

2015-2016 BSEE Curriculum

Updated September 7, 2016

Preparation:

MAC 2311
Calc & An Geo 1

CHM 2045
Chemistry 1

Gen Ed - Biology
(or Chem II)

Introductory:

PHY 2048
Physics w/ Calc. 1

MAC 2312
Calc & An Geo 2

Computer
Program: C or C++

STA 3032
Engr Stats

Foundational:

PHY 2049
Physics w/ Calc. 2

MAC 2313
Calc & An Geo 3

MAP 2302
Diff Equation

MAS 3114
Comp Linear Alg

EEL 3701C
Digital Logic

Breadth:

Select 3 courses

EEL 3111C
Circuits 1

EEL 3135
Signals & Sys

EEL 3000
Intro ECE

EEL 3008
Physics of EE

EEL 3112
Circuits 2

EEL 3744C
Microproc Apps

EEL 3472C
E-mag 1

EEL 3211C
Power

EEE 3396C
Solid State Dev.

EEE 3308C
Electronics 1

EEE 4260C
Bioelec Systems

EEL 4514C
Communications

EEL 4657C
Linear Controls

EEE 4511C
Real Time DSP

EEL 4712C
Digital Design

Depth:

Select a course from 2 different EE breadth areas as your EE Depth requirement.

EE Technical Courses :

EEE and EEL prefix courses that are 3000 level and higher (see advisor for approved list).

Interdisciplinary Electives: 3000/4000-level course in the College of Engineering (non-ECE) courses and Advance Math & Physics courses
ECE Design Courses:
Design 1 EEL3923C or EEL4912 IPPD 1
Design 2 EEL4924C or EEL4913 IPPD 2

Other Requirements:

UF and State Core General Education Courses
IUF1000-What is the Good Life?
ENC3246-Writing for Engineers
UT-Labs-CHM2045L, PHY2048L, & PHY2049L