

| First Year | | | | |
|-------------------------------------------------------|-----|--------------------------------------------------|--------------------|--|
| Fall | | Spring | | |
| ENGR 101: Introduction to Engineering | 3 | ENGR 102 or ENGR 103 | 3 | |
| MATH 150: Calculus I | 4 | PHYS 270/270L: Mechanics +lab | 4 | |
| COMP 110: Computational Problem Solving (or ENGR 124) | 3.5 | MATH 151: Calculus II | 4 | |
| Core Curriculum | 3 | CHEM 151/L: Chem +lab | 4 | |
| Core Curriculum | 3 | Core Curriculum | 3 | |
| Total Hours | | 16.5 | Total Hours | |
| | | | 18 | |
| Second Year | | | | |
| Fall | | Spring | | |
| ENGR 102 or ENGR 103 | 3 | ELEC 201: Electrical Circuits | 4 | |
| PHYS 271/L: Intro to Electricity & Magnet. +lab | 4 | MATH 250: Calculus III | 4 | |
| MATH 310: Applied Math for Sci and Engr I | 3 | ISYE 330: Engineering Probability and Statistics | 3 | |
| Core Curriculum | 3 | MENG 210: Statics | 3 | |
| Core Curriculum | 3 | PHYS 272/MENG 260: Intro to Modern Physics | 3 | |
| Total Hours | | 16 | Total Hours | |
| | | | 17 | |
| Third Year | | | | |
| Fall | | Spring | | |
| ELEC 301: Electronics I | 4 | ELEC 302: Electronics II | 4 | |
| ELEC 340: Digital Design | 4 | ELEC 310: Embedded Systems Design | 4 | |
| ELEC 311: Semiconductor Elec. Dev. | 3 | ELEC 350: Signals and Systems | 3 | |
| MATH 311: Applied Math for Sci and Engr II | 3 | COMM 203: Public Speaking | 3 | |
| Core Curriculum | 3 | Core Curriculum | 3 | |
| Total Hours | | 17 | Total Hours | |
| | | | 17 | |
| Fourth Year | | | | |
| Fall | | Spring | | |
| ELEC 320: Principles of Electrical Power | 3 | ELEC 460: Control Systems Engineering | 4 | |
| ELEC 430: Applied Electromagnetics | 4 | ELEC 492: Electrical Eng. Design & Practice II | 3 | |
| ELEC 470: Communication Princ. & Circuits | 4 | ELEC Elective | 3 | |
| ELEC 491: Electrical Eng. Design & Practice I | 4 | PHIL 342: Engineering Ethics | 3 | |
| | | Life Science Elective or Core Curriculum | 3 | |
| Total Hours | | 15 | Total Hours | |
| | | | 16 | |
| Final Semester | | | | |
| Fall | | | | |
| Elec Elective | 3 | Total EE Degree Hours | | |
| Core Curriculum | 3 | 147 | | |
| Core Curriculum | 3 | | | |
| Core Curriculum | 3 | | | |
| Core Curriculum | 3 | | | |
| Total Hours | | 15 | | |