### Credit Requirement
- **CENG Major:** 87-91
- **Common Core:** 36

#### Pre-requisite
- **Lab:** (4 credits)
- **Chemical & Environmental Engineering Lab** [4] CENG3950

#### Corequisite
- **Lab:** (4 credits)
- **General Chem Lab** [1] CENG1050

#### Introduction (6 credits)
- **Intro. to CBE** [3] CENG1000
- **Or Materials** [3] CENG1500

#### Math. & Science (24-28 credits)
- **Analytical Chem. Or Biology** [3] BIEN2610/LIFS1901
- **Or CHEM2311**

#### CEEV Electives (12 credits)
- **x 2 chosen from:**
  - CENG4130 Plant Design and Economics
  - CENG4140 Energy Resources, Conversions and Technologies
  - CENG4950 Chem-E-Car (Pre-approved elective)
  - CIVL4450 Carbon Footprint Analysis and Reduction
  - CIVL4470 Air Quality Control and Management
  - ENEG4220 Energy Initiatives Forging Future Engineers
  - ENEG3210 Energy Storage Technology
  - ENV3110 Sustainable Development
  - ENV3210 Environmental Technology
  - ENV3220 Energy Resources and Usage

#### Final Year Project (6 credits)
- **[6] CENG4920 (Capstone)**
- **Or [6] CENG4929** (Research)
- **Or [6] CENG4940 (Co-op)**

#### Research Option (6 credits)
- **[3] CENG4980 and [3] CENG4980 or any 5000-level course in CENG or BIEN (9 credits of double-counting allowed)**
- **Students taking the Research Option must take CENG4930**

#### Lab (4 credits)
- **Environmental Control** [3] CENG4710
- **Environmental Impact Assessment** [3] CENG4720

#### Chemical & Environmental Engineering Lab (4 credits)
- **CENG3950**

#### ChE Design (14 credits)
- **Intro. to CBE** [3] CENG1000
- **Or Materials** [3] CENG1500
- **Process Dyn. & Control** [3] CENG3110
- **Modeling for Chemical & Biological Engineering** [3] CENG2310

#### ChE Science (15 credits)
- **Chemical Engrg.** [3] CENG3150
- **Or** [5] CENG3150
- **Or** [6] CENG4920 (Capstone)
- **Or** [6] CENG4929** (Research)
- **Or** [6] CENG4940 (Co-op)

#### Others (6 credits)
- **Engineering Seminars** [0] ENGG1010 & ENGG2010
- **Academic & Professional Development** [0] CENG1010 & CENG4020

#### General Chem. Lab (1 credit)
- **CHEM1050**

#### 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

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**Cohort Year 2019**

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**Updated on: 6-Jul-2022**