CENG

Cohorts admitted in 2017 and 2018 (incl. Direct Entry students admitted to Year 2 in 2019)

**Math. & Science (30-34 credits)**
- Biology [3] LIFS1901/1902/2040/2210 or BIEN2610
- Calculus I [3-4] MATH1012/1013/1023
- Calculus II [3] MATH1014/1024
- Analytical Chem. [3] CHEM2311

**CENG Major: 79-83**
- 6 credits of double-counting allowed

**CEEV Major: 88-92**
- 9 credits of double-counting allowed

**Common Core: 36**

**Pre-requisite**
- CENG-only requirement
- CEEV-only requirement

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

**Final Year Project (6 credits)**
- [6] CENG4920 (Capstone)
- Or [6] CENG4930* (Research)
- Or [6] CENG4940 (Co-op)

**Research Option (6 credits)**
- [6] CENG4980 x 2

**Research Option (6 credits)**
- Fall Offering
- Spring Offering
- Offering in both semester

**Lab (4 credits)**
- Environment Control [3] CENG4710

**CENG Depth&Electives (9 credits)**
- CEEV Electives x 1 [3] chosen from:
  - CENG4140 Energy Resources, Conversions and Technologies
  - CIVL4470 Air Quality Control and Management
  - ENVR3110 Sustainable Development
  - ENVR3220 Energy Resources and Usage
  (Note: CEEV graduates must take 1 of these 4 electives to qualify for HKIE Scheme A training in Environmental Discipline)
  For other elective choices, refer to program catalog.

**Introduction (6 credits)**
- [For CEEV] Intro to Envr. Engg. [3] CENG1700
- Or

**ChE Design (12 credits)**
- Plant Design & Econ. [3] CENG4130
- Process Int. and Design [3] CENG3120

**ChE Science (15 credits)**
- CBE Thermo. [3] CENG2210

**Others (6 credits)**
- Environmental Control [3] CENG4710

**Abbreviations**
- **CENG**: Chemical & Environmental Engineering
- **CEEV**: Civil Engineering & Environmental

**Credit Requirement**
- CENG Major: 79-83
- CEEV Major: 88-92

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

**Fall Offering**
- Spring Offering
- Offering in both semester

**Cohorts admitted in 2017 and 2018**
- Also satisfies engineering intro course requirement

**Introduction (6 credits)**
- Intro to BME [3] BIEN1010
- Or
- Intro to CBE [3] CENG1000

**Final Year Project (6 credits)**
- [6] CENG4920 (Capstone)
- Or [6] CENG4930* (Research)
- Or [6] CENG4940 (Co-op)

**Research Option (6 credits)**
- [6] CENG4980 x 2