

2018-2019 BSEE Curriculum Flowchart:

Preparation:

CHM2045-General Chem 1

MAC2311-Calculus 1

EEL3000-Intro to ECE

Introductory:

STA3032- ENG. Statistics

PHY2048-Phys. w/ Calc. 1

MAC2312-Calculus 2

Comp. Programming C++ or C

Foundational:

MAP2302-Differential Equat.

MAS3114-Comp. Linear Algebra

PHY2049-Phys. w/ Calc. 2

MAC2313-Calculus 3

EEL3701C- Dig Logic & Comp Sys.

EE Breadth Select 3 Courses

EEL3008-Physics of EE

EEL3111C-Circuits 1

EEL3135-Signal & Systems

EEL3112-Circuits 2

EEL3744C-Micro-P Applications

EEL3211C-Basic Elec. Energy

EEE3396C- Solid State Devices

EEE3308C-E-Circuits 1

EEL4514C-Communications

EEL4657C-Linear Control Sys.

EEL4712C-Digital Design

EEL3472C- E-Fields Appl.

EEE4260C-Bio-Electrical ENG.

EEE4511C-DSP Application

Select ONE course from TWO different EE Breadth courses as your EE Depth requirement

EE TECHNICAL ELECTIVES
 EEE and EEL prefix courses that are 3000 level and higher (see advisor for approved list).
ECE Design Courses:
 Design 1 EEL3923C or EEL4912 IPPD 1
 Design 2 EEL4924C or EEL4913 IPPD 2

Interdisciplinary Electives: 3000/4000-level course in the College of Engineering (non-ECE) courses and Advance Math & Physics courses. 3000-4000 level from the Biology /Biochemistry courses (prefixes of BSC, BCH, CHM, PCB, and ZOO). Students are able to count CHM 2046, CHM 2210, and CHM 2211.

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