Bachelor of Science in Embedded Software Engineering Flowchart
(Spring 2020, 132 hours)

Freshman
- MCS 1414 Calculus 1
- CHM 1213 U Chem 1
- PHY 2415 U Phys 1
- COM 1103 College Comp
- EEE 1001 Intro to ECE

Sophomore
- MCS 1424 Calculus 2
- PHY 2421 U Phys 1 Lab
- MCS 2514 Cmp Sci 2
- LLT 1213 World Masterpieces 1
- COM 2103 Tech & Prof Com

Junior
- MCS 2414 Calculus 3
- PHY 2423 U Phys 2
- EEE 2214 Dig Elec & Lab
- MCS 2613 Software Engineering 2
- EEE 2214 Adv Dig. Elect.

Senior
- MCS 2423 Diff Eq
- PHY 2431 U Phys 2 Lab
- EEE 3213 Microproc Lab
- MCS 2513 Software Engineering 1
- EEE 3011 Embedded Software Engr Lab 3

Key:
- 1: Must be taken before or concurrently with 2
- XXX YYYY Course Title: Course is on the CRITICAL PATH for 4-year graduation plan
- Pre-req

Note: See Program Handout for details about selecting Concentrations and ESE Electives & complete pre-req structure (note some lower level pre-reqs are not shown with upper level subjects)