

Bachelor of Science in Industrial Engineering

Suggested Plan of Study AY 2016-2017

| Fall | | Winter | Spring | Key Course to Complete |
|-----------|------------------------|-----------------------|-----------------------|-----------------------------|
| Freshman | Math 220-0 | Math 224-0 | Math 230-0 | Math 220, 224, 230 |
| | Gen Eng 205-1 | Gen Eng 205-2 | Gen Eng 205-3 | EECS 111 |
| | Gen Com 102 or 103 | DTC 1 | DTC 2 | Gen Eng 205-1,2,3 |
| | Basic Science | EECS 111 | EECS 211 | DTC 1, 2 |
| Sophomore | Math 234-0 | Basic Engineering | Basic Engineering | IEMS 202 |
| | Gen Eng 205-4 | IEMS 202 | IEMS 303 | IEMS 303 Gen Eng 205-4 |
| | IEMS 313 | Basic Science | IEMS 326 | IEMS 313 |
| | Basic Science | Theme | Basic Science | IEMS 326 |
| Junior | IEMS 381 or Tech Elec. | IEMS 382 or Tech Elec | IEMS 317 | IEMS 315 |
| | EECS 317 | IEMS 315 | IEMS 383 or Tech Elec | IEMS 317 |
| | Tech Elective | Unrestricted Elective | Tech Elective | IEMS 381/382/383 |
| | Theme | Theme | Theme | EECS 317 |
| Senior | IEMS 393-1 | IEMS 393-2 | Theme | |
| | MS Elective | Tech Elective | Unrestricted Elective | MS Elective |
| | Technical Elective | Unrestricted Elective | Unrestricted Elective | IEMS 393-1, 2 |
| | Theme | Theme | Unrestricted Elective | |

Below is the most common co-op schedule, though many co-ops start summer of sophomore year. This is a sample to help guide you, though it may be changed for individual co-op schedules.

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|--------------|------------------------|-----------------------|-----------------------|---|
| Co-Op Junior | IEMS 381 or Tech Elec. | IEMS 382 or Tech Elec | Co-Op | IEMS 315 EECS 317 |
| | EECS 317 | IEMS 315 | | |
| | Tech Elective | Unrestricted Elective | | |
| | Theme | Theme | | |
| Pre Senior | IEMS 317 | IEMS 383 or Tech Elec | Co-Op | IEMS 317 MS Elective IEMS 381/382/383 |
| | MS Elective | Technical Elective | | |
| | Technical Elective | Unrestricted Elective | | |
| | Theme | Theme | | |
| Co-Op Senior | Co-Op | IEMS 393-1 | IEMS 393-2 | IEMS 393-1,2 |
| | | Technical Elective | Theme | |
| | | Unrestricted Elective | Unrestricted Elective | |
| | | Theme | Unrestricted Elective | |