

*Students with HKDSE Chinese subject result at level 3 or above or equivalent
 **Students should have normally completed the general requirement in language (LCR)

[3] – 3 credits **Pre-requisite** →

Pre-requisite:
 All relevant CSE core subjects at Level 3 (i.e. CSE3XXXX)

Pre-requisite:
 CSE30438

Individual Project for Environmental Engineering
 CSE49983 [6]

Design Project for Environmental Engineering
 CSE49984 [4]

Total No. of Credits of the 4-year Programme: 12 credits and 6 practical training credits

Subjects offering in (subject to change):

Semester-1	Semester 1&2
Semester-2	Semester 2&3
Semester-3	Semester 1 or 2

Construction Practices and Safety
 CSE2700/IC2700 [2ptc]

Construction Drawing and Modelling
 CSE2701/IC2701 [3ptc]

Integrated Project for Environmental Control
 CSE2704/IC2704 [3ptc]

Summer Training
 CSE30323 [4ptc]

General Courses

Practical Eng. For Uni. Studies ELC1011 [3]
Eng. for Uni. Studies ELC1012 [3]

Univ. Chinese *CLC1104C/P [3]

English for Constr. & Environ. Professionals ELC3421 [3]

Chinese Communication for Constr. & Environ. **CLC3231P [3]

Tomorrow's Leaders APSS1L01 [3]

Healthy Lifestyle [0]

CAR – 1 2 3 & 4 (Area A, B, C & D) [12]
Service-learning subject [3]

Intro. to Civil Eng. and Sustainable Development CSE1000 [3]

EESD Adv. Courses

Ecology and Ecosystem ABCT3391 [3]
Sustainable Building BSE455 [3]
Engineers in Society CSE40419 [3]

Water Supply and Sewage Engineering CSE30438 [3]
Water and Wastewater Treatment Techniques CSE49461 [3]

Air and Noise Pollution Control CSE30460 [3]
Quantitative Methods for Engineers CSE38900 [3]
Sustainable Development Strategy CSE40475 [3]

Energy Policy & Management EE460 [3]
Environmental Impact Assess. – Theory and Practice CSE40462 [3]
Solid and Hazardous Wastes Control CSE40432 [3]

Environmental Management Systems CSE40467 [3]
Occupational Health and Hygiene CSE377 [3]

Renewable Energy BSE4412 [3]
Energy Efficient Design EE461 [3]
Development of Green Products ME42004 [3]

Transportation & Highway Engr. CSE30312 [3]
Safety Technology CSE376 [3]
Construction Safety CSE375 [3]

Design of Transport Infrastructure CSE40407 [3]
Traffic Surveys and Transport Planning CSE40408 [3]

Safety Management and Audit CSE40445 [3]
Accident Prevention and Analysis CSE40447 [3]

Risk Assessment And Management CSE49444 [3]

Choice of any three out of eleven

EESD Fundamentals

Introduction to Physics AP10001* [3]
Introduction to Chemistry ABCT1700* [3]

Calculus AMA1131 [3]
Mathematics for Engineers AMA2131 [3]

Programming Fundamentals COMP1011 [3]
Structural Mechanics CSE20201 [3]

Construction Materials CSE20308 [3]
Fluid Mechanics CSE29202 [3]

Environmental Chemistry CSE29371 [3]
Air and Noise Pollution Studies CSE29331 [3]

Engr. Thermodynamics BSE2216 [3]

Introduction to Economics AF1605 [3]