BSEE Pre-Req Flowchart

Legend:
- ECE Core
- EE Core
- Tech Elective
- Math/Sci
- Gen Edu
- Not EE core

Fall 1st yr
- Pre Cal I: Math 2312 or MRS800
- College Algebra: Math 1314 or MRS700
- Phys 1370 or 620 Math SAT
- Cal I: Math 2413
- Gen Chem: Chem 1311 | Chem 1111
- Into to ECE: ELEN 1100
- ENGL 1301
- Soc. Sc. Elective

Spring 1st yr
- Cal II: Math 2414
- Foreign Lang/Comm Elective
- Gen Phys I: Phys 2425
- History Elec1
- Computers & Programm I: ELEN 1301

Fall 2nd yr
- Cal III: Math 2415
- Lin Algebra: Math 2318
- Gen Phys II: Phys 2426
- Prob & Statistic: Math 3370 or INEN 3320
- Phil 1370

Spring 2nd yr
- Diff Equa: Math 3301
- Elec. Analysi: ELEN 3381
- Circuits Analysis I: ELEN 2411
- Dig Syst Des I: ELEN 3431
- Adv Lab: ELEN 3101

Fall 3rd yr
- Circuits Analysis II: ELEN 3312
- Electronics I: ELEN 3421
- EM: ELEN 3371
- Embedded µProc. Sys: ELEN 4486
- Pols 2301

Spring 3rd yr
- Electronics II: ELEN 3322
- Signals, Sys, & Transforms: ELEN 3313
- F. of Power Eng: ELEN 3441
- Comp org & Arch: ELEN 4387
- Pols 2302

Fall 4th yr
- S. Des I: ELEN 4306
- Ctrl Eng: ELEN 4351
- Comm Syst: ELEN 4361
- EE Elective
- Fine Arts Elective

Spring 4th yr
- S. Des II: ELEN 4307
- EE Elective
- EE Elective
- History Elective