Bachelor of Science in Electrical Engineering
Curriculum Flowchart – 2012-2013

Semesters

1st
- ECE 1304 Intro to Engg
- ENGL 1301
- MATH 1451
- HIST 2300
- POLS 1301

2nd
- ECE 2372 Digital Systems
- ECE 3362 Microcontrollers
- ECE 1305 Engr & Comp Prog
- CHEM 1107 Chemistry I
- POLS 2302

3rd
- ECE 3362 Microcontrollers
- ECE 3311 Electronics I
- ECE 3302 Circuits
- PHYS 1408 Physics I
- HIST 2301

4th
- ECE 3331 Project Lab I
- ECE 3312 Electronics II
- ECE 3303 Linear Systems
- MATH 3342 or IE 3341
- OR APPROVED HIST*

5th
- ECE 3332 Project Lab II
- ECE 3312 Electronics II
- ECE 3323 Princ Comm
- PHYS 2401 Physics II
- ORAL COMS*

6th
- ECE 3333 Project Lab III
- ECE 3353 Feedback Ctrl
- ECE 3341 Fields I
- MATH 3351 Diff Equations II
- Humanities* Engr 4392

7th
- ECE 4333 Project Lab IV
- ECE 4353
- ECE 3342 Fields II
- ECE 3342 Fields II
- ECE 43--† Elective (Any)

8th
- ECE 4334/43--† Proj Lab V/43-- ELEC
- ECE 4334/43--† Proj Lab V/43-- ELEC
- ECE 43--† Elective (Any)
- ECE 43--† Elective (Any)
- ECE 43--† Elective (Any)

All students must satisfy the university foreign language requirement with 2 yrs foreign language credit from high school OR 2 semesters of college credit.

* Choose from Core Curriculum list

** Taking MATH 3342 will complete a math minor.

† Students pursuing PE license may take up to four Other Engineering electives. Select from departmentally approved list.