

List of Subjects Offered to Exchange/Study Abroad Students for Semester 1 (Fall) 2019/20

Department of Civil and Environmental Engineering

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

Subject Code (Please insert hyperlink to the subject syllabi)	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)
CSE20201	Structural Mechanics	3	CEE	31469	Y	Y	Y	Y
CSE20206	Geology for Engineers	3	CEE	31469	Y	Y	Y	Y
CSE20207	Fluid Mechancis for ESD	3	CEE	31474	Y	Y	Y	Y
CSE29370	Introduction to Environmental Science	3	CEE	31470	Y	Y	Y	Y
CSE29371	Environmental Chemistry	3	CEE	31474	Y	Y	Y	Y
CSE30284	Quantitative Methods for Environmental Studies	3	CEE	31474	N	Y	Y	Y
CSE30301	Structural Analysis	3	CEE	31469	N	Y	Y	Y
CSE30303	Construction Management	3	CEE	31469	N	Y	Y	Y
CSE30307	Soil Mechanics for Civil Engineering	3	CEE	31469	N	Y	Y	Y
CSE30311	Design of Steel Structures	3	CEE	31469	N	Y	Y	Y
CSE30312	Transportation and Highway Engineering	3	CEE	31469	N	Y	Y	Y
CSE30337	Water and Waste Management	3	CEE	31474	N	Y	Y	Y
CSE372	Applied Mathematics for Environmental and	3	CEE	31470	Y	Y	Y	Y
CSE376	Safety Technology	3	CEE	31470	Y	Y	Y	Y
CSE377	Occupational Health and Hygiene	3	CEE	31470	Y	Y	Y	Y
CSE39300	Analytical and Quantitative Methods for Civil Engineer	3	CEE	31469	N	Y	Y	Y
CSE40403	Geotechnical Design	3	CEE	31469	N	N	Y	Y
CSE40407	Design of Transport Infrastructure	3	CEE	31469 / 31474	N	N	Y	Y
CSE40411	Rock Engineering	3	CEE	31469	N	N	Y	Y
CSE40419	Engineers in Society	3	CEE	31474	N	N	Y	Y
CSE40430	Fundamentals of Risk Assessment and Management	3	CEE	31474	N	N	Y	Y
CSE40432	Solid and Hazardous Waste Control	3	CEE	31469 / 31474	N	N	Y	Y
CSE40462	Environmental Impact Assessment - Theory and	3	CEE	31474	N	N	Y	Y

CSE464	Ergonomics and Human Factors	3	CEE	31470	N	Y	Y	Y
CSE466	Introduction to Environmental Impact Assessment	3	CEE	31470	N	Y	Y	Y
CSE49400	Advanced Structural Design	3	CEE	31469	N	N	Y	Y
CSE48404	Design Project For Civil Engineering	4	CEE	31469	N	N	Y	Y
CSE49405*	Individual Project for Civil Engineering	6	CEE	31469	N	N	Y	Y
CSE49483*	Individual Project for ESD	6	CEE	31474	N	N	Y	Y
CSE49484	Design Project for Environmental Engineers	3	CEE	31474	N	N	Y	Y
CSE508	Environmental Impact Assessment	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE509	Quantitative Techniques in Construction Planning	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE518	Water and Wastewater Treatment	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE520	Solid and Hazardous Waste Management	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE525	Noise Pollution Control	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE529	Seismic Design of Building Structures	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE539	Environmental Management Systems & Audit	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE544	Sustainable Development & Environmental Planning	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE560	Indoor Air Quality Management	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE562	Traffic Engineering and Control	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE565	Construction Technology	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE577	Advanced Structural Design	3	CEE	31469 / 31473 / 31474	N	N	N	Y
CSE578	Soil Behaviour and Geotechnical Engineering	3	CEE	31469 / 31473 / 31474	N	N	N	Y

\* CSE49405 Individual Project for 31469 is a continual subject in both Semester 1 & 2.

\* CSE49483 Individual Project for 31473 is a continual subject in both Semester 1 & 2.

#### Remarks:

\* Eligible Student Type

'ALL' = open to all exchange/ study abroad students including those admitted to other departments

'Dept' = open to exchange/ study abroad students who are admitted to this department only

\*\* Limitation

'N/A' = open to all exchange/ study abroad students

'(programme code and/or stream code)' = only open to exchange/study abroad students who are enrolled in specific discipline/stream/programm

#### 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