Seepage and Slopes	3	CE	3115	Stability of Slopes and Earth	4	Rejected
1	CIV ENGR	445	Steel Structures I	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	E C E	532	MATRIX METHODS IN MACHINE LEARNING	3	EE	4802	Learning from Data	4	Approved
1	CIV ENGR	572	Transportation Operations	3	CE	5206	Urban Public Transportation Sy	4	Rejected
1	E C E	204	Data Science and Engineering	3	EE	3801	Data Engineering Principles	4	Approved
1	CIV ENGR	447	Concrete Structures I	3	CE	3165	Structural Concrete Design	4	Approved
1	COMP SCI	744	BIG DATA SYSTEMS	3	CS	4225	Big Data Systems for Data Scie	4	Approved
1	CIV ENGR	330	Soil Mechanics	3	CE	3115	Stability of Slopes and Earth	4	Approved
2	CIV ENGR	430	INTRODUCTION TO SLOPE STABILITY AND EARTH RETENTION	1	CE	3115	Stability of Slopes and Earth	4	Approved
1	CIV ENGR	330	Soil Mechanics	3	CE	3115	Stability of Slopes and Earth	4	Rejected
1	STAT	333	APPLIED REGRESSION ANALYSIS	3	ST	3131	Regression Analysis	4	Approved
1	STAT	312	INTRODUCTION TO THEORY AND METHODS OF MATHEMATICAL STATISTICS II	3	ST	2132	Mathematical Statistics	4	Approved
1	MA	514	Numerical Analysis	3	DSA	2102	Essential Data Analytics Tools	4	Approved
1	MATH	222	Calculus and Analytic Geometry 2	4	MA	2104	Multivariable Calculus	4	Rejected
1	MATH	234	Calculus--Functions of Several Variables	4	MA	2104	Multivariable Calculus	4	Approved
1	MATH	319	Techniques in Ordinary Differential Equations	3	MA	1512	Differential Equations for Eng	2	Rejected
1	MATH	525	Linear Optimization	3	MA	3252	Linear and Network Optimisatio	4	Approved