**Imaging & Sensing Track Elective:**
- BIOE 477 – Imaging & Therapeutic Probes (3 hr)
- BIOE 489 NIE – Surgical Technologies (3 hr)
- BIOE 489 WD – Preclinical Molecular Imaging (3 hr)
- ECE 311 – Digital Signal Processing Lab (1 hr)
- ECE 380 – Biomedical Imaging (3 hr)
- ECE 416 – BioSensors (3 hr)
- ECE 460 – Optical Imaging (4 hr)
- ECE 467 – Biophotonics (3 hr)
- ECE 473 – Fundamentals of Engineering Acoustics (3 hr)
- ECE 480 – Magnetic Resonance Imaging (3 hr)

**Note – not taking courses as advised may result in a delayed graduation date. Students are responsible for any impact resulting from not following departmental advising.**

**If outlined in RED then the BIOE course is offered both Fall & Spring Semesters**
## Other Requirements

### General Education Requirements
- 6 hours in Humanities
- 6 hours in Social/Behavioral Sciences
- 6 hours in Liberal Education
- 1 Advanced Composition Course
- 1 Western Comparative Cultures Course
- 1 Non-Western Comparative Cultures Course
- 1 US Minority Cultures Course (FA 2018 admits and beyond only)
- 3rd Level of a Foreign Language

### Premed Requirements
- Meet with Engineering Career Services Premed advisor
- **Common Courses** (additional requirements may apply depending on school):
  - MCB 450/354 (BioChem)
  - CHEM 233 (Orgo 1 lab)
  - Social/Behavioral Science Sequence (3 courses)