Electrical and Computer Engineering

Concentration classes shown in color highlighting may vary in the quarter offered.

Updated 09.24.24

Year 1			Year 2			Year 3			Year 4		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring

Math
- MATH124 Calculus I
- MATH125 Calculus II
- MATH204 Linear Alg
- MATH224 M Var Calc
- MATH331 Diff Eq
- EECE346 Prob/Stats

Sciences
- PHYS161 Mechanics
- PHYS162 E&M
- PHYS163 Waves

Circuits and Systems
- EECE108/ EECE109 Intro EECE
- EECE111 Circuits I
- EECE210 Circuits II
- EECE310 Contin Sys
- EECE311 Discrete Sys
- EECE361 Signal Prop

Electronics
- EECE220 Elecs I
- EECE320 Elecs II
- EECE321 Elecs Sys
- ENG 302
- EECE401 Proj Intro
- EECE402 Project II
- EECE403 Project III
- EECE404 Project IV

Three (3) Higher Level EECE Electives

Energy
- EECE372 Elec Power
- EECE378 Power Sys
- EECE374 Power Elec

AI
- EECE384 AI/RL
- EECE383 ML for Eng
- EECE385 Cyber-Phys

Controls
- EECE480 Controls

Comm/SP
- EECE362 Networks
- EECE360 Comm Sys
- EECE460 Dig Comm
- EECE433 DSP

Embedded/ Digital
- CSCI140 Intro Prog
- EECE233 Digital Elec
- EECE244 EmMicro I
- EECE344 EmMicro II
- EECE444 Embed Sys
- EECE333 Digital Sys

⎯⎯→ Prerequisite   ------→ Concurrent