

	FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Year 1	ECE 15	ECE 45	ECE 30
	ECE 25	MATH 20E	ECE 65
	ECE 35	PHYS 2D & 2DL	ECE 107
Year 2	ECE 100	ECE 102	ECE 109
	ECE 101	ECE 103	PHYS 130A
	PHYS 100A (see notes below)	PHYS 110A	Elective #1
	MATH 110		
Year 3	Depth #1*	Depth #2*	Elective #3
	PHYS 130B	Eng. Design	Elective #4
	PHYS 140A	Elective #2	Elective #5 (not required if using PHYS 100A for an elective)

Please Note:

- PHYS 2DL and PHYS 130A have prerequisites that are not listed above. PHYS 2DL requires PHYS 2BL or 2CL. PHYS 130A requires PHYS 100A and PHYS 110A. PHYS 100A can be used towards one elective.
- *ECE 123 & 166 or ECE 135A & 135B or ECE 182 & (181 or 183):
The 2 depth courses indicated * are not always offered in fall and winter, consult with the ECE Undergraduate Office for more detailed information or visit our website.
- All courses used to satisfy major requirements must be taken for a LETTER GRADE and completed with a C- or better.
- These plans assume that students have completed equivalent lower division MATH, PHYS and CHEM courses at the community college that are required for the major.
- Depth courses are offered only once a year. Course offerings are subject to change.
- For personalized course plans, please set up an appointment with an advisor.
- Due to six different college requirements, only major requirements are listed.

MAJOR REQUIREMENTS

Lower Division Requirements

- CHEM 6A General Chemistry I
- MATH 20A Calculus I
- MATH 20B Calculus II
- MATH 20C Calculus III
- MATH 20D Differential Equations
- MATH 20E Vector Calculus
- MATH 18 Linear Algebra
- PHYS 2A Mechanics
- PHYS 2B Electricity and Magnetism
- PHYS 2C Flu,Wav,Thrmdyn,Optics
- PHYS 2D Relativity & Quantum
- PHYS 2DL Physics Lab - Modern Physics
- 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

- ECE 100 Linear Electronic Systems
- ECE 101 Linear Systems Fundamentals
- ECE 102 Intro Active Circuit Design
- ECE 103 Fundamentals/Devs & MatrIs
- ECE 107 Electromagnetism
- ECE 109 Eng. Probability & Stats

DEPTH:7 courses

- MATH 110
- PHYS 110A
- PHYS 130A
- PHYS 130B
- PHYS 140A

* ECE 123 & 166 or ECE 135A & 135B or ECE 182 & (181 or 183): _____ _____

Design Course: ECE 111, 115, 191, or 190

ELECTIVES

3 Professional

- _____
- _____
- _____

2 Technical

- PHYS 100A (see notes)
- _____