

Arizona State_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CEE	421	Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CEE	452	Foundations	3	CE	3116	Foundation Engineering	4	Approved
1	CEE	420	Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CEE	372	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CEE	475	Highway Geometric Design	3	CE	3121	Transportation Engineering	4	Rejected
1	DCE	123	Hip Hop I	2	EX	1012	Exchange UEM (CEE)	3	Approved
1	DCE	126	Country-Western	2	EX	1013	Exchange UEM (CEE)	3	Approved
1	DCE	223	Hip Hop II	2	EX	1014	Exchange UEM (CEE)	3	Approved
1	DCE	120	Modern Dance I	2	EX	1015	Exchange UEM (CEE)	3	Approved
1	CEE	300	Engineering Business Practice	3	EX	4003	Exchange Technical Elective (C	4	Rejected
1	CEE	400	Earth Systems Engineering and Management	3	EX	4004	Exchange Technical Elective (C	4	Approved
1	CEE	485	Sustainable Civil and Environmental Systems Engineering	3	EX	4006	Exchange Technical Elective (C	4	Approved
1	CEE	440	Hydrology	3	EX	4007	Exchange Technical Elective (C	4	Approved
1	PHI	101	Introduction to Philosophy	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	CRJ	225	Introduction to Criminology	3	EX	2009	Exchange UEM (CEE)	4	Approved
1	DCE	124	Latin/Swing/Ballroom I	2	EX	1015	Exchange UEM (CEE)	3	Approved

Not much overlap with CE3121. Can be considered a L-3000 TE

Chalmers Uni of Tech_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	ACE	45	Geological and geotechnical site characterisation	7.5	CE	3116	Foundation Engineering	4	Rejected
1	ACE	50	Transportation engineering and traffic analysis	7.5	CE	3121	Transportation Engineering	4	Approved
1	BOM	65	Materials performance	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	BOM	170	Structural design	7.5	CE	3101	Integrated Infrastructure Proj	4	Approved
1	BOM	175	Building technology engineering	7.5	CE	3981	Exchange Technical Elective	4	Approved
1	BOM	280	Sustainable development for civil engineers	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	CIVIL	BOM065	Materials Performance	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	CIVIL	ENM135	Building Service Engineering Design	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	CIVIL	VBB048	Concrete structures	7.5	CE	3165	Structural Concrete Design	4	Approved
1	CIVIL	VGE022	Engineering Geology	7.5	CE	3116	Foundation Engineering	4	Approved
1	CIVIL	VMT060	Road Engineering	7.5	CE	3121	Transportation Engineering	4	Rejected
1	CIVIL	VSM191	Steel Structures	7.5	CE	3166	Structural Steel Design & Syst	4	Approved
1	ENM	135	Building service engineering design	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	ENM	135	Building service engineering design	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	TEK	465	Sustainable transportation	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	TIF	186	Creative problem solving in engineering	7.5	EX	1005	Exchange UEM (CEE)	4	Approved
1	TME	141	Structural Dynamics	7.5	CE	4981	Exchange Technical Elective	4	Approved

Not relevant at all

This can be for CE5204

Chalmers Uni of Tech_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	VBB	48	Concrete structures	7.5	CE	3165	Structural Concrete Design	4	Approved
1	VGE	22	Engineering geology	7.5	CE	3116	Foundation Engineering	4	Approved
1	VSM	191	Steel Structures	7.5	CE	3166	Structural Steel Design & Syst	4	Approved

CityHKG U_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CA	2676	Transportation Engineering	3	CE	3121	Transportation Engineering	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	Water Resources Engineering	4	Approved
1	CA	4615	Advanced Construction Technology	3	EX	4003	Exchange Technical Elective (C	4	Approved
1	CA	4682	Advanced Geotechnical and Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CA	2676	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CA	3168	Building Information Modelling for Capital Projects	3	CE	4982	Exchange Technical Elective	4	Rejected
1	CA	3172	Building and Land Use Control	3	CE	3982	Exchange Technical Elective	4	Approved
1	CA	3177	Architectural Spatial Analysis	3	CE	4982	Exchange Technical Elective	4	Rejected
1	CA	3228	Land Use and Urban Planning	3	EX	3897	Exchange Technical Elective (C	4	Rejected
1	CA	3401	Construction Management and Economics	3	CE	4981	Exchange Technical Elective	4	Rejected
1	CA	3619	Design of Structural Elements	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CA	3634	Reinforced and pre-stress concrete structures	3	CE	3165	Structural Concrete Design	4	Approved

Please map to Breadth/UEM module instead of TE

This module not so much related to CE. It is purely architecture on space. Can be mapped to UEM.

Not CE technical. Can be UEM

Not in-depth enough to be considered a CE TE/PDM. However, you can map this to a dummy UEM module.

CityHKG U_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CA	3669	Soil Mechanics and Engineering Applications	3	EX	3897	Exchange Technical Elective (C	4	Rejected
1	CA	3677	Hydraulics and Hydrology	3	CE	3132	Water Resources Engineering	4	Approved
1	CA	3691	Building Services for Surveyors	3	CE	3982	Exchange Technical Elective	4	Approved
1	CA	3707	Transportation Modelling	3	CE	4981	Exchange Technical Elective	4	Approved
1	CA	4174	Sustainable Architectural Design and Development	3	CE	4981	Exchange Technical Elective	4	Rejected
1	CA	4229	Land Use Planning and Applied Valuation	3	CE	4982	Exchange Technical Elective	4	Rejected
1	CA	4320	Cost Management of Building and Engineering Work	3	CE	3981	Exchange Technical Elective	4	Approved
1	CA	4320	Cost Management of Building and Engineering Works	3	CE	5603	Engineering Economics & Projec	4	Rejected
1	CA	4615	Advanced Construction Technology	3	EX	4003	Exchange Technical Elective (C	4	Approved
1	CA	4623	Maintenance Technology and Management	3	CE	4982	Exchange Technical Elective	4	Approved
1	CA	4682	Advanced Geotechnical and Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CA	4685	Traffic and Highway Engineering	3	CE	4982	Exchange Technical Elective	4	Approved
1	CA	4728	Air Quality and Ventilation	3	CE	4981	Exchange Technical Elective	4	Approved
1	CB	2201	Operations Management	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	GE	1120	Thinking Philosophically: Bridging the Gap between Arts and Sciences	3	EX	1007	Exchange UEM (CEE)	4	Approved
1	GE	1225	Become a Smart and Responsible Consumer	3	EX	1007	Exchange UEM (CEE)	4	Approved

Some overlapping with CE2112

Module is very much related to Architecture only (quite similar to AR2723). Can be mapped to UEM.

Purely related to Real Estate. Can be mapped to UEM

Course content different

CityHKG U_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	GE	2211	Sexuality, Culture and Diversity	3	EX	1006	Exchange UEM (CEE)	4	Approved
1	GE	2221	Violence and Crime	3	EX	1007	Exchange UEM (CEE)	4	Approved
1	GE	2232	Knowing Ourselves Better in Work and Life	3	EX	1007	Exchange UEM (CEE)	4	Approved
1	GE	2239	Food: Culture, Science and Society	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	GE	2248	Persuasion in Everyday Life	3	CE	3961	Exchange Unrestricted Elective	4	Approved
1	GE	2260	Introduction to Finance	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	JC	4066	Professional Engineering Practice	3	EG	2401	Engineering Professionalism	3	Approved
1	SEE	4217	Waste and Wastewater Treatment Engineering	3	ESE	3001	Water Quality Engineering	4	Approved
1	SEE	2204	Principles of Sustainability	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	SEE	4217	Waste and Wastewater Treatment	3	ESE	3001	Water Quality Engineering	4	Approved

Concordia Uni_Sem1&2

AY2018/2019 Sem1

Mapping Nbr	Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	1	CIVI	435	Foundation Design	3	CE	3116	Foundation Engineering	4	Approved
2	1	CIVI	372	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
5	1	CIVI	498	Topics in Civil Engineering	3	CE	4981	Exchange Technical Elective	4	Approved
6	1	BLDG	498	Topics in Building Engineering	3	CE	4982	Exchange Technical Elective	4	Approved
7	1	BLDG	498	Topics in Building Engineering	3	CE	4982	Exchange Technical Elective	4	Approved
8	1	CIVI	471	Highway and Pavement Design	4	CE	3982	Exchange Technical Elective	4	Approved
9	1	BCEE	451	Construction Engineering	3	EX	4003	Exchange Technical Elective (C)	4	Approved
10	1	BLDG	366	Acoustics and Lighting	3.5	CE	3981	Exchange Technical Elective	4	Approved
11	1	CIVI	453	Design of Reinforced Concrete Structures	3.5	CE	3982	Exchange Technical Elective	4	Approved
12	1	BCEE	464	Project Cost Estimating	3	EX	4006	Exchange Technical Elective (C)	4	Approved
13	1	ACCO	230	Introduction to Financial Accounting	3	EX	1005	Exchange UEM (CEE)	4	Approved
14	1	SCPA	215	Economics for Public Policy and Community Development	3	EX	1006	Exchange UEM (CEE)	4	Approved
15	1	MARK	201	Introduction to Marketing	3	EX	1007	Exchange UEM (CEE)	4	Approved
16	1	BCEE	344	Structural Design I	3	CE	3166	Structural Steel Design & Syst	4	Approved
17	1	BCEE	345	Structural Design II	3	CE	3165	Structural Concrete Design	4	Approved

AY2018/2019 Sem2

Mapping Nbr	Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	1	BCEE	344	Structural Design I	3	CE	3166	Structural Steel Design & Syst	4	Approved
2	1	BCEE	345	Structural Design II	3	CE	3165	Structural Concrete Design	4	Approved
3	1	CIVI	435	Foundation Design	3	CE	3116	Foundation Engineering	4	Approved
4	1	CIVI	474	Transportation Planning and Design	3	CE	3121	Transportation Engineering	4	Rejected
5	1	ENGR	201	Professional Practice and Responsibility	1.5	EG	2401	Engineering Professionalism	3	Approved
6	1	BLDG	366	Acoustics and Lighting	3.5	CE	3981	Exchange Technical Elective	4	Approved
7	1	CIVI	372	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
8	1	CIVI	361	Introduction to Environmental Engineering	3.5	ESE	3001	Water Quality Engineering	4	Rejected
10	1	BLDG	475	Indoor Air Quality	3	CE	4982	Exchange Technical Elective	4	Rejected
11	1	BCEE	455	Introduction to Structural Dynamics	3	CE	4258	Structural Stability & Dynamic	4	Approved
12	1	BCEE	465	Construction Planning and Control	3	CE	5806	Advanced Project Management wi	4	Approved
13	1	BLDG	463	Building Envelope Design	3	CE	4982	Exchange Technical Elective	4	Approved
14	1	BLDG	471	HVAC System Design	4	CE	4982	Exchange Technical Elective	4	Approved
15	1	BLDG	341	Building Engineering Systems	3	CE	3981	Exchange Technical Elective	4	Approved
16	1	ACCO	230	Introduction to Financial Accounting	3	ACC	1002	Financial Accounting	4	Approved
17	1	CIVI	437	Advanced Geotechnical Engineering	3	CE	5108	Earth Retaining Structures	4	Approved

Mapping to CE3121, please look for CIVI372

Content in ESE3001 is split into 2 modules in Concordia: CIVI466 and CIVI 361. You can take both and map to ESE3001 (many to one) and the extra MCs, upon your return during credit transfer, admin will give the extra 4 MCs as UEM.

Not appropriate for CE's TE. If you want to take this module, you can consider UEM.

18	1	BLDG	492	Construction Processes	3	CE	5805	DfMA & Productivity Analytics	4	Approved
19	1	ECON	201	Introduction to Microeconomics	3	BSP	1005	Managerial Economics	4	Approved

CracowUT_Sem2

<u>Mapping Nbr</u>	<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
3	1	WIL BUD	OIS D38	Construction Supervision, Occupational Safety and Health	4	CE	3982	Exchange Technical Elective	4	Rejected
9	1	WIL BUD	OIS C16	Bridge Structures	4	CE	4981	Exchange Technical Elective	4	Approved
9	2	WIL BUD	OIS C30	Prestressed and Precast Concrete Structures	2	CE	4981	Exchange Technical Elective	4	Approved
10	1	WIL BUD	OIS C33	Building Installations and Municipal Systems	3	CE	4982	Exchange Technical Elective	4	Approved
10	2	WIL BUD	OIS D47	Fire Safety Measures in Civil Engineering	2	CE	4982	Exchange Technical Elective	4	Approved
11	1	WIL BUD	OIS B13	Computational Methods	3	CE	3981	Exchange Technical Elective	4	Approved
11	2	WIL BUD	OIS C16	Technical Drawing	2	CE	3981	Exchange Technical Elective	4	Approved
14	1	ZXX	2	CAD Techniques 02 - CAD BIM	4	CE	4282	Building Information Modeling	4	Rejected
15	1	ZXX	2	CAD Techniques 02 - CAD BIM	4	CE	3981	Exchange Technical Elective	4	Rejected
16	1	ZXX	2	CAD Techniques 02 - CAD BIM	4	EX	3896	Exchange Technical Elective (C	3	Approved
17	1	WIL BUD	OIS C26	Architecture and Urban Design	2	EX	2044	Exchange UEM (CEE)	1	Approved

Cannot be mapped to CE4282. However, can be of a L3 TE (CE3981 EXCHANGE TECHNICAL ELECTIVE)

Fudan_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	ENVI	130027.01	Solid Wastes Treatment and Recycling	2	ESE	3101	Solid And Hazardous Waste Mgmt	4	Approved
1	ENVI	130025.01	Atmosphere Pollution and Control	3	ESE	3201	Air Quality Management	4	Approved
1	ENVI	130026.01	Water Pollution and Control	3	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	ENVI	130005.01	Environmental Microbiology	3	ESE	3301	Environmental Microbio Prin	4	Approved
1	945	.013.1.01	Environmental and Sustainable Development	2	ESE	4406	Energy and the Environment	4	Approved
1	ENVI	130073.01	Environmental Planning	3	EX	3892	Exchange Technical Elective (C	1	Approved
1	ENVI	130067.01	Environmental Management	3	ESE	4616	Exchange Technical Elective 1	4	Approved

AY2018/2019 Sem 1

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L	203	Air Pollution Abatement	3	ESE	3201	Air Quality Management	4	Rejected
L	517	Biological Wastewater Treatment	3	ESE	3301	Environmental Microbio Prin	4	Rejected
M	847	Analytical Methods and Treatment Technologies for Wastewaters	6	ESE	3401	Water & Wastewater Engineerg 1	4	Rejected
M	620	Special Aspects of Waste Resource Management	6	ESE	3101	Solid And Hazardous Waste Mgmt	4	Approved
M	620	Special Aspects of Waste Resource Management	6	EX	2046	Exchange UEM (CEE)	2	Approved
M	581	Water Protection	6	CE	3132	Water Resources Engineering	4	Rejected
M	902	Wastewater Treatment and Air Pollution Abatement	6	ESE	3301	Environmental Microbio Prin	4	Approved
M	1311	Sustainable Water Management and Microbiology of Water Supply	6	ESE	3301	Environmental Microbio Prin	4	Approved
M	902	Wastewater Treatment and Air Pollution Abatement	6	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
M	1311	Sustainable Water Management and Microbiology of Water Supply	6	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
L	226	Water Protection	6	CE	3132	Water Resources Engineering	4	Approved
M	1313	Fluid Mechanics, Hydraulics and Geo-information-systems in Water Management	6	CE	3132	Water Resources Engineering	4	Approved
M	1313	Fluid Mechanics, Hydraulics and Geo-information-systems in Water Management	6	EX	3897	Exchange Technical Elective (C	4	Approved
L	226	Water Protection	6	EX	3897	Exchange Technical Elective (C	4	Approved

3 ECTS is not enough for 4 MCs hence perhaps you can look for another 3 ETCS similar to ESE3201 to combine as "Many to One" eg. L0203 (3 ETCS) + LXXXX (3 ETCS) to ESE3201 (4 MCs)

3 ECTS is not enough for 4 MCs hence perhaps you can look for another 3 ETCS similar to ESE3301 to combine as "Many to One" eg. L0517 (3 ETCS) + LXXXX (3 ETCS) to ESE3301 (4 MCs)

Not very similar

There is hardly any overlap between Module 0581 Water Protection and CE3132 Water Resources Engineering. Our module CE3132 cover several aspects of hydrology (processes involved in hydrological cycle, stochastic hydrology) and hydraulics (pressurised flow, free surface flow). These topics are not covered in 0581 Water Protection.

HongKong Poly Uni_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	ABCT	4740	POLYMER CHEMISTRY AND NANOTECHNOLOGY	3	CM	3252	Polymer Chemistry 1	4	Approved
1	AF	2108	FINANCIAL ACCOUNTING	3	ACC	1002X	Financial Accounting	4	Approved
1	AF	2110	MANAGERIAL ACCOUNTING	3	ACC	2002	Managerial Accounting	4	Approved
1	APSS	1A04	Understanding Ethics in Daily Life	3	EG	2401	Engineering Professionalism	3	Approved
1	APSS	2S04	Understanding Children in Poverty in Hong Kong	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	BSE	4413	Indoor Air Quality Engineering	3	ESE	3201	Air Quality Management	4	Approved
1	CSE	464	Ergonomics and Human Factors	3	EX	3103	Exchange UEM (CEE)	4	Approved
1	CSE	565	Construction Technology	3	CE	3981	Exchange Technical Elective	4	Approved
1	CSE	30301	Structural Analysis	3	CE	3155	Structural Analysis	4	Approved
1	CSE	30303	Construction Management	3	CE	2183	Construction Project Mgmt	4	Approved
1	CSE	30311	Design of Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CSE	30312	Transportation and Highway Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CSE	30337	Water and Waste Management	3	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	CSE	40403	Geotechnical Design	3	CE	3116	Foundation Engineering	4	Approved
1	CSE	40430	Fundamentals of Risk Assessment and Management	3	ESE	4617	Exchange Technical Elective 2	4	Rejected
1	CSE	40432	Solid and Hazardous Wastes Control	3	ESE	3001	Water Quality Engineering	4	Rejected
1	CSE	40432	Solid and Hazardous Waste Control	3	ESE	3101	Solid And Hazardous Waste Mgmt	4	Approved
1	CSE	40462	Environmental Impact Assessment - Theory and Practice	3	ESE	4408	Environmental Impact Assesmen	4	Approved
1	CSE	40475	Sustainable Development Strategy	3	ESE	4616	Exchange Technical Elective 1	4	Approved

Remap to ESE5601

not the same

Iowa State Uni_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CE	488	Sustainable Horizontal Civil Infrastructure Systems	3	ESE	4616	Exchange Technical Elective 1	4	Approved
1	ABE	325	Biorenewable Systems	3	ESE	4617	Exchange Technical Elective 2	4	Rejected
1	BIOL	487	Microbial Ecology	3	ESE	3301	Environmental Microbio Prin	4	Rejected
1	ABE	170	Engineering Graphics and Introductory Design	3	ESE	4612	Exchange Unrestricted Elective	4	Rejected
1	CE	306	Project Management for Civil Engineers	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	ABE	325	Biorenewable Systems	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	ABE	170	Engineering Graphics and Introductory Design	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	ECP/HDFS	201	Child Development - Birth to 3 (Infant/Toddler)	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	BIOL	487	Microbial Ecology	3	ESE	4617	Exchange Technical Elective 2	4	Approved

Remap to level-3000
TE

Not similar to
ESE3301. Please
remap to ESE4617

Remap to EX1005
Exchange UEM

Karlsruhe Inst of Tech_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	T-BGU	106612	Advanced Fluid Mechanics	6	CE	4982	Exchange Technical Elective	4	Approved
1	T-BGU	106597	Management of Water Resources and River Basins	6	CE	4981	Exchange Technical Elective	4	Approved
1	T-BGU	106601	Wastewater and Storm Water Treatment	6	CE	3981	Exchange Technical Elective	4	Approved
1	T-BGU	106759	Hydraulic Engineering	6	EX	4003	Exchange Technical Elective (C	4	Approved
1	T-BGU	106774	Groundwater flow around structures	3	EX	1016	Exchange UEM (CEE)	2	Approved
1	T-BGU	106768	Groundwater Hydraulics	3	EX	1016	Exchange UEM (CEE)	2	Approved
1	NA	NA	German Course B1	8	LAG	4201	German 5	5	Approved
2	NA	NA	German Course B1	8	LAG	4202	German 6	5	Approved
1	NA	NA	Pre Semester German Course A2	4	LAG	3202	German 4	4	Approved

Korea Adv Inst of Sc & Tec_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	HSS159	10.144	INTRODUCTION TO ECONOMICS	3	EC	1301	Principles of Economics	4	Rejected
1	HSS252	13.252	ISSUES IN URBAN AND REGIONAL DEVELOPMENT	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	HSS006	10.108	Korean1 for undergraduate international students	3	LAK	1741	Department Exchange Module	4	Approved
1	CE333	37.333	SOIL DYNAMICS	3	CE	3116	Foundation Engineering	4	Rejected
1	CE410	37.41	Making of Ubiquitous Space	3	CE	4981	Exchange Technical Elective	4	Approved
1	CE441	37.441	Urban and Architectural Design Studio	3	CE	4982	Exchange Technical Elective	4	Approved
1	HSS145	13.145	Western Civilization Since The Middle Ages	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CE333	37.333	SOIL DYNAMICS	3	CE	3981	Exchange Technical Elective	4	Rejected
1	CE333	37.333	Soil Dynamics	3	CE	5881	Topics in Geotechnical Engrg	4	Approved

We do not map core modules

Zero content to map to CE3116. This module is closer to CE5881.

This module is closer to CE5881.

KTH_Sem 1

Mapping Seq. Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	AE	2107	Modelling of Water Systems	7.5	CE	3982	Exchange Technical Elective	4	Approved
1	AE	2501	Environmental Impact Assessment	7.5	ESE	4408	Environmental Impact Assessmen	4	Approved
1	AE	2503	Environmental Data	7.5	GE	3238	GIS Design and Practices	4	Rejected
1	AF	2101	Concrete Structures	7.5	CE	3165	Structural Concrete Design	4	Approved
1	AF	2507	Sustainable Buildings - Concept, Design, Construction	7.5	CE	4981	Exchange Technical Elective	4	Approved
2	AF	2508	Building Service Technologies and Systems	7.5	EX	3894	Exchange Technical Elective (C	2	Approved
1	AF	2609	Foundation Engineering	7.5	CE	3116	Foundation Engineering	4	Approved
1	AF	2610	Tunnel 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	AH	2171	Traffic Engineering and Management	7.5	CE	3121	Transportation Engineering	4	Approved
1	AI	2807	Project for Construction Project management	7.5	CE	4981	Exchange Technical Elective	4	Approved
1	AL	2301	Applied Hydrogeology	7.5	ESE	4405	Urban Water Eng & Mgt	4	Rejected

Modules do not match sufficiently.

Both modules have very different objectives and contents.

Kyoto Uni_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	ZXX	35080	Soil Mechanics I and Exercises	2	CE	2112	Soil Mechanics	4	Approved
1	ZXX	35090	Hydraulics and Exercises	2	CE	2134	Hydraulics	4	Approved
1	N	260001	Physics for All-E2	2	PC	1431	Physics IE	4	Approved
1	N	261001	Fundamental Physics A-E2	2	PC	1431	Physics IE	4	Approved
1	ZXX	35190	Soil Mechanics II and Exercises	3	CE	2112	Soil Mechanics	4	Approved
1	ZXX	35140	Structural Mechanics II and Exercises	3	CE	3155	Structural Analysis	4	Approved
1	ZXX	35160	Hydraulics and Hydrodynamics	2	CE	3132	Water Resources Engineering	4	Approved
2	ZXX	35170	Fundamentals of Hydrology	2	CE	3132	Water Resources Engineering	4	Approved
1	ZXX	10005	Elementary Japanese I (8H)	8	LAJ	1201	Japanese 1	4	Approved
1	ZXX	10019	Business Thinking-E3	2	EX	2047	Exchange UEM (CEE)	2	Approved
1	ZXX	10020	Negotiation-E3	2	EX	3105	Exchange UEM (CEE)	2	Approved
1	ZXX	10012	Introduction to General Astronomy-E2	2	EX	2015	Exchange UEM (CEE)	2	Approved

Lund Uni_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	MAMF	55	Aerosol Technology	7.5	ESE	3201	Air Quality Management	4	Approved
2	MAMF	55	Aerosol Technology	7.5	EX	3105	Exchange UEM (CEE)	2	Approved
1	KBTF	10	Environmental Biotechnology	7.5	ESE	3401	Water & Wastewater	4	Rejected
1	KBTF	15	Bioprocess Technology	7.5	ESE	3301	Environmental Microbio Prin	4	Approved
1	VVAN	5	Urban Waters	15	ESE	4405	Urban Water Eng & Mgt	4	Rejected
1	FMIF	20	Environmental Issues	7.5	ESE	4408	Environmental Impact	4	Approved
2	FMIF	20	Environmental Issues	7.5	EX	4112	Exchange Technical Elective	2	Approved
1	KBTF	10	Environmental Biotechnology	7.5	ESE	3301	Environmental Microbio Prin	4	Rejected
1	VVRF	1	Integrated Water Resources Management: International	7.5	ESE	4405	Urban Water Eng & Mgt	4	Rejected
1	BIOR	18	Microbiology	15	LSM	1401	Fundamentals of	4	Rejected
1	NGEA	21	Physical Geography: the Climate System	15	ESE	4408	Environmental Impact Assessmen	4	Rejected
1	MESS	41	Energy and Sustainability	7.5	ESE	4406	Energy and the Environment	4	Approved
1	MVKN	95	Environmentally Friendly Power Generation	7.5	ESE	4404	Bioenergy	4	Approved
2	MVKN	95	Environmentally Friendly Power Generation	7.5	EX	2044	Exchange UEM (CEE)	1	Approved
1	MAMF	55	Aerosol Technology	7.5	ESE	5203	Aerosol Science and	4	Rejected
1	VBKN	10	Risk Management in Construction Technology	7.5	CE	2183	Construction Project Mgmt	4	Rejected
1	ABAN	15	Climate Smart Architecture and Urban Design	7.5	EX	2050	Exchange UEM	5	Approved
1	ABSN	6	Urban recycling – Theory and Methods	7.5	EX	2052	Exchange UEM	5	Approved

Please map to UEM module

Very different emphasis

The module can cover only 40- Unless one has read ESE3401, it is impossible to read module does not REAZ1 cannot be mapped to ESE1108

This map to ESE3201 instead This module is not similar with CE2183

Lund Uni_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	KBTF	15	Bioprocess Technology	7.5	ESE	4301	Wastewater Biotechnology	4	Approved
1	KBTF	10	Environmental Biotechnology	7.5	ESE	4613	Exchange Unrestricted Elec 5	4	Approved
2	KBTF	10	Environmental Biotechnology	7.5	EX	4113	Exchange Technical Elective (C	2	Approved

McGill_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CHEM	181	World of Chemistry: Food	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CIVE	225	ENVIRONMENTAL ENGINEERING	3	ESE	3001	Water Quality Engineering	4	Approved
1	CIVE	318	Structural Mechanics	3	CE	3166	Structural Steel Design & Syst	4	Rejected
1	CIVE	319	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CIVE	416	Geotechnical Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CIVE	418	Design Project	4	CE	4103	Design Project	4	Approved
1	CIVE	421	Municipal Systems	3	CE	3132	Water Resources Engineering	4	Approved
1	CIVE	462	Design of Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CIVE	463	Design of Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved
1	CIVE	512	Advanced Civil Engineering Materials	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIVE	540	Urban Transportation Planning	3	CE	5205	Transportation Planning	4	Approved
1	CIVE	546	Selected Topics in Civil Engineering 1	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIVE	555	Environmental Data Analysis	3	CE	4981	Exchange Technical Elective	4	Approved
1	CIVE	584	Mechanics of Groundwater Flow	3	CE	5313	Groundwater Hydrology	4	Approved
1	CIVE	584	Mechanics of Groundwater Flow	3	CE	3982	Exchange Technical Elective	4	Approved
1	CIVE	602	Finite Element Analysis	4	CE	4257	Linear Finite Element Analysis	4	Approved
1	FACC	100	Introduction to the Engineering Profession	1	EG	2401	Engineering Professionalism	3	Approved
2	FACC	400	Engineering Professional Practice	1	EG	2401	Engineering Professionalism	3	Approved
1	MGCR	211	Introduction to Financial Accounting	3	ACC	1002	Financial Accounting	4	Approved

CIVE 462 can be mapped to CE3166 but not CIVE 318

McGill_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>	
1	MGPO	460	Managing Innovation	3	MT	4002	Technology Management Strategy	4	Rejected	MGPO460 and MT4002 are different in content and focus.
1	URBP	504	Planning for Active Transportation	3	CE	4221	Design of Land Transport Infra	4	Approved	
1	URBP	551	Urban Design and Planning	3	CE	4982	Exchange Technical Elective	4	Rejected	Cannot be CE TE. Can put in as an UEM
1	URBP	555	Real Estate and Planning	3	CE	4982	Exchange Technical Elective	4	Rejected	Cannot be CE TE as it is very much related to Real Estate. Can be UEM

Nat Taiwan U_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CIE	5106	Water Resources Engineering	3	CE	3132	Water Resources Engineering	4	Approved
1	CIE	2014	Transportation Systems	3	CE	3121	Transportation Engineering	4	Approved
1	CIE	5021	Foundation Design and Construction (I)	3	CE	3116	Foundation Engineering	4	Approved
1	CIE	3006	Reinforced Concrete Theory and Design (II)	3	CE	3165	Structural Concrete Design	4	Rejected
1	CIE	7131	Seismic Design of Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Rejected
1	CIE	3040	Water and Wasterwater Treatment	3	ESE	4401	Water & Wastewater Engineerg 2	4	Rejected
1	BSE	8025	Special Topic in Water Resources Management & Conservation	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIE	5128	Water Related Disasters, Lessons and Prevention	3	CE	4982	Exchange Technical Elective	4	Approved
1	BME	8701	Advanced Wastewater Treatment	3	CE	4982	Exchange Technical Elective	4	Rejected
1	ENVE	7082	Water Pollution Control	3	CE	4982	Exchange Technical Elective	4	Approved
1	LIBEDU	1	Occupational Ethics and Workplace Spirituality	3	EG	2401A	Engineering Professionalism	2	Approved
1	CIE	7151	Managing Transportation System Innovation	3	CE	4982	Exchange Technical Elective	4	Approved

This module is an advance/in-depth of CE3165.

Cannot be mapped to CE3166. This is more like a TE and taking it, student should have taken CE3166 beforehand.

This can be mapped to ESE3401 but not ESE4401.

Similar to ESE3001

Nat Taiwan U_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CIE	5123	Fundamentals of Architectural Design	3	CE	4982	Exchange Technical Elective	4	Rejected
1	PE	2088	Golf-basic	1	EX	1016	Exchange UEM (CEE)	2	Approved
1	ESOE	3003	Ethics for Engineers Professionals	2	EG	2401A	Engineering Professionalism	2	Approved
1	PHYS	1039	International Companions for Learning	2	EX	1012	Exchange UEM (CEE)	3	Approved

Not appropriate as CE
TE. Can be mapped as
UEM

Nat Taiwan U of Sci&Tech_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CT	5E+06	Behavior of Engineering Materials	3	MLE	1112	Foundation Materials S	4	Approved
1	TC	1E+06	Occupational Ethics	3	EG	2401	Engineering Professionalism	3	Approved
1	CT	2E+06	Career Development and Ethics in Construction Engineering	3	EG	2401	Engineering Professionalism	3	Rejected
1	CT	3E+06	Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CT	6E+06	Deterioration of Engineering Materials	3	CE	3981	Exchange Technical Elective	4	Approved
1	CT	6E+06	Theory of Plasticity	3	EX	4003	Exchange Technical Elective (C	4	Approved
1	CT	5E+06	Finite Element Method	3	CE	4257	Linear Finite Element Analysis	4	Approved
1	CT	600570	Earthquake-Resistant Design	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	6E+06	Seismic Evaluation and Retrofit Design of Structures	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	630370	Advanced Behaviour and Design of Steel Structure	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	1E+07	Special Topics in Disaster Prevention	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	581570	Cost Management	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	63017	Behavior of Steel Members	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	560370	Special Topics on Soil Improvement	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	5E+06	Intelligent Urban Water Management	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	6E+06	Landslides and Remedial Measures	3	CE	4981	Exchange Technical Elective	4	Approved
1	CT	7E+06	Numerical Methods in Geotechnical Engineering	3	CE	5105	Analytical & Numerical Methods	4	Approved
1	CT	6E+06	Advanced Foundation Engineering	3	CE	5107	Pile Foundations	4	Approved
1	CT	6E+06	Principles & Practice of High-Performance Concrete	3	CE	5604	Advanced Concrete Technology	4	Approved

Oulu_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	488	130A	Waste management and resources recovery	5	ESE	3101	Solid And Hazardous Waste Mgmt	4	Approved
1	488	110S	Water and Wastewater Treatment	5	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	488	311S	Industrial Microbiology	5	ESE	3301	Environmental Microbio Prin	4	Rejected
1	488	204S	Air Pollution Control Engineering	5	ESE	3201	Air Quality Management	4	Approved
1	477	310S	Advanced Catalytic Processes	5	EX	4003	Exchange Technical Elective (C	4	Approved
1	477	304A	Separation Processes	5	EX	4004	Exchange Technical Elective (C	4	Approved
1	488	202S	Production and Use of Energy	5	ESE	4406	Energy and the Environment	4	Approved
1	488	321S	Bioreactor technology	5	ESE	5301	Environmental Biological Princ	4	Rejected

This is a lab-based module mainly where the concept is different from what is in ESE3301

Not on biological wastewater treatment.

Oulu_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	461	108A	Mechanics of materials	5	CE	2155	Struc Mechanics & Materials	4	Rejected
1	488	501S	Smart Grid I: Integrating renewable energy sources	5	EX	4006	Exchange Technical Elective (C	4	Approved
1	488	402S	Sustainable Development	5	EX	4007	Exchange Technical Elective (C	4	Approved
1	488	203S	Industrial Ecology	5	EX	4008	Exchange Technical Elective (C	4	Approved
1	488	504S	Fundamentals of nuclear energy	5	EX	4009	Exchange Technical Elective (C	4	Approved
1	488	143S	Environmental Impact Assesment	5	ESE	4408	Environmental Impact Assessmen	4	Approved
1	900	017Y	Survival Finnish Course	2	LAX	1711	Department Exchange Module	1	Approved
1	900	013Y	Beginners' Finnish Course 1	3	LAX	1722	Department Exchange Module	2	Approved

461108A is missing "building materials". If you are able to find such module, you can combine it with 461108A to map to CE2155 and the extra MCs will be credits transfer as UEM.

Tech Uni of Denmark_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	12	130	Solid Waste Technology and Management	10	ESE	3101	Solid And Hazardous Waste Mgmt	4	Approved
1	12	134	Environmental Microbiology	5	ESE	3301	Environmental Microbio Prin	4	Approved
1	12	110	Wastewater Engineering: Treatment and Resource Recovery	5	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	12	226	Air Pollution and Environmental Effects	5	ESE	3201	Air Quality Management	4	Approved
1	12	136	Bioenergy Technologies	10	ESE	4404	Bioenergy	4	Approved
1	28	870	Energy and Sustainability	5	ESE	4406	Energy and the Environment	4	Approved
1	28	434	Membrane Technology	5	ESE	4403	Membrane Tech In Env Applns	4	Approved
1	12	140	Integrated Urban Water Quality Management	5	ESE	4405	Urban Water Eng & Mgt	4	Approved
1	11	830	Mineral resources in the Arctic: Environmental impacts and technologies	5	ESE	4408	Environmental Impact Assessmen	4	Rejected
1	62	132	Project Management	5	CE	2183	Construction Project Mgmt	4	Approved
1	12	108	Water Treatment: Biochemical Processes	5	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	12	145	Terrestrial Ecology	5	GE	2220	Terrestrial and Coastal Envmts	4	Approved

Does not cover much topic similar to ESE4408.

Tech Uni of Munich_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	WZ	8114	Knowledge, Cultures & Institutions	5	UFC	2000E	Overseas Exchange Module	4	Approved
1	POL	61500	Global Governance, Ethics, and Technology	6	UFB	2000E	Overseas Exchange Module	4	Approved
1	SG	160414	Global Health	6	UFB	2000E	Overseas Exchange Module	4	Approved
1	BGU	52014	Transport Concepts and Implementation	6	CE	5206	Urban Public Transportation Sy	4	Approved
1	BV	620021	Sustainability in Design	6	CE	4981	Exchange Technical Elective	4	Approved
1	BV	560005	Intelligent Vehicles	3	CE	5205	Transportation Planning	4	Approved
2	BGU	68007	Applied Transport Modeling	3	CE	5205	Transportation Planning	4	Approved
1	POL	62400	Environment and Climate Transformation	6	UFC	2000E	Overseas Exchange Module	4	Approved
1	POL	70078	Technology, Labour and Society	6	UFB	2000E	Overseas Exchange Module	4	Approved
1	BGU	67001	Landslides	6	CE	4981	Exchange Technical Elective	4	Approved
1	BGU	50007	Ground Water Handling and Sustainable Use of Geomaterials in Civil Construction	6	CE	4981	Exchange Technical Elective	4	Approved
1	BGU	56048	Traffic Data Collection and Analysis	3	CE	4981	Exchange Technical Elective	4	Approved
2	BGU	52013	Modelling of Transport-Related Emissions	3	CE	4981	Exchange Technical Elective	4	Approved
1	BGU	38019	Anaerobic Processes and Energy Recovery	3	CE	4982	Exchange Technical Elective	4	Approved
2	BGU	50009	Soil Dynamics and Geotechnical Earthquake Engineering	3	CE	4982	Exchange Technical Elective	4	Approved
1	BV	340008	Construction of Traffic Infrastructure	3	CE	5204	Pavement Design & Rehab	4	Approved
1	POL	62100	Civil Society and Technological Change	6	UFC	2000E	Overseas Exchange Module	4	Approved
1	BGU	52013	Modelling of Transport-Related Emissions	3	CE	4981	Exchange Technical Elective	4	Approved

Uni of British Columbia_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	APSC	450	Professional Engineering Practice	2	EG	2401	Engineering Professionalism	3	Approved
1	ASTR	102	Introduction to Stars and Galaxies	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CIVL	300	Construction Engineering and Management	3	CE	2183	Construction Project Mgmt	4	Approved
1	CIVL	305	Introduction to Environmental Engineering	3	ESE	3001	Water Quality Engineering	4	Approved
1	CIVL	331	Steel and Timber Design	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CIVL	340	Transportation Engineering I	3	CE	3121	Transportation Engineering	4	Approved
1	CIVL	403	Engineering Economic Analysis	3	CE	5603	Engineering Economics & Projec	4	Approved
1	CIVL	408	Geo-Environmental Engineering	3	CE	3981	Exchange Technical Elective	4	Approved
1	CIVL	410	Foundation Engineering I	3	CE	5106	Ground Improvement	4	Approved
1	CIVL	411	Foundation Engineering II	3	CE	3981	Exchange Technical Elective	4	Approved
1	CIVL	413	Design of Earth Dams and Containment Structures	3	CE	4981	Exchange Technical Elective	4	Approved
1	CIVL	422	Project Based Learning in Civil Engineering Materials	3	CE	3982	Exchange Technical Elective	4	Approved
1	CIVL	426	Virtual Design and Construction	3	CE	4282	Building Information Modeling	4	Approved

Uni of British Columbia_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CIVL	433	Advanced Concrete Design	3	CE	3165	Structural Concrete Design	4	Rejected
1	CIVL	478	Building Science	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIVL	504	Seismicity and Seismic Design Parameters	3	CE	4982	Exchange Technical Elective	4	Approved
1	CIVL	505	Seismic Response of Structures	3	CE	4981	Exchange Technical Elective	4	Approved
1	CIVL	521	Construction Methods and Performance	3	CE	4981	Exchange Technical Elective	4	Approved
1	CIVL	522	Project and Construction Economics	3	CE	5603	Engineering Economics & Projec	4	Approved
1	CIVL	522	Project and Construction Economics	3	CE	5804	Global Infrastructure Project	4	Approved
1	CIVL	525	Developing Computer Applications for Civil Engineering	3	CE	4981	Exchange Technical Elective	4	Approved
1	CONS	200	Foundations of Conservation	3	EX	1007	Exchange UEM (CEE)	4	Approved
1	ECON	102	Principles of Macroeconomics	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	EOSC	110	The Solid Earth: a Dynamic Planet	3	EX	1006	Exchange UEM (CEE)	4	Approved
1	FNH	330	Introduction to Wine Science 1	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	PYSC	101	Introduction to Biological and Cognitive Psychology	3	PL	1101E	Introduction to Psychology	4	Approved

Not OK for CE3165. Student should choose CIVL 430 to map to CE3165.
 Note: Students must be aware that if the partner university uses a design code different from Eurocode, they will have to read up Eurocode intensively on their own to prepare for their industrial attachement, design project in NUS and also to be industry ready as all Singapore firms require their engineers to know how to design using Eurocode on their first day of job. The responsibility lie on the student to get themselves prepared since it affects their studies after coming back to NUS and also affects their future civil engineering career.

Uni of British Columbia_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	RELG	101	Introduction to the Western (Abrahamic) Religions: Judaism, Christianity, and Islam	3	GEH	1045	World Religions	4	Approved

Uni of New South Wales_Sem2

<u>Mapping Nbr</u>	<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	1	CVEN	3303	Steel Structures	6	CE	3166	Structural Steel Design & Syst	4	Approved
1	2	CVEN	3303	Steel Structures	6	EX	2044	Exchange UEM (CEE)	1	Approved
2	1	CVEN	9809	Reinforced Concrete Design	6	CE	3165	Structural Concrete Design	4	Rejected
3	1	CVEN	4404	Fundamentals of Traffic Engineering	6	CE	3121	Transportation Engineering	4	Rejected
4	1	CVEN	4101	Problem solving for Engineers	6	CE	4981	Exchange Technical Elective	4	Approved
5	1	CVEN	4104	Sustainability in Construction	6	CE	4981	Exchange Technical Elective	4	Approved
6	1	CVEN	4309	Sustainable Timber Engineering	6	CE	4981	Exchange Technical Elective	4	Approved
7	1	PHYS	1160	Introduction to Astronomy	6	EX	1005	Exchange UEM (CEE)	4	Approved
7	2	PHYS	1160	Introduction to Astronomy	6	EX	1031	Exchange UEM	1	Approved
8	1	GEOS	1211	Earth and Environmental Science	6	EX	1006	Exchange UEM (CEE)	4	Approved
9	1	CVEN	3701	Environmental Framework, Law and Economics	6	EX	3004	Exchange Technical Elective	4	Approved

Not approved. Should map CVEN3304 to CE3165

CVEN4404 is only about 50% similar where no pavement & geometric design component. If you are able to locate another module that has pavement and geometric design component, then take both to map to CE3121 and the extra equivalent MCs shall be given to you as UEM.

Uni of New South Wales_Sem2

<u>Mapping Nbr</u>	<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
10	1	ELEC	4122	Strategic Leadership & Ethics	6	EG	2401	Engineering Professionalism	3	Approved
11	1	CVEN	4503	Groundwater Investigation	6	CE	4981	Exchange Technical Elective	4	Approved
11	2	CVEN	4503	Groundwater Investigation	6	EX	2045	Exchange UEM (CEE)	1	Approved
12	1	CVEN	3701	Environmental Frameworks	6	CE	3981	Exchange Technical Elective	4	Approved
13	1	CVEN	4102	Operations and Projects	6	CE	4981	Exchange Technical Elective	4	Approved
14	1	ARTS	2755	Humanitarian Action	6	EX	1005	Exchange UEM (CEE)	4	Approved
14	2	ARTS	2755	Humanitarian Action	6	EX	1030	Exchange UEM	1	Approved
15	1	CVEN	4201	Rock and Slope Engineering	6	CE	4982	Exchange Technical Elective	4	Approved

Uni of Tokyo_Sem2

<u>Mapping Nbr</u>	<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
2	1	FSC	CH2101L2	Chemical Thermodynamics I	2	CN	2121	Chemical Engineering Thermodyn	4	Rejected
3	1	CAS	TC1200S1	Introductory Physics	2	PC	1431	Physics IE	4	Approved
6	1	FSC	CH3102L2	Chemical Thermodynamics II	2	CN	2121	Chemical Engineering Thermodyn	4	Approved
7	1	FEN	SI4502L3	Advanced Environment & Energy	2	ESE	4406	Energy and the Environment	4	Approved
11	1	FEN	SL4B31L3	Fundamental Mechanics	2	CE	2134	Hydraulics	4	Rejected
12	1	FEN	JL4M20L1	The Japanese Language Class (Begining-1A)	6	LAJ	1741	Department Exchange Module	4	Approved
15	1	FAS	DA4F10	Environmental Risk Management	2	ESE	4616	Exchange Technical Elective 1	4	Approved
16	1	FAS	DA4F38L3	Energy Technology and Natural Resources III	2	ESE	4406	Energy and the Environment	4	Approved
17	1	FAS	HA4B02L2	Integrated Japanese I (1) (L1)	6	LAJ	1201	Japanese 1	4	Approved
18	1	FAS	DA4F39L3	Energy and Environmental Engineering	2	EX	3897	Exchange Technical Elective (C)	4	Approved
19	1	FAS	DA4F31L3	Earth System Science II	2	CE	3132	Water Resources Engineering	4	Rejected
20	1	FAS	DA4F31L3	Earth System Science II	2	CE	2134	Hydraulics	4	Rejected
21	1	FAS	DA4F16L3	Development and the Environment (2)	2	ESE	4616	Exchange Technical Elective 1	4	Approved

mapping is not approved for CN2121 due to the much lighter syllabus

Not appropriate to take as this module is half of CE2134 and half of CE2155.

Only can map to less than half of CE3132

Not equivalent

Uni of Tokyo_Sem2

<u>Mapping Nbr</u>	<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
22	1	FAG	CE3I08L1	Biochemistry for Environmental	1	ESE	3301	Environmental Microbio Prin	4	Rejected

Firstly, the credit hours is too little to be considered to be equivalent to a 4 MCs.

Secondly, both the mappings modules are emphasizing on different studies:
 CE3108L1 - Life is living in a variety of environments, and it is combined with environmental factors and factors in living organisms living there.
 ESE3301 - This module provides students with a foundation in environmental microbiology and its application to pollution control and biotechnology. It provides an introduction to the basic concepts, processes, and principles of microbiology, as well as the microbial aspects of wastewater treatment.

Uni of Bristol_Sem2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CENG	33600	Water Engineering 3	10	CE	3981	Exchange Technical Elective	4	Approved
1	CENG	36400	Scheme Design 3	10	CE	3982	Exchange Technical Elective	4	Approved
1	CENGM	44	Disaster Risk Reduction	10	CE	4981	Exchange Technical Elective	4	Approved
1	CENGM	47	Dynamics Laboratories	10	CE	4982	Exchange Technical Elective	4	Approved
1	CENGM	32	Engineering for International Development	10	CE	4982	Exchange Technical Elective	4	Approved
1	CENGM	38	Geotechnical Engineering Practice	10	CE	4982	Exchange Technical Elective	4	Approved
1	CENGM	51	Hazards and Infrastructure	10	CE	4982	Exchange Technical Elective	4	Approved
1	CENGM	25	Integrated Catchment Management	20	CE	4981	Exchange Technical Elective	4	Approved
1	CENG	36500	Sustainable Construction 3	10	EX	3897	Exchange Technical Elective (C)	4	Approved
1	CENGM	20	Environmental Systems and Ecosystem Services	20	EX	4003	Exchange Technical Elective (C)	4	Approved
2	CENGM	20	Environmental Systems and Ecosystem Services	20	EX	4004	Exchange Technical Elective (C)	4	Approved
1	CENGM	18	Water Resources Risk Management 4	10	CE	4982	Exchange Technical Elective	4	Rejected
1	CENG	31400	Structural Engineering 3	10	CE	5513	Plastic Analysis Of Structures	4	Approved
1	ARCH	1001	Evolution in Action	20	EX	1006	Exchange UEM (CEE)	4	Approved
2	ARCH	1001	Evolution in Action	20	EX	1005	Exchange UEM (CEE)	4	Approved
1	CENGM	25	Integrated Catchment Management	20	CE	4981	Exchange Technical Elective	4	Approved
2	CENGM	25	Integrated Catchment Management	20	CE	4982	Exchange Technical Elective	4	Approved
1	CENG	3140	Structural Engineering 3	10	CE	5513	Plastic Analysis Of Structures	4	Approved
1	CENG	36500	Sustainable Construction 3	10	CE	4981	Exchange Technical Elective	4	Approved

This module is similar to our CE3132

Remap to CE5513 (on exceptional case)

Uni of California_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status	
1	CIV ENG	110	CIV ENG 110 Water Systems of the Future 3 Units	3	ESE	3401	Water & Wastewater Engineerg 1	4	Rejected	Not the same
1	CIV ENG	124	Structural Design in Timber	3	CE	3961	Exchange Unrestricted Elective	4	Approved	
1	CIV ENG	122N	Design of Steel Structures	3	CE	3166	Structural Steel Design & Syst	4	Approved	
1	CIV ENG	123N	Design of Reinforced Concrete Structures	3	CE	3165	Structural Concrete Design	4	Approved	
1	CIV ENG	211A	Environmental Physical-Chemical Processes	3	CE	3962	Exchange Unrestricted Elective	4	Approved	
1	CIV ENG	268H	Advanced Project Planning and Control	3	CE	5806	Advanced Project Management wi	4	Approved	
1	CIVENG	113	Ecological Engineering for Water Quality Improvement	3	ESE	3401	Water & Wastewater Engineerg 1	4	Rejected	Not the same
1	CIVENG	114	Environmental Microbiology	3	ESE	3301	Environmental Microbio Prin	4	Approved	
1	CIVENG	218A	AIR QUALITY ENGINEERING	3	ESE	3201	Air Quality Management	4	Approved	
1	ECI	132	Structural Design: Metallic Elements	4	CE	3166	Structural Steel Design & Syst	4	Approved	
1	ECI	138	—Earthquake Loads on Structures	4	CE	3116	Foundation Engineering	4	Rejected	Totally out and more related to structure
1	ECI	153	Deterministic Optimization and Design	4	CE	4982	Exchange Technical Elective	4	Approved	
1	ECI	161	Transportation System Operations	4	CE	4981	Exchange Technical Elective	4	Approved	
1	ECI	163	—Energy and Environmental Aspects of Transportation	4	CE	3121	Transportation Engineering	4	Rejected	Not as CE3121 but can be a dummy TE
1	ECI	175	Geotechnical Earthquake Engineering	4	CE	3116	Foundation Engineering	4	Rejected	Totally out. Can be mapped to dummy TE

Uni of California_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	ECI	179	Pavement Engineering	4	CE	3121	Transportation Engineering	4	Approved
1	ECN	122	Theory of Games and Strategic Behavior	4	EX	1007	Exchange UEM (CEE)	4	Approved
1	ENGRCEE	121	Transportation Systems I: Analysis and Design.	4	CE	3121	Transportation Engineering	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	ENGRCEE	222	Transportation Systems II: Operations & Control.	4	CE	4982	Exchange Technical Elective	4	Approved
1	ENGRCEE	151B	Structural Timber Design	4	CE	3961	Exchange Unrestricted Elective	4	Approved
1	ENGRCEE	151C	Reinforced Concrete Design.	4	CE	3165	Structural Concrete Design	4	Approved
1	ENVE	121	ENVE 121: Environmental Microbiology	4	ESE	3301	Environmental Microbio Prin	4	Approved
1	ENVE	130	ENVE 130: Meteorology and Air Pollution	4	ESE	3201	Air Quality Management	4	Rejected
1	ENVE	170	ENVE 170: Contaminant Fate and Transport	4	ESE	3401	Water & Wastewater Engineerg 1	4	Rejected
1	ENVE	176	Water and Wastewater Treatment	3	ESE	3401	Water & Wastewater Engineerg 1	4	Approved
1	EPS	50	The Planet Earth	4	XD	3103	Planet Earth	4	Approved
1	ESS	124	Terrestrial Ecosystem Ecology	3	GE	2220	Terrestrial and Coastal Envmts	4	Approved
1	FLM&MDA	85A	INTRODUCTION TO FILM AND VISUAL ANALYSIS	4	GEH	1011	Film and History	4	Approved
1	GEOG	136	Terrestrial Hydrology	4	GE	2220	Terrestrial and Coastal Envmts	4	Approved
1	GLOBAL	123L	Perspectives For Sustainable Rural Development	4	EX	2052	Exchange UEM	5	Approved
1	POL SCI	1	Introduction to American Politics	4	EX	1042	Exchange UEM	5	Approved
1	SEASIAN	10A	Southeast Asian	3	EX	1005	Exchange UEM (CEE)	4	Approved

Not the same

Not the same

Uni of Illinois_Sem1&2

SEM 1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CEE	422	Construction Cost Analysis	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	CEE	528	Construction Data Modeling	4	EX	4003	Exchange Technical Elective (C	4	Approved
1	CEE	421	Construction Planning	3	EX	4006	Exchange Technical Elective (C	4	Approved
1	CEE	412	High-speed Rail Engineering	3	EX	4007	Exchange Technical Elective (C	4	Approved
1	CEE	398	SPECIAL TOPICS	3	EX	1012	Exchange UEM (CEE)	3	Approved
1	CEE	461	Reinforced Concrete I	3	CE	3165	Structural Concrete Design	4	Approved
1	CEE	483	Soil Mechanics and Behavior	4	EX	4009	Exchange Technical Elective (C	4	Approved
1	CEE	460	Steel Structures I	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CEE	472	Structural Dynamics I	3	CE	4258	Structural Stability & Dynamic	4	Approved
1	CEE	330	Environmental Engineering	3	ESE	3001	Water Quality Engineering	4	Approved
1	CEE	570	Finite Element Methods	4	CE	4257	Linear Finite Element Analysis	4	Approved
1	CEE	310	Transportation engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CS	125	Intro to Computer Science	4	CS	1010	Programming Methodology	4	Approved
1	ECE	316	Ethics and Engineering	3	EG	2401	Engineering Professionalism	3	Approved
1	TE	360	Lectures in Engineering Entrepreneurship	1	EE	3031	Innovation & Enterprise I	4	Approved

Uni of Illinois_Sem1&2

SEM 2

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	ASTR	210	Introduction to Astrophysics	3	EX	2008	Exchange UEM (CEE)	4	Approved
1	CEE	310	Transportation Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	CEE	330	Environmental Engineering	3	ESE	3001	Water Quality Engineering	4	Rejected
1	CEE	350	Water Resources Engineering	3	CE	3132	Water Resources Engineering	4	Approved
1	CEE	360	Structural Engineering	3	CE	3155	Structural Analysis	4	Approved
1	CEE	380	Geotechnical Engineering	3	CE	3115	Geotechnical Engineering	4	Approved
1	CEE	412	High-Speed Rail Engineering	3	CE	4981	Exchange Technical Elective	4	Approved
1	CEE	417	Urban Transportation Planning	4	CE	5205	Transportation Planning	4	Approved
1	CEE	417	Urban Transportation Planning	4	CE	4982	Exchange Technical Elective	4	Approved
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	480	Foundation Engineering	3	CE	3116	Foundation Engineering	4	Approved
1	CEE	484	Applied Soil Mechanics	4	CE	3115	Geotechnical Engineering	4	Approved
1	HORT	106	The Sustainable Home Garden	3	EX	2007	Exchange UEM (CEE)	4	Approved
1	NPRE	402	Nuclear Power Engineering	3	CE	3981	Exchange Technical Elective	4	Approved

Not so much the same.

Uni of Leeds_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CIVE	2150	Structural Design 1	20	CE	3166	Structural Steel Design & Syst	4	Approved
2	CIVE	2150	Structural Design 1	20	CE	3165	Structural Concrete Design	4	Approved
1	CE	5975M	Foundation Engineering (MSc)	15	CE	3116	Foundation Engineering	4	Rejected
1	CIVE	5975M	Foundation Engineering	15	CE	3116	Foundation Engineering	4	Approved
1	CIVE	3385	Introduction to Railway Engineering and Planning	10	EX	4003	Exchange Technical Elective (C)	4	Approved
1	LUBS	1260	Mathematics for Economics and Business 1	10	MA	1102R	Calculus	4	Rejected
1	LUBS	2035	Finance for Small Business	10	ACC	2002	Managerial Accounting	4	Rejected
1	TRANS	3031	Public Transport Policy and Practice	10	CE	3121	Transportation Engineering	4	Rejected

This is an advance level module. For CE3116, it can be mapped from CIVE3510 Foundation Engineering Fundamentals

too different

Can be Mapped to FIN3120X

Can be mapped to TP5026 Transport Management and Policy

Uni of Leeds_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CIVE	3390	Structural Analysis 2	10	CE	4257	Linear Finite Element Analysis	4	Rejected
1	LUBS	1260	Mathematics for Economics and Business 1	10	EC	2104	Quantitative Mtd for Eco Analy	4	Rejected
1	FOOD	1131	Traditional Alcoholic Beverages	10	FST	1991	Exchange Enrichment Level 1000	4	Approved
1	LUBS	1260	MAThematics for economics and business	10	EX	1007	Exchange UEM (CEE)	4	Approved
1	CIVE	3390	Structural analysis 2	10	CE	5513	Plastic Analysis Of Structures	4	Approved
1	LEED	2060	Sports Development and Management	10	EX	2007	Exchange UEM (CEE)	4	Approved
1	CIVE	2550	Highway Engineering	10	CE	3121	Transportation Engineering	4	Approved
1	FLTU	1805	Beginners Spanish	10	LAS	1731	Department Exchange Module	3	Approved

The module cannot be mapped to CE4257 as half is similar to CE3155 and the other half is similar to CE5513.
CIVE5960M can be mapped to CE4257.

Uni of Southern California_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CHEM	300L	Analytical chemistry	4	CM	2991	Exchange Enrichment Module	4	Approved
1	CE	484	Water Treatment Design	3	ESE	3401	Water & Wastewater Engineerq 1	4	Approved
1	CE	210L	Introduction to Environmental Engineering Microbiology	3	ESE	3301	Environmental Microbio Prin	4	Approved
1	CE	453	Water Quality Science and Engineering	3	ESE	3401	Water & Wastewater Engineerq 1	4	Approved
1	CTCS	469	Film and/or television Style Analysis	4	EX	3890	Exchange UEM (CEE)	4	Approved
1	CE	358	Theory of structures 1	3	CE	3155	Structural Analysis	4	Approved
1	ENST	387	economics for natural resources and the enviornment	4	EX	3103	Exchange UEM (CEE)	4	Approved
1	GEOG	360	environmental disasters	4	EX	3104	Exchange UEM (CEE)	4	Approved

Uni of Southern California_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CE	476	design of pressurized hydraulic systems	3	CE	3132	Water Resources Engineering	4	Rejected
1	CE	460	Construction Engineering	3	CE	2183	Construction Project Mgmt	4	Approved

Course 451 Water Resources Engineering, together with 476 would map onto CE3132. If you decided taking both, map "Many to One" – CE476 & CE451 map to CE3132, and upon credits transfer, an additional 1 module (3 credits to 4 NUS MCs) will be returned to you in the form of either level-3000 TE (which you can take 1 only, among the TEs requirements) or level-3000 UEM.

Uni of Southern California_Sem1

<u>Mapping Seq Nbr</u>	<u>PU Module Subject</u>	<u>PU Module Course Nbr</u>	<u>PU Module Title</u>	<u>PU Module Units</u>	<u>NUS Subject Area</u>	<u>NUS Catalog Nbr</u>	<u>NUS Module Title</u>	<u>NUS Module MC</u>	<u>Mapping Status</u>
1	CE	482	foundation design	3	CE	2183	Construction Project Mgmt	4	Rejected
1	CE	469	Sustainable Design and Construction	3	EX	3897	Exchange Technical Elective (C	4	Approved
1	CE	456	design of steel structures	3	EX	3897	Exchange Technical Elective (C	4	Rejected
1	CE	478	Timber and Masonry Design	3	EX	4003	Exchange Technical Elective (C	4	Rejected
1	CE	469	Sustainable Design and Construction	3	AR	2723	Strat for Sustainable Archi	4	Approved
1	CE	358	theory of structures 1	3	EX	4003	Exchange Technical Elective (C	4	Rejected
1	CTCS	466	Theatrical Film Symposium	3	EX	3103	Exchange UEM (CEE)	4	Approved
1	CTCS	402	Practicum in Film/Television Criticism	15	EX	2007	Exchange UEM (CEE)	4	Approved

This is a Geotechnical module and nothing to do with Project Management.

Module is similar to CE3166

We do not see major Environmental Engg related element in CE478. If you want, you can take it as UEM.

This module has been approved as CE3155 because they are indeed similar.

Uni of Southern Denmark_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	X-STL2	X-STL2	Theory and Analysis of Steel Structures	5	CE	3166	Structural Steel Design & Syst	4	Rejected
1	B-SKB-U2	B-SKB-U2	Large panel buildings	5	CE	3165	Structural Concrete Design	4	Rejected
1	XP-STL2-	XP-STL2-U1	Project in analysis of steel structures	5	CE	3166	Structural Steel Design & Syst	4	Approved
1	B-SKB-U2	B-SKB-U2	Large panel buildings	5	CE	5611	Precast Concrete Technology	4	Approved
1	X-PMA1-U	X-PMA1-U02	Project Management	5	CE	3981	Exchange Technical Elective	4	Approved
1	X-VIBS-U	X-VIBS-U1	Structural Vibrations	5	CE	1101	CE Principles & Practice	6	Rejected
1	X-VIBS-U	X-VIBS-U1	Structural Vibrations	5	CE	4258	Structural Stability & Dynamic	4	Approved
1	B-SUB-U0	B-SUB-U01	Sustainable Buildings	5	CE	3981	Exchange Technical Elective	4	Approved
1	X-SCM1-U	X-SCM1-U02	Supply Chain Management 1	5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	B-STL2-U	B-STL2-U2	Theory and analysis of steel structures	5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	T	T000050101	Passive Solar Design and Daylighting	5	CE	3982	Exchange Technical Elective	4	Rejected

It is different from CE3166. It can be mapped to a TE

By title, it is already not fitting. Can only be mapped to dummy TE.

Remap to CE4258

More related to archi on building and not much on the technical expect of CE. It can be taken as an UEM

Uni of Southern Denmark_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	T	T000050101	Passive Solar Design and Daylighting	5	CE	3962	Exchange Unrestricted Elective	4	Approved
1	T	T00002610	Theory and analysis of steel structures	5	CE	4258	Structural Stability & Dynamic	4	Approved
1	T	T030025101	Structural Vibrations	5	CE	3981	Exchange Technical Elective	4	Approved
1	T	T600012101	Engineering Optimization	5	CE	3981	Exchange Technical Elective	4	Rejected
1	T	T100012101	Organization and Management 1	5	CE	5806	Advanced Project Management wi	4	Rejected
1	T	T000036101	Project in analysis of steel structures	5	CE	3166	Structural Steel Design & Syst	4	Approved
1	T	T000025101	Large panel buildings	5	CE	5611	Precast Concrete Technology	4	Approved
1	T	T600012101	Engineering Optimization	5	CE	3961	Exchange Unrestricted Elective	4	Approved
1	T	T100009101	Cross Cultural Management	5	CE	3961	Exchange Unrestricted Elective	4	Rejected

This is a Year 1/Year 2 kind of fundamental module

Very different from CE5806. This PU module is more on HR studies.

Remap to EX2007Exchange UEM (CEE)

Vanderbilt Uni (US)_Sem2

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CE	4250	Foundation Analysis Design	3	CE	3116	Foundation Engineering	4	Approved
1	CE	3205	Structural Design	3	CE	3166	Structural Steel Design & Syst	4	Approved
1	CE	3501	Transport System Engineering	3	CE	3121	Transportation Engineering	4	Rejected
1	CE	4210	Advanced Reinforced Concrete Design	3	CE	3165	Structural Concrete Design	4	Approved
1	CE	4250	Foundation Analysis and Design	3	CE	5107	Pile Foundations	4	Rejected
1	CE	4205	Intelligent Transportation Systems	3	TP	5025	Intelligent Transportation Sys	4	Approved
1	CE	4500	Transportation Systems Design	3	CE	3121	Transportation Engineering	4	Rejected
1	CE	6318	Prestressed Concrete	3	CE	5510	Advanced Structural Concrete D	4	Approved
1	CE	3501	Transportation Systems Engineering	3	CE	3121	Transportation Engineering	4	Approved
1	MUSL	1640	Country Music	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CS	2201	Program Design and Data Structures	3	EX	1005	Exchange UEM (CEE)	4	Approved

This was not approved for CE3121 but to CE5203

You have submitted CE4250 to map to CE3116 and approved.

CE4500 can be mapped to CE4221. There is another module CE3501 which is mappable to CE3121.

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1	CS	2201	Program Design and Data Structures	3	CS	1020E	Data Structures & Algorithms I	4	Rejected
1	ARTS	1400	Ceramics	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	FNEC	1600	Financial Accounting	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	MGRL	1100	Fundamentals of Management	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	PSY	1200	General Psychology	3	EX	1005	Exchange UEM (CEE)	4	Approved
1	CE	4500	Transportation Systems Design	3	CE	4221	Design of Land Transport Infra	4	Approved
1	MATH	2300	Multivariable Calculus	3	MA	2104	Multivariable Calculus	4	Approved

Approving this instead because no longer able to map to CS1020/E - Vanderbilt University's CS2201 can be mapped to CS1020/E but this module will be defunct by end of this academic year, hence they are not approving it anymore. (Moreover, you have not fulfil the pre-requisites to CS1020/E, hence they cannot not allowed to approve the mapping.)

Warsaw Uni of Tech_Sem2

Mapping Nbr	Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	1	CONCR2	-	Concrete Structures II	5	CE	3165	Structural Concrete Design	4	Approved
2	1	KONMET2	-	Metal Structures II	5	CE	3166	Structural Steel Design & Syst	4	Approved
3	1	SOILE2	-	Soil Mechanics and Geotechnical Engineering II	5	CE	3116	Foundation Engineering	4	Approved
4	1	TRAN1	-	Transportation Engineering I	4	CE	3121	Transportation Engineering	4	Approved
4	2	TRAN2	-	Transportation Engineering II	3	CE	3121	Transportation Engineering	4	Approved
5	1	BAUNST	-	Basics of Underground Structures	2	CE	3981	Exchange Technical Elective	4	Rejected
6	1	ENGEOL	-	Engineering Geology	3	CE	3981	Exchange Technical Elective	4	Rejected
7	1	TOBW1	-	Technology and Organisation of Building Works I	4	CE	4982	Exchange Technical Elective	4	Approved
8	1	BORGMC	-	Basics of Organization and Management Construction	5	CE	4981	Exchange Technical Elective	4	Approved
9	1	HCCP	-	Contemporary Philosophy	2	PH	2741	Department Exchange Module	4	Approved

Please combine this with ENGEOL Engineering Geology, 3 ECTS for CE3981 Exchange Technical Elective 4 MCs under "Many to One".

Please combine this with BAUNST Basics of Underground Structures, 2 ECTS for CE3981 Exchange Technical Elective 4 MCs under "Many to One".

Warsaw Uni of Tech_Sem2

Mapping Nbr	Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
10	1	MAINST	-	Physics I - Mainstreams of Modern Physics	3	PC	1144	Introduction to Modern Physics	4	Approved
11	1	MESTR2	-	Mechanics of Structures II	5	CE	4258	Structural Stability & Dynamic	4	Approved
12	1	BAUNST	-	Basics of Underground Structures	2	CE	3981	Exchange Technical Elective	4	Approved
12	2	ENGEOL	-	Engineering Geology	3	CE	3981	Exchange Technical Elective	4	Approved
13	1	HC	1	Team Building and Leadership	2	EX	1005	Exchange UEM (CEE)	4	Rejected
14	1	HCMAR	-	Personal Finance	2	EX	1006	Exchange UEM (CEE)	4	Rejected
16	1	M	1	Polish as a foreign language	2	LAX	1741	Department Exchange Module	4	Approved
16	2	M	2	Polish as a foreign language	2	LAX	1741	Department Exchange Module	4	Approved
17	1	MAINST	1	Physics I: Modern physics - Introduction to atom and elementary particles	3	PC	1144	Introduction to Modern Physics	4	Approved

Western Uni_Sem1

Mapping Seq Nbr	PU Module Subject	PU Module Course Nbr	PU Module Title	PU Module Units	NUS Subject Area	NUS Catalog Nbr	NUS Module Title	NUS Module MC	Mapping Status
1	CEE	3347A	Reinforced Concrete Design	0.5	CE	3165	Structural Concrete Design	4	Approved
1	CEE	4401A	Principles of Transportation Engineering	0.5	CE	3121	Transportation Engineering	4	Approved
1	CEE	3344A	Structural Dynamics I	0.5	CE	4258	Structural Stability & Dynamic	4	Rejected
1	CEE	4491A	Structural Dynamics II	0.5	CE	4258	Structural Stability & Dynamic	4	Approved
1	CEE	4458A	Risk Analysis & Decision Making in Engineering	0.5	CE	4981	Exchange Technical Elective	4	Approved
1	CEE	4418A	Systems Approach for Civil and Environmental Engineering	0.5	CE	4982	Exchange Technical Elective	4	Approved
1	CEE	4465A	Environmental Design for Waste Disposal	0.5	CE	4981	Exchange Technical Elective	4	Approved
1	WRITING	2130F	Building Better (Communication) Bridges: Rhetoric and Professional Communication for Engineers	0.5	ES	2331	Communicating Engineering	4	Approved

CEE4491A is similar to CE4258