



COMPUTER ENGINEERING
2018-2019
BACHELOR OF SCIENCE 4 YEAR DEGREE PLAN

FIRST YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	ECE 1900	FRESHMAN SEMINAR	1.0	ECE 1240	ECE DESIGN LECTURE	4.0
	CS 1410-030	INTRO TO PROGRAMMING	4.0	ECE 1245	ECE DESIGN LAB	0.5
	MATH 1210/1310	CALCULUS I	4.0	ECE 1050	MATLAB	0.5
	WRTG 2010/HONOR 2211 or EAS 1060	INTERMEDIATE WRITING	3.0	MATH 1220/1320	CALCULUS II	4.0
	LEAP 1501	ETHICS IN ENGINEERING	3.0	PHYS 2210	ENG PHYSICS I	4.0
		TOTAL CREDIT HOURS	15.0		TOTAL CREDIT HOURS	17.0
SECOND YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	ECE 2240	CIRCUITS	4.0	ECE 2280	ELECTRONICS FUND	4.0
	PHYS 2220	ENG PHYSICS II	4.0	CS/ECE 3700	DIGITAL SYS DESIGN	4.0
	CS 3500	SOFTWARE PRACTICE	4.0	MATH 2250	DIFF EQUA LIN ALG	4.0
	CS/ECE 3810	COMPUTER ORG	4.0		MATH/SCIENCE ELECTIVE	3/4
		TOTAL CREDIT HOURS	16.0		TOTAL CREDIT HOURS	15/16
	THIRD YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__	
CS/ECE 3710		COMP DESIGN LAB	3.0	CS/ECE 3992	PRE-THESIS/CLINIC	3.0
CS/ECE 3991		JUNIOR SEMINAR	1.0	CS/ECE 5780	EMB SYS DESIGN	4.0
CS 2100		DISCRETE STRUCTURES	3.0	ECE 3530	ENG PROB & STATS	3.0
CS 4400		COMPUTER SYSTEMS	4.0	ECE 3030/HONOR 3200	WRITING REQUIREMENT	3.0
		GENERAL EDUCATION	6.0		GENERAL EDUCATION	3.0
		TOTAL CREDIT HOURS	17.0		TOTAL CREDIT HOURS	16.0
FOURTH YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	CS/ECE 4710	SENIOR PROJECT	3.0		TECHNICAL ELECTIVES	12.0
		TECH ELECTIVES	6.0		AMERICAN INSTITUTIONS	3.0
		GENERAL EDUCATION	6.0			
		TOTAL CREDIT HOURS	15.0		TOTAL CREDIT HOURS	15.0