Pre-Energy Systems Engineering

**Fall**
- **MIME 101**
  - Engr. Orientation
  - 3 cr. (F)

**Winter**
- **ENG 212**
  - Engr. Computing (MATLAB)
  - 3 cr. (FWSpSu)

**Spring**
- **MTH 251**
  - Differential Calculus
  - 4 cr. (FWSpSu)
- **MTH 252**
  - Integral Calculus
  - 4 cr. (FWSpSu)

**Fall**
- **MTH 252 & Soph**
- **MTH 254**
  - Vector Calculus
  - 4 cr. (FWSpSu)
- **MTH 256**
  - Differential Equations
  - 4 cr. (FWSpSu)

**Winter**
- **MTH 252**
- **MTH 306**
  - Matrix & Power Series Methods
  - 4 cr. (FWSpSu)

**Spring**
- **ST 314**
  - Statistics For Engineers
  - 3 cr. (FWSpSu)

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**Chemistry option: can be CH 231+261 lab, and then CH 232+262 lab**

**† See your advisor before taking Accounting**

**‡ Restricted Electives: Students completing the ESE degree must complete 6 credits in this category. 3 of these credits can be at the 200-level, and the other 3 must be 300-level or above. Choices for 200-level include ENGR 248, ENGR 213, and ENGR 203.**

**Soph** Sophomore standing in engineering required to enroll in this class.

**Su** Courses listed in red as being available during a term, may or may not actually be offered.

Stay in close contact with your advisor to ensure you earn enough credits for the degree.