

| Semester 1 | Credits | Semester 2 | Credits | Summer | Credits |
|--|---------|---|---------|----------------|---------|
| MATH 170, Calculus I | 4 | MATH 180, Calculus II | 4 | | |
| COMP 110, Computer Programming I | 4 | COMP 150, Computer Programming II | 3 | | |
| CHEM 175, Fundamental Chemical Principles I | 4 | INTD 116, First Year Seminar II | 1 | | |
| INTD 100, First Year Seminar I | 3 | PHIL 110, Thinking Nimbly: Logic and Creative Problem-Solving | 3 | | |
| ENGL 104, The Art of Effective Writing I | 3 | General Education Elective: First Religious Studies course | 3 | | |
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| Total Credits: | 18 | Total Credits: | 14 | Total Credits: | |
| Semester 3 | Credits | Semester 4 | Credits | Summer | Credits |
| ENGR 200, Fundamental Engineering Principles | 3 | ENGR 210, Introduction to Computer-Aided Design | 3 | | |
| MATH 220, Calculus III | 3 | MATH 310, Differential Equations | 3 | | |
| PHYS 130, Introductory Physics I | 4 | PHYS 140, Introductory Physics II | 4 | | |
| General Education Elective: Fine, Visual or Performing Arts | 3 | General Education Elective: second Religious Studies course. | 3 | | |
| General Education Elective: Multicultural Women's and Gender Studies | 3 | General Education Elective: Values and Ethics | 3 | | |
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| Total Credits: | 16 | Total Credits: | 16 | Total Credits: | |
| Semester 5 | Credits | Semester 6 | Credits | Summer | Credits |
| ENGR 320, Thermodynamics | 3 | ENGR 485, Internship OR ENGR 480, Engineering Design Capstone | 3 | | |
| MATH 320, Linear Algebra | 4 | ENGR 300, Digital Circuit Design | 4 | | |
| INTD 301, Mercy Integrative Seminar | 3 | General Education Elective: Literature | 3 | | |
| General Education Elective: History | 3 | General Education Elective: Social Science | 3 | | |
| General Education Elective: Global Issues | 3 | | | | |
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| Total Credits: | 16 | Total Credits: | 13 | Total Credits: | |

| Semester 7 | Credits | Semester 8 | Credits | Summer | Credits |
|--|---------|--|---------|----------------|---------|
| ENGR 400, Analog Circuit Design | 4 | ENGR 450, Software Engineering and Computer Architecture | 3 | | |
| ENGR 310, Engineering Mechanics: Statics | 3 | Free Elective | 3 | | |
| ENGR 499, Coordinating Senior Seminar | 1 | Free Elective | 3 | | |
| Free Elective | 3 | Free Elective | 3 | | |
| Free Elective | 3 | Free Elective | 1 | | |
| | | | | | |
| Total Credits: | 14 | Total Credits: | 13 | Total Credits: | 120 |

