2018-2019 BSEE Curriculum Flowchart:

**Preparation:**
- CHM2045-General Chem 1

**Introductory:**
- MAP2302-Differential Equat.
- STA3032- ENG. Statistics

**Foundational:**
- EEL3008-Physics of EE
- MAC2311-Calculus 1
- PHY2048-Phys. w/ Calc. 1
- MAP3114-Comp. Linear Algebra
- MAC2312-Calculus 2
- PHY2049-Phys. w/ Calc. 2
- MAC2313-Calculus 3
- EEL3115-Signal & Systems
- EEL3135-Solid State Devices
- EEL4514C-Communications
- EEL4512C-Dig Logic & Comp. Sys.
- EEL4657C-Linear Control Sys.
- EEL3701C-Dig Logic & Comp. Sys.
- EEL3744C-Micro-P Applications
- EEL4712C-Digital Design

**EE Breadth Select 3 Courses**
- EEL3211C-Basic Elec. Energy
- EEL3472C- E-Fields Appl.
- EEL3396C-Solid State Devices
- EEL3308C-E-Circuits 1
- EEL4260C-Bio-Electrical ENG.
- EEL4712C-Digital Design
- EEL3000-Intro to ECE
- EEL3008-Physics of EE
- EEL3112-Circuits 2
- EEL3744C-Micro-P Applications
- EEL4657C-Linear Control Sys.

Select ONE course from TWO different EE Breadth courses as your EE Depth requirement:
- EEL4712C-Digital Design
- EEL4514C-Communications
- EEL4260C-Bio-Electrical ENG.
- EEL4657C-Linear Control Sys.
- EEL3000-Intro to ECE

**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