**INDUSTRIAL ENGINEERING**

**Date of first entry:**

**Expected Graduation:**

**Advisor:**

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**FRESHMAN**

- CDMM 105 (2) Public Speaking, IA
- Hum or Soc Sc (3) Sem. Grd.

**SOPHOMORE**

- MATH 220 A.G. & Calc I
  - Sem. Grd.
- IMSE 201 Intro. to IE
  - Sem. Grd.
- CHM 210 Chem. I
  - Sem. Grd.
  - Sem. Grd.
- ACCTG 231 Acctg 4 Buss Dyn
  - Sem. Grd.
- PHYS 213 Engg. Phys. I
  - Sem. Grd.
- IMSE 015 Engg. Assembly
  - Credit (Y/N).

**JUNIOR**

- MATH 222 A.G. & Calc II
  - Sem. Grd.
- STAT 510 Prob & Stat I
  - Sem. Grd.
- IMSE 251 Mfg. Proc. (Lab)
  - Sem. Grd.
- ME 212 Engg. Graphics
  - Sem. Grd.
- IMSE 015 Engg. Assembly
  - Credit (Y/N).

**SENIOR**

- MATH 551 Matrix Theory
  - Sem. Grd.
- STAT 511 Prob & Stat II
  - Sem. Grd.
- IMSE 530 Engg. Econ. Anal.
  - Sem. Grd.
- PHYS 214 Engg. Phys. II
  - Sem. Grd.
- IMSE 015 Engg. Assembly
  - Credit (Y/N).

**Computer Programming Elective:** The computer programming elective consists of 3 hours taken from CIS 200, CIS 209 or ME 400.

**Engineering Electives:** The 9 hours of basic engineering credit may not include more than 6 hours from a single department and the 9 hours must be selected from the following courses. Note, a student planning to take the FE exam is advised to take their 9 hours from classes with an *. BAE 345; CE 333, 530* (at most one of 333 and 530) and 533; CHE 350, 354*, 355*, 356*, 520, and 521; ECE 410, 511, 519* and 571; ME 512*, and 571; IMSE 562.

**Professional Electives:** The 9 hours of professional electives are designed so that the student may specialize in an area of interest. Any of the following classes may count toward the professional elective requirement. Any IMSE class; any engineering, Physics, Chemistry, Biochemistry, Biology, Geology, Kinesiology above 300; and CIS class above 200; MATH 240 and any Mathematics class above 500 except MATH 570 and 591; any Statistics class above 500 except STAT 702, 703, 706 and 710; BIO 198, 201; CHEM 230; FINAN 450, 510, 520, 643, 654; ACCTG 241, 331, 342, 433; ECON 510, 520, 530, 540; AGEC 680, 750;

**Total hours required for graduation:** 124