Roadmap to the Four-Year BSEE Program (effective Fall '15)

**Freshman Year**
- Fall (16): ES 110 (1) Intro. to Engineering Lab, PHYS 116 (1) Physics I Lab, CS 115 (4) Program. I Intro. to Physics I
- Spring (16): MATH 161 (4) Calculus I

**Sophomore Year**
- Fall (16): PHYS 214 (4) Intro. Physics II, MATH 211 (4) Calculus II
- Spring (16): MATH 241 (4) Calculus III, MATH 261 (4) Calculus IV

**Junior Year**
- Fall (16): PHYS 220 and 221 (4) Elect. Circuits w/ lab, ES 210 (4) Digital Circ. & Logic Design w/lab
- Spring (14): ES 230 and 231 (4) Electronics I w/lab, ES 320 (2) Electronics II

**Senior Year**
- Fall (14): ES 310 (4) Micropr. & System Design w/lab

*: Indicates prerequisite for this course is senior standing in major (completion of all 300-level courses)
**: With permission only
Arrow: Indicates prerequisite
Arrow with C: Indicates Co-requisite
Numbers in parentheses indicate semester units
GE: See GE advising sheet of ES Department