



APE & BS in ELECTRICAL ENGINEERING
SLCC & UNIVERSITY OF UTAH
DEGREE PLAN: 2022-23



PRE-CALC

THIS PLAN IS FOR STUDENTS PURSUING THE APE EE DEGREE & DOES NOT GUARANTEE WHEN A COURSES IS OFFERED

FIRST YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__		
	ENGR 2950	ENGINEERING FORUM	1.0	MATH 1210	CALCULUS	4.0
	EE 1010	LAB INSTRUMENTS	1.0	PHYS 2210	PHYSICS FOR ENG I	4.0
	EE 1020	EE PROB & MATLAB	1.0	PHYS 2215	PHYSICS FOR ENG I LAB	1.0
	GEN ED (AI)	AMERICAN INSTITUTIONS	3.0	ENGL 1010	INTRO WRITING	3.0
	ENGR 1010	ENGR MATH TECHNIQUES	3.0	CSIS 1340	INTRO PROGRAMMING	3.0
	MATH 1080	PRECALCULUS	5.0			
	TOTAL CREDIT HOURS	14.0		TOTAL CREDIT HOURS	15.0	
SECOND YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__		
	EE 1270	INTRO ELEC CIRCUITS	4.0	EE 2260	FUND CIRCUITS II	4.0
	PHYS 2220	PHYSICS FOR ENG II	4.0	CSIS 1400	FUND OF PROGRAMMING	4.0
	PHYS 2225 (TE)	PHYSICS FOR ENG II LAB	1.0	MATH 2250	DIFF EQUA LIN ALG	4.0
	MATH 1220	CALCULUS II	4.0	DISTRIBUTION*	GEN EDS (FF)	3.0
	DISTRIBUTION*	GEN EDS (HF)	3.0			
		TOTAL CREDIT HOURS	16.0		TOTAL CREDIT HOURS	15.0
THIRD YEAR	APPLY TO THE U OF U EARLY			SLCC SPRING SEMESTER 20__		
	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__		
	MATH 2210	CALCULUS III	3.0	EE 2280	ELECTRONICS FUND	4.0
	CSIS 1410	FUND OF PROGRAMMING	4.0	EE 2700 (BE)	DIGITAL SYS DESIGN	4.0
	ENGL 2100	TECHNICAL WRITING	3.0	ENGR 2550	ENG PROB & STATS	3.0
	DISTRIBUTION*	GEN EDS (BF)	3.0	DISTRIBUTION*	GEN EDS (DV)	3.0
	DISTRIBUTION*	GEN EDS (FF)	3.0			
	TOTAL CREDIT HOURS	16.0		TOTAL CREDIT HOURS	14.0	
FOURTH YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	FIRST SEMESTER AT U OF U					
	ECE 3500 (BE)	SIGNALS, SYSTEMS	4.0	ECE 3000+ (TE)	TECHNICAL ELECTIVE	4.0
	ECE 3300 (BE)	EM & TRANSM LNS	4.0	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0
	ECE 3000+ (TE)	TECHNICAL ELECTIVE	4.0	ECE 3900	JUNIOR SEMINAR	1.0
	LEAP 1501 (BF)	ENGINEERING ETHICS	3.0	ECE 3030	TECHNICAL COMM	3.0
		TOTAL CREDIT HOURS	15.0	MATH 3150	PDES	2.0
				TOTAL CREDIT HOURS	13.0	
FIFTH YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	ECE 4900	SENIOR THESIS I	4.0	ECE 4910	SENIOR THESIS II	4.0
	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0	ECE 5000+ (TE)	TECHNICAL ELECTIVE	3.0
	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0
	VARIES (IR)	GEN ED	3.0	VARIES (HF)	GEN ED	3.0
		TOTAL CREDIT HOURS	13.0		TOTAL CREDIT HOURS	13.0

ADMISSION REQUIREMENTS:
2.8 GPA & PASSING CALCULUS GRADE
Meet with SLCC and U of U advisors to make an individual plan!

(BE) = Breadth Elective
(TE) = Technical Elective
Gen Ed Designations: AI, DV, IR, HF=HU, BF=SS, FF=FA