**Credit Requirement**

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

**Pre-requisite**

**Co-requisite**

**Introduction (6 credits)**

- Intro to CBE [3] CENG1000
- Materials [3] CENG1500

**ChE Design (14 credits)**


**ChE Science (15 credits)**

- Transport II [3] CENG3220
- Transport I [3] CENG2220
- CBE Thermo. [3] CENG2210

**Depth & Electives (12 credits)**

- CEEV Electives x 2 chosen from specified elective list, of which at least 1 course from Restricted electives:
  - Restricted electives:
    - CENG4140 Energy Resources, Conversions and Technologies
    - CIVL4450 Carbon Footprint Analysis and Reduction
    - ENEG4320 Energy Storage Technology
    - ENVR3110 Sustainable Development
    - ENVR3220 Energy Sources and Usage
    - Others
    - CENG4130 Plant Design and Economics
    - CENG4950 Chem-E-Car
    - CIVL4470 Air Quality Control and Management
    - ENEG3220 Energy Initiatives Forging Future Engineers
    - ENVR3210 Environmental Technology

- Environmental Control [3] CENG4710

**Final Year Project (6 credits)**

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

**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)**


**Fall Offering**

- Spring Offering
- Offering in both semester

**Others (6 credits)**

- Engineering Seminars [0] ENGG1010 & ENGG2010

**Math. & Science (24-28 credits)**

- Calculus I [3-4] MATH1012/1013/1023
- Calculus II [3] MATH1014/1024
- General Chem. Lab [1] CHEM1050
- Org Chem. Lab [1] CHEM2155

**Industrial Training (modules throughout 4 years)**

- [0] CENG1980
- [0] CENG1010 & ENGG2010
- [0] ENGG1010 & ENGG2010

**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 4450/ ENVR 3110/ ENVR 3220/ENEG4320

**Updated on: 4-Jul-2022**

**Cohort Year 2022**