

List of Subjects Offered to Exchange/Study Abroad Students for Semester 2 (Spring) 2019/20

Department of Civil and Environmental Engineering

Please click <https://www.polyu.edu.hk/cee/current-students/subject-synopsis>

Subject Code	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
CSE20202	Fluid Mechanics for Civil Engineering	3	Dept	31469	N	Y	Y	Y
CSE20204	Advanced Structural Mechanics	3	Dept	31469	N	Y	Y	Y
CSE20302	Engineering Analysis and Computation	3	Dept	31469	N	Y	Y	Y
CSE20308	Construction Materials	3	Dept	31469 & 31474 & 31475	N	Y	Y	Y
CSE20331	Air and Noise Pollution Control for ESD	3	Dept	31474	N	Y	Y	Y
CSE30306	Hydraulics and Hydrology	3	Dept	31469	N	N	Y	Y
CSE30307	Soil Mechanics for Civil Engineers	3	Dept	31469	N	N	Y	Y
CSE30310	Design of Concrete Structures	3	Dept	31469	N	N	Y	Y
CSE30312	Transportation and Highway Engineering	3	Dept	31469 & 31474 & 31475	N	Y	Y	Y
CSE30331	Air and Noise Pollution Studies for Civil Engineering	3	Dept	31469	N	N	Y	Y
CSE30337	Water and Waste Management	3	Dept	31469	N	N	Y	Y
CSE30438	Water Supply and Sewage Engineering	3	Dept	31474	N	Y	Y	Y
CSE30460	Air and Noise Pollution Control	3	Dept	31474	N	Y	Y	Y
CSE30461	Water and Wastewater Treatment Techniques for ESD	3	Dept	31474	N	Y	Y	Y
CSE331	Air and Noise Pollution Studies	3	Dept	31470	N	Y	Y	Y
CSE374	Environmental and Safety & Health Legislation	3	Dept	31470	N	Y	Y	Y
CSE375	Construction Safety	3	Dept	31470	N	Y	Y	Y
CSE39480	Human Health and Environment	3	Dept	31470	N	Y	Y	Y
CSE40408	Traffic Surveys and Transport Planning	3	Dept	31469 & 31474	N	N	Y	Y
CSE40410	Advanced Geotechnical Design	3	Dept	31469	N	N	N	Y
CSE40418	Advanced Structural Analysis	3	Dept	31469	N	N	N	Y
CSE40419	Engineers in Society	3	Dept	31469, 31474	N	N	Y	Y
CSE40422	Infrastructure Management	3	Dept	31469	N	N	N	Y
CSE40461	Water and Wastewater Treatment Techniques for Civil Engineering	3	Dept	31469	N	N	N	Y
CSE40467	Environmental Management Systems	3	Dept	31474	N	N	Y	Y
CSE40481	Environmental Life Cycle Assessment	3	Dept	31470	N	N	Y	Y
CSE40482	Disaster Control and Management	3	Dept	31470	N	N	Y	Y
CSE432	Solid and Hazardous Waste Control I	3	Dept	31470	N	N	Y	Y
CSE460	Air and Noise Pollution Control	3	Dept	31470	N	N	Y	Y
CSE467	Environmental Management Systems	3	Dept	31470	N	N	Y	Y
CSE513	TALL BUILDING STRUCTURES	3	Dept	31469 & 31474	N	N	N	Y
CSE516	URBAN TRANSPORT PLANNING - THEORY AND PRACTICE	3	Dept	31469 & 31474	N	N	N	Y
CSE527	WATER & WASTEWATER TREATMENT PLANT DESIGN	3	Dept	31469 & 31474	N	N	N	Y
CSE532	RISK ASSESSMENT AND MANAGEMENT	3	Dept	31469 & 31474	N	N	N	Y
CSE544	SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL PLANNING	3	Dept	31469 & 31474	N	N	N	Y
CSE548	GLOBAL CLIMATE CHANGE AND SOCIETY RESPONSE	3	Dept	31469 & 31474	N	N	N	Y
CSE563	DEVELOPMENT OF TRANSPORT INFRASTRUCTURE	3	Dept	31469 & 31474	N	N	N	Y
CSE566	STATUTORY FRAMEWORK FOR CONSTRUCTION PRACTICE	3	Dept	31469 & 31474	N	N	N	Y
CSE574	DRAINAGE DESIGN	3	Dept	31469 & 31474	N	N	N	Y

Remarks:

* Eligible Student Type

** Limitation

IMPORTANT NOTE:

This list is subject to change without prior notice. In the event of any dispute, the decision of the academic department is final.

Programme Code:

31469- BEng(Hons) in Civil Engineering

31474- BEng(Hons) in Environmental Engineering and Sustainable Development

31470 - Bsc(Hons) in Environmental Occupational Safety and Health

31475 - BEng (Hons) in Sustainable Structural and Fire Engineering