Atmosphere/Energy

Typical Sequence of Courses

Atmosphere Emphasis

Freshman

- MATH 19 (A)
- MATH 20 (W)
- MATH 21 (S)

Sophomore

- CHEM 31A (A)
- CHEM 31B* (W)
- PHYSICS 41 (W)
- CEE 64 (W)
- MATH 51 (A,W)
- MATH 53 (W,S)

Junior

- ENGR 25E (W)
- 4 ENERGY ELECTIVES (12-14 units) e.g.,
  - CEE 156 (W)
  - EARTHSYS 102 (S)
  - PHYSICS 43 (A) or PHYSICS 45 (S)
  - CEE 176A (W)
  - ENERGY 104 (S)
- CEE 70 (W)
- 6-7 ATMOSPHERE ELECTIVES (21-23 units) e.g.,
  - CEE 63 (A)
  - EARTHSYS 111 (W)
  - CEE 172 (S)
  - CEE 178 (A)
  - EARTHSYS 144 (A)
  - EARTHSYS 188 (S)
  - CEE 161A (S)

Senior

- CEE107A (A)
- STAT 60 (A,W,S)

Electives

THINK
Introsem
Writing
WAYs
Electives

Language (A,W,S)
Writing
Electives

TiS
WAYs

WAYs
Electives

3rd ENGR Fund.

Solid arrows represent direct prerequisites; dashed arrows represent recommended prerequisites.

* If CHEM 31X (or ENGR31) is taken, replace CHEM 31B with another science elective.
Atmosphere/Energy

Typical Sequence of Courses

Energy Emphasis

**Freshman**
- MATH 19 (A)
- MATH 20 (W)
- MATH 21 (S)

**Sophomore**
- CEE107A (S) -- or -- CEE107A (A)
- CHEM 31A (A)
- CHEM 31B* (W)
- ENGR 25E (W)
- PHYSICS 41 (W)
- MATH 51 (A,W)
- MATH 53 (W,S)

**Junior**
- 6-7 ENERGY ELECTIVES (22-23 units)
  - CEE 176A (W)
  - CEE 156 (W)
  - EARTHSYS 102 (S)
  - CEE 176B (S)
  - MATSCI 156 (A)
  - ME 182 (A)
  - ENERGY 104 (S)
- PHYSICS 43 (A) or PHYSICS 45 (S)
- MATH 53 (W,S)
- CEE 70 (W)

**Senior**
- 4 ATMOSPHERE ELECTIVES (12-13 units)
  - CEE 63 (A)
  - CEE 172 (S)
  - EARTHSYS 111 (W)
  - CEE 161A (S)
- ENGR 10 or 30 or 70A
- TIS WAYs
- WAYs Electives
- THINK
  - Introsem
  - Writing
  - WAYs
  - Electives
- Language (A,W,S)
  - Writing
  - Electives

Solid arrows represent direct prerequisites; dashed arrows represent recommended prerequisites.

* If CHEM 31X (or ENGR31) is taken, replace CHEM 31B with another science elective.