

B.S. ELECTRICAL ENGINEERING - UAC (Spring Admission)

FRESHMAN		SOPHOMORE		JUNIOR	SENIOR		
Spring (14 hrs)	Fall (17 hrs)	Spring (15 hrs)	Fall (16 hrs)	Spring (16 hrs)	Fall (14 hrs)	Spring (14 hrs)	Fall (14 hrs)
Math 1080 ↓ MATH 1310 Engineering Calculus I SF(4)	Math 1310 ↓ MATH 1320 Engineering Calculus II SF(4)	Math 1320 ↓ MATH 2250 Diff Equation Lin Alg SF(4)	Math 1320 ↓ MATH 2310 Vector Calculus for engineers 1	Math 1320 ↓ ECE 3530 Eng Probability & Statistics S(3)	ECE 3900 Junior Seminar 1	ECE 3030, 3900 ↓ ECE 4900 Senior Thesis I 4	ECE 4900 ↓ ECE 4910 Senior Thesis II 4
ECE 1220 Intro to ECE SF(3)	ECE1220 ↓ Math 1310 ↓ ECE 1230/1235 Circuits & Systems 1 + Lab SF(2/1)	ECE1230 ↓ Math 1320 ↓ ECE 2280/2285 Circuit's III & Lab S(4)	CS 1400 ↓ ECE1230 ↓ ECE 3500/3505 Fund Signals & Systems + Lab 4	CS 1410 ↓ ECE1230 ↓ ECE 3700 Digital System Design Breadth 1 SF(4)	Additional Technical Elective 3	Additional ECE/Eng/Math/Sci 3/4	Additional ECE/Eng/Math/Sci 3/4
CS 1400 Intro to Programming SF(4)	Math 1310 ↓ PHYS 2210 Physics for Sci & Engineers I SF(4)	PHYS 2210 ↓ PHYS 2220 Physics for Sci & Engineers II S(4)	CS 1400 ↓ CS 1410 Intro to Object - Programming SF(4)	ECE Tech Elective: ECE 3810 or ECE 3970 3	Breadth 2 4	Upper-level Technical Elective 3/4	Upper-level Technical Elective 3/4
WRTG 1010 SF(3)	WRTG 2010 SF(3)	Gen Ed or Ethics* 3	BIOL 1610 (LS & Math/Science Elective) 4	ECE 3030* Technical Communications (CW) 3	Upper-level Technical Elective 3	Depth Elective 5xxx level 3	Unrestricted TE e.g., research / internship from summer 3
	Gen Ed or Ethics* 3		Gen Ed or Ethics* 3	Gen Ed or Ethics* 3	Math/Science Elective or Add. non-ECE tech Elective 3		
*QUEST 1120 = BF + DV + Ethics *QUEST 1130 = HF + DV + Ethics *ECE3030 = WRTG 3015 + COMM1020 *IR cleared after taking a class at the U.				CS Programming	UTAH CAMPUS		
				Math and Science			
				General Educations			

B.S. ELECTRICAL ENGINEERING - UAC (Fall Admission)

FRESHMAN		SOPHOMORE		JUNIOR	SENIOR		
Fall (14 hrs)	Spring (17 hrs)	Fall (15 hrs)	Spring (17 hrs)	Fall (15 hrs)	Spring (14 hrs)	Fall (14 hrs)	Spring (14 hrs)
Math 1080 ↓ MATH 1310 Engineering Calculus I SF(4)	Math 1310 ↓ MATH 1320 Engineering Calculus II SF(4)	Math 1320 ↓ MATH 2250 Diff Equation Lin Alg SF(4)	Math 1320 ↓ ECE 3530 Eng Probability & Statistics S(3)	Math 1320 ↓ MATH 2310 Vector Calculus for engineers 1	ECE 3900 Junior Seminar 1	ECE 3030, 3900 ↓ ECE 4900 Senior Thesis I 4	ECE 4900 ↓ ECE 4910 Senior Thesis II 4
ECE 1220 Intro to ECE SF(3)	ECE1220 ↓ Math 1310 ↓ ECE 1230/1235 Circuits & Systems I + Lab SF(2/1)	CS 1410 ↓ ECE1230 ↓ ECE 3700 Digital System Design Breadth 1 SF(4)	ECE1230 ↓ Math 1320 ↓ ECE 2280/2285 Circuit s III & Lab S(4)	ECE 3500/3505 Fund Signals & Systems + Lab 4	Additional Technical Elective 3	Additional ECE/Eng/Math/Sci 3/4	Additional ECE/Eng/Math/Sci 3/4
CS 1400 Intro to Programming SF(4)	Math 1310 ↓ PHYS 2210 Physics for Sci & Engineers I SF(4)	CS 1400 ↓ CS 1410 Intro to Object - Programming SF(4)	PHYS 2210 ↓ PHYS 2220 Physics for Sci & Engineers II (SF) S(4)	ECE3610 or ECE 3970 or Gen Ed 3	Breadth 2 4	Upper-level Technical Elective 3/4	Upper-level Technical Elective 3/4
WRTG 1010 SF(3)	WRTG 2010 SF(3)	Gen Ed or Ethics* 3	Gen Ed or Ethics* 3	BIOL 1610 (LS & Math/Science Elective) 4	Upper-level Technical Elective 3	Depth Elective 5xxx level 3	Unrestricted TE e.g., research / internship from summer 3
	Gen Ed or Ethics* 3		ECE 3030* Technical Communications (CV) 3	Gen Ed or Ethics* 3	Math/Science Elective or Add. non-ECE tech Elective 3		

*QUEST 1120 = BF + DV + Ethics

*QUEST 1130 = HF + DV + Ethics

*ECE3030 = WRTG 3015 + COMM1020

*IR cleared after taking a class at the U.

CS Programming

Math and Science

General Educations

UTAH CAMPUS



Department of
ELECTRICAL & COMPUTER ENGINEERING

THE UNIVERSITY OF UTAH