NOTE: This flow chart is provided as a guide; the catalog is the only definitive source of requirements.

**Mathematics – 17 hours**

- **MAC 2281 (4 hrs)**
  - Engineering Calculus I

- **MAC 2282 (4 hrs)**
  - Engineering Calculus II

- **EGN 4450 (2 hrs)**
  - Linear Systems

- **MAC 2283 (4 hrs)**
  - Engineering Calculus III

- **EGN 3443 (3 hrs)**
  - Engineering Statistics

**Science – 14 hours**

- **FKL Natural Sciences Electives (6 hrs)**

- **PHY 2048/2048L (4 hrs)**
  - Physics I w/Calc/Lab

- **PHY 2049/2049L (4 hrs)**
  - Physics II w/Calc/Lab

**English – 6 Hours**

- **ENC 1101 (3 hrs)**
  - Composition I

- **ENC 1102 (3 hrs)**
  - Composition II

**Science – 14 hours**

- **FKL Natural Sciences Electives (6 hrs)**

**General Education requirements**

- 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)

**Exit requirements**

- **CIS 4250 Ethical Issues and Professional Conduct (3 hrs – FKL capstone)**
- **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.

**Data Electives (6 hrs)**

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

- Theory Elective (3 hrs)

**Software Electives (6 hrs)**

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