Lower Division Requirements
- CHEM 6A (General Chemistry I)
- PHYS 2A (Mechanics)
- PHYS 2B (Electricity and Magnetism)
- PHYS 2C (Flu, Wav, Thrmdyn, Optics)
- PHYS 2D (Relativity & Quantum)
- MATH 20A (Calculus I)
- MATH 20B (Calculus II)
- MATH 20C (Calculus III)
- MATH 20D (Differential Equations)
- MATH 20E (Vector Calculus)
- MATH 18 (Linear Algebra)
- ECE 5 (Intro to ECE)
- ECE 15 (Engineering Computation)
- ECE 25 (Intro to Digital Design)
- ECE 30 (Intro to Computer Eng)
- ECE 35 (Intro to Analog Design)
- ECE 45 (Circuits & Systems)
- ECE 65 (Components & Circuits Lab)

Upper Division Requirements
BREADTH
- ECE 100 (Linear Electronic Systems)
- ECE 101 (Linear Systems Fundamentals)
- ECE 102 (Intro Active Circuit Design)
- ECE 103 (Fundamentals/Devices & Matrls)
- ECE 109 (Eng. Probability & Stats)

DEPTH
- CSE 141 (Intro to Computer Architecture)
- ECE 165 (Digital Integrated Circuit Design)
and two of
- ECE 111 (Advanced Digital Design Project),
- ECE 158A (Data Networks I), OR
- CSE 143 (Microelectronic System Design)

- Design Course: ECE 191 or 190

ELECTIVES
5 Technical 2 Professional

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PLEASE NOTE: All courses used to satisfy major requirements must be taken for a LETTER GRADE.