CENG Major: 87-91
Common Core: 36
(9 credits of double-counting allowed)

Lab (4 credits)
Environmental Control [3] CENG4710

Chemical & Environmental Engineering Lab [4] CENG3950

Introduction (6 credits)
Intro. to CBE [3] CENG1000
Or
Intro to Environmental Engineering [3] CENG1700

ChE Design (14 credits)
Modeling for Chemical & Biological Engineering [3] CENG2310

Final Year Project (6 credits)

Research Option (6 credits)
[3] CENG4980 and [3] CENG4980 or any 5000-level course in CENG or BIEN
*Students taking the Research Option must take CENG4930

Lab (4 credits)
Chemical & Environmental Engineering Lab [4] CENG3950

Depth & Electives (12 credits)
CEEV Electives x 2 chosen from:
CENG4130 Plant Design and Economics
CENG4140 Energy Resources, Conversions and Technologies
CIVL4450 Carbon Footprint Analysis and Reduction
CIVL4470 Air Quality Control and Management
ENEG4320 Energy Storage Technology
ENVR3110 Sustainable Development
ENVR3210 Environmental Technology
ENVR3220 Energy Resources and Usage

Lab (4 credits)
Environmental Control [3] CENG4710

ChE Science (15 credits)
Transport I [3] CENG2220
Transport II [3] CENG3220
CBE Thermodynamics [3] CENG2210

Others (6 credits)
Industrial Training (modules throughout 4 years) [0] CENG1980
Academic & Professional Development [0] CENG1010 & CENG4020
Engineering Seminars [0] ENGG1010 & ENGG2010

Math. & Science (24-28 credits)
Intro to Comp [3-4] COMP1021 or COMP1022P or COMP2011 or COMP1022Q (cohort in 2019, the course was last offered in 19-20)

Calculus I [3-4] MATH1012/1013/1023

General Chem. Lab [1] CHEM1050

Credit Requirement
CENG Major: 87-91
Common Core: 36
(9 credits of double-counting allowed)

Pre-requisite
Co-requisite

This program is eligible for HKIE Scheme “A” Training in Environmental Discipline on condition that graduates must have completed one of the following courses as an elective: CENG 4140/ CIVL 4470/ ENVR 3110/ ENVR 3220

Updated on: 24-Jun-2021