

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 426 MATH100 or 109	MATH200, ECE 250,260, MECH295 PHYS110, MATH 100 or 102 or 109
SPRING	SPRING	SPRING,SUMMER	SPRING, SUMMER, FALL	SPRING, SUMMER

2nd year- 2A

ECE 241	ECE 255	CSC 116	ECE 250	MATH 200	STAT 254
2 nd year standing 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, 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	ECE 320 MATH200 or 205 CSC349A ECE 216
SUMMER	SUMMER	SUMMER, FALL	SUMMER	SUMMER, FALL	SPRING, SUMMER, FALL

3rd year- 3A

ECE 363	ECE 300	ECE 310	ECE 320	ECE 330	ECE 340
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	Min GPA 3.0 in all: ECE 216, 220 or BME320 MATH204	ECE 412, 420,452,481
SPRING	SPRING	SPRING, SUMMER	SPRING	SPRING	SPRING

3rd year- 3B

ECE 355	ECE 356	ECE 399	2 OF:	* 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
FALL	FALL	FALL	ECE 350, 360 370, 380	

4th year- 4A and 4B

ECE 499	CSC 349A	ECON 180	ENGR 297	ENGR 446 Technical Report	* 1 CS elective ** 7 technical electives
ECE 399 or MECH 350 or BME 350, 3 of ECE 310,350,355, 360,370,380 ENGR002, 4th year standing	CSC110 or 111; MATH 110 or 211, either MATH200 and 201 or MATH 202 or 204	MATH 101, and admission to BEng program *Spring'23	ENGR120 or ENGR240 or ENGL 225 or ENSH202	ENGR 002 & 6 units of 400-level courses ENGR 003	
SUMMER	SPRING, FALL	SPRING, SUMMER, FALL	SPRING, SUMMER, FALL	SPRING, SUMMER, FALL	

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