

Computer Engineering

1ST year

COURSE	
PREREQ	PREREQ FOR
CO-REQ	CO-REQ FOR
TERM	

CSC 111	ENGR 110	ENGR 130	MATH 100	MATH 110	PHYS 110
CSC 116, 349A ECE 255, ENGR120 MECH 458	ENGR 120		MATH 101, PHYS110,111	ECE 260	MATH100 or 109 PHYS111, ECE 216,426
SPRING, FALL	SPRING, SUMMER, FALL	FALL	SPRING, SUMMER, FALL	FALL	FALL, SPRING

CHEM 150*	ENGR 120	ENGR 141	MATH 101	PHYS 111
ECE 220	CSC 110 or 111, ENGR 110 or (112, ATWP135)	ENGR 297	MATH 100 or 109, MATH 110 or 211	ECE 216, 220, 250
SPRING	SPRING	SPRING,SUMMER	SPRING, SUMMER, FALL	SPRING, SUMMER

2nd year- 2A

ECE 241	ECE 255	CSC 116	ECE 250	MATH 200	STAT 254
ECE 299, ECE 441	CSC 111 ECE 355, 458, 460, SENG 475	CSC 110 or 111	MATH 101, PHYS111 ECE 299, ECE 300, 330,370	MATH101 ECE 216, 220, 403, MATH 204,CSC349A, MECH410,460 STAT254	MATH 200 ECE 440,463, 485
FALL	FALL	FALL	SUMMER, FALL	SPRING, SUMMER, FALL	FALL

2nd year- 2B

ECE 242	ECE 299	ECE 216	ECE 220	ECE 260	MATH 204
MATH 101,110	ECE 241, ECE 250, ENGR 120 or 121	ECE 399	MATH 200, PHYS110,111 MATH 201 or 204	ECE 340,370, 434, MECH458,466 ECE 220	CHEM101 or 150; MATH 200, PHYS111 or 112 or 125 ECE 216
SUMMER	SUMMER	SUMMER, FALL	SUMMER	SUMMER, FALL	SPRING, SUMMER, FALL

3rd year- 3A

ECE 363	ECE 300	ECE 310	One of: ECE 320	One of: ECE 330	One of: ECE 360
ECE 255 SENG 461,468	ECE 250, 260, MATH201 or 204	ECE 380, 404	ECE 260 ECE 350, 407, 435, 459, 483, 484, 486, 466 471	ECE 220, or BME 320, Min GPA3.0 over: MATH204,& PHYS110, PHYS111	ECE 412, 420,452,481
SPRING	SPRING	SPRING, SUMMER	SPRING	SPRING	SPRING
ECE 270	SENG 265	1 NS elective			
SENG 265, ECE 255; ECE 260	CSC115, CSC116	SENG 475,			
SPRING	SPRING	CHECK APPROVED LIST			

3rd year- 3B

ECE 355	ECE 356	ECE 399	ECE 441	2 of:	Or one of and 1 NS elective
ECE 241 or MATH 122, ECE 255	ECE 449, 455, 466, 471, SENG 440, 466	ECE 255 SENG 468	ECE 299, ENGR001, 3rd year standing	ECE 499	ECE 241
FALL	FALL	FALL	FALL	FALL	FALL
				ECE 350, ECE 360, ECE 370	

4th year- 4A and 4B

ECE 499	ECE 449	ECE 455	ECON 180	ENGR 297	** 6 technical electives & 1 CS elective
ECE 399, 3 of: ECE 310,350,355, 360,370,380 ENGR002, 4th year standing	ECE 355	ECE 355	MATH 101,and admission to BEng program	ENGR120 or ENGR240 or ENGL 225 or ENSH202	
SUMMER	SPRING	SUMMER, FALL	SPRING, SUMMER, FALL	SPRING, SUMMER, FALL	

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