2026-2027 Requirements

Pre-Calculus Sample 4 Year Plan
Electrical Engineering B.S.

Year 1 Fall	Year 1 Spring	Year 1 Summer	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring
Gen Ed (e.g. LS) 3	ECE 1220 Intro to ECE 3		ECE 1230/1235 Circuits & Systems I/Lab 2/1	ECE 2280/2285 Circuits & Systems II/Lab 3/1	Breadth 1 3 or 4	ECE 3900 Junior Seminar 1	ECE 4900 Senior Capstone I 4	ECE 4910 Senior Capstone II 4
MATH 1050 College Algebra (QL) 4	MATH 1060 Trigonometry 3	MATH 1210 Calculus I 4	MATH 1220 Calculus II 4	MATH 2210 Calculus III 3	MATH 2250 Diff. Es and Linear Algebra 4	Breadth 2 3 or 4	ECE 3530 Engineering Probability & Statistics (QI) 3	
CS 1400 Intro to Programming 4	CS 1410 Obj. Oriented Programming 4		PHYS 2210 Physics I (PS) 4	PHYS 2220 Physics II 4	ECE 3*** Technical Elective 3 or 4	ECE 3500/3505 Signals & Systems/Lab 3/1	ECE 5*** Technical Elective (Depth) 3 or 4	ECE 3*** Technical Elective 3 or 4
Gen Ed e.g. ECE 1030 (IR/Ethics) 3	Gen Ed (e.g. WR1) 3		Gen Ed (e.g. AI) 3	Gen Ed (e.g. WR2) 3	Gen Ed e.g. QUEST (BF/DV/Ethics HF/DV/Ethics) 3	ECE 3*** Technical Elective 3 or 4	ECE 3970/3990 unrestricted Technical Elective 3 (from summer)	ECE 3*** Add'l Technical Elective 3 (if needed)
						ECE 3030 (CW) 3	Gen Ed (e.g. FF) 3	Gen Ed remaining requirement (if needed) 3
14	13	4	14	14	13-15	14-16	16-17	13-14

Credits

Department of ELECTRICAL & COMPUTER ENGINEERING
THE UNIVERSITY OF UTAH

Math & Science | Computer Science | Breadth Electives | ECE

Gen Ed Courses can be taken in or out of order with exception to WR1 and WR2.

GenEd requirements:

WR1: Writing I
WR2: Writing II
AI: American Institutions
BF: Social Science
HF: Humanities
FF: Fine Arts
LS Life Science
PS: Physical Science
DV: Diversity
IR: International Requirement
CW: Upper Division Writing
QL: Quantitative Literacy
QI: Quantitative Intensive