

Computer Engineering

Starting in Math 105

Fall Year 1	cr
Math 105: Trigonometry	3
CSCI 160: Comp Sci I	4
Chem 121	3
English 110	3
Comm 110: Communications	3
Total	16

Fall Year 2	cr
Math 166: Calculus II	4
Physics 251: Univ Physics I	4
Phys 251L: Physical Science Lab	1
ECE 275: Digital Design	4
Wellness Elective	3
Total	16

Fall Year 3	cr
Math 266: Differential Eq	3
ECE 311: Circuits II (Tech Elect)	4
ECE 320: Electronics I	3
Tech Elective	3
ECE 376: Embedded Systems	4
Total	17

Fall Year 4	cr
ECE 403: Design II	2
ECE 475 Adv Dig Design (fa)	4
ECE 474 Comp Arch (fa)	3
CSCI 459: Comp Networks	3
Eng 402: Eng Ethics`	1
ECE 341: Random Proc	3
Total	16

Spring: Year 1	cr
Math 165: Calculus I	4
Math 129: Linear Algebra	3
CSCI 161: Comp Sci II	4
ECE 111: Intro to ECE	3
English 120	3
Total:	17

Spring: Year 2	cr
Math 265: Calculus III	4
EE 206: Circuits I	4
CSCI 222: Discrete Math	3
Humanities Elective (a)	3
Social Science Elective (a)	3
Total	17

Spring: Year 3	cr
ECE 401: Senior Design I	1
EE 374: Comp Org (sp)	3
CSCI 413: Software Eng	3
ECE 343: Signals and Systems	4
Humanities Elective (b)	3
Soc Sci Elective (b)	3
Total:	17

Spring: Year 4	cr
ECE 405: Senior Design III	3
CSCI 474: Operating Sys	3
ECE Elective (a)	3
Upper Level English	3
ECE Elective (b)	3
Total	15

note: Courses in red are the important courses to take: they are pre-requisites for follow on courses