Requires a 3.0 average in Calculus I & II, Physics I & II with Labs, and Composition I & II.

**Mathematics – 17 hours**
- MAC 2281 (4 hrs) Engineering Calculus I
- MAC 2282 (4 hrs) Engineering Calculus II
- MAC 2283 (4 hrs) Engineering Calculus III
- EGN 4450 (2 hrs) Linear Systems
- EGN 3443 (3 hrs) Prob and Statistics for Engineers

**Science – 14 hours**
- FKL Natural Sciences Electives (6 hrs)
- PHY 2048/2048L Physics I w/Lab (4 hrs)
- PHY 2049/2049L Physics II w/Calc/Lab (4 hrs)

**FKL Natural Sciences Electives**
- EGN 3000/3000L (1 hr) Foundations of Engineering
- COP 2510 (3 hrs) Programming Concepts

**FKL Social and Behavioral Sciences – 6 hrs**
- FKL Humanities – 6 hrs
- FKL Fine Arts – 3 hrs
- FKL Human Cultural Diversity and GC – 3 hrs
- Foreign Lang – 8 hrs (or 2 years high school)

**Upper Level elective**
- Upper-Level Humanities, Social Sciences, or Fine Arts elective (3 hrs)

**General Education requirements**
- English – 6 Hours
  - ENC 1101 (3 hrs) Composition I
  - ENC 1102 (3 hrs) Composition II

**Exit requirements**
- CIS 4250 Ethical Issues and Professional Conduct (3 hrs – FKL capstone) - Senior Standing in Department
- ENC 3246 Communications for Engineers (3 hrs)

**Note**
- Data Structures is prerequisite for all software electives. Logic Design is prerequisite for all hardware courses. Discrete Structures and Data Structures are prerequisite for all theory courses. See catalog for specific prerequisites for theory and elective courses.

**Departmental Electives**
- Hardware, Software, Theory (15 hrs)
  - ____________
  - ____________
  - ____________
  - ____________
  - ____________

**Software Electives (6 hrs)**
  - ____________
  - ____________

**Theory Elective (3 hrs)**
  - ____________

**Note:** Department website lists elective courses by category. Should also consult with Department advisor.

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