

*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)

Individual Project
for Environmental
Engineering
CSE49983 [6]

Pre-requisite:
CSE30438

Design Project for
Environmental
Engineering
CSE49984 [4]

**Total No. of Credits of the 4-year
Programme: 125 credits and 13 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]

Global Study
CSE30324 [1ptc]

General Courses

Tomorrow's
Leaders
APSS1L01 [3]
Healthy Lifestyle
[0]

Univ. Chinese
*CLC1104C/P [3]
Chinese
Communication for
Constr. & Environ.
**CLC3231P [3]

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

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

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

Intro. to Civil Eng. and
Sustainable Development
CSE1001 [1]
Intro. to Innovation and
Entrepreneurship
MM1031 [1]

Introduction to AI and
Data
Analytics for Civil
Engineering
CSE1002 [2]

EESD Adv. Courses

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

Water
Supply and
Sewerage
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 Wates
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]

#Choice of any three out of eleven

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

Risk
Assessment
And
Management
#CSE49444 [3]

EESD Fundamentals

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

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

Programming
Fundamentals
COMP1012 [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]