



College of Engineering

Bachelor of Science - Computer Engineering

Four-Year Academic Map 2014-2015

Year 1	Semester 1			Semester 2			Total
	CHEM 1117	Chemistry for Engineers Lab	1	ECE 1331	Computers & Problems Solving	3	
	CHEM 1372	Chemistry for Engineers	3	ENGL 1304	First Year Writing II	3	
	ECE 1100	Intro to Electrical & Computer	1	HIST 1378	The United States Since 1877	3	
	ENGI 1100	Intro to Engineering	1	MATH 1432	Calculus II	4	
	ENGL 1303	First Year Writing I	3	PHYS 1321	University Physics I	3	
	HIST 1377	The United States to 1877	3	PHYS 1121	Physics Lab I	1	
	MATH 1431	Calculus I	4				
Semester Hours		16	Semester Hours		17	33	

Year 2	Semester 1			Semester 2			Total
	ECE 2100	Circuit Analysis Lab	1	ECE 4436	Microprocessor Systems	4	
	ECE 2300	Circuit Analysis	3	ECE 3331	Programming Applications	3	
	MATH 2433	Calculus III	4	ECE 3337	Signals & Systems Analysis	3	
	MATH 3321	Engineering Mathematics	3	ENGI 2304	Technical Communications	3	
	PHYS 1322	University Physics II	3	CORE	Language, Philosophy & Culture	3	
	PHYS 1122	Physics Lab II	1				
	POLS 1336	U.S. & Texas	3				
Semester Hours		18	Semester Hours		16	34	

Year 3	Semester 1			Semester 2			Total
	COSC 1320	Intro to Computer Science II	3	COSC 2320	Data Structures	3	
	ECE 3155	Electronics Lab	1	ECE 3457	Digital Electronics	4	
	ECE 3355	Electronics	3	CpE Elect/Lab	Approved CpE elective and Lab	4	
	ECE 3441	Digital Logic Design	4	INDE 2333	Engineering Statistics I	3	
	ECE 3317	Applied Electromagnetic Waves	3	MATH 3336	Discrete Mathematics	3	
	CORE	Creative Arts	3				
	Semester Hours		17	Semester Hours		17	34

Year 4	Semester 1			Semester 2			Total
	COSC 4351	Fundamentals of Software Engr	3	POLS 1337	U.S. Government	3	
	ECE 4335	ECE Design I	3	ECE 4336	ECE Design II	3	
	ECE 5367	Intro to Comp Architecture Design	3	ECE Elect	Approved ECE Elective	3	
	CpE Elect/lab	Approved CpE elective and Lab	4	Elective	Approved ECE or COSC Elective	3	
	ECON 2304	Microeconomic Principles	3				
	Semester Hours		16	Semester Hours		12	28
							129

