

Computer Engineering Sample Schedule	Total	Term:							
	Credit Hours	1	2	3	4	5	6	7	8
Subjects Required by all Programs (55 hours)									
Mathematics 115, 116, 215 and 216	16	4	4	-	4	4	-	-	-
Engineering 100, Introduction to Engineering	4	-	4	-	-	-	-	-	-
Engineering 101, Introduction to Computers	4	4	-	-	-	-	-	-	-
Chemistry 125/126 and 130 or Chemistry 210 and 2111	5	5	-	-	-	-	-	-	-
Physics 140 with Lab 141; Physics 240 with Lab 2412	10	-	5	5	-	-	-	-	-
Intellectual Breadth	16	4	4	-	4	-	4	-	-
Program Subjects (32 hours)									
EECS 203, Discrete Mathematics	4	-	-	4	-	-	-	-	-
EECS 215, Introduction to Circuits3	4	-	-	-	4	-	-	-	-
EECS 216, Introduction to Signals and Systems	4	-	-	-	-	4	-	-	-
EECS 270, Introduction to Logic Design	4	-	-	4	-	-	-	-	-
EECS 280, Programming and Elementary Data Structures	4	-	-	-	4	-	-	-	-
EECS 370, Introduction to Computer Organization	4	-	-	-	-	4	-	-	-
EECS 301, MATH 425, or STATS 412	3	-	-	-	-	-	3	-	-
TCHNCLCM 3004	1	-	-	-	-	1	-	-	-
TCHNCLCM 496 and EECS 4965	4	-	-	-	-	-	-	-	4
Technical Electives (28 hours) 6, 11									
Flexible Technical Electives7	7	-	-	-	-	-	-	5	2
EECS Elective8	3	-	-	-	-	-	-	3	-
Core Electives9	8	-	-	-	-	-	8	-	-
Upper Level CE Electives10	10	-	-	-	-	-	-	4	6
General Electives (13-16 hours)	13-16	-	-	3	-	3	-	4	3
Total	128	17	17	16	16	16	15	16	15

Candidates for the Bachelor of Science in Engineering in Computer Engineering - B.S.E. in Compt. E. must complete the program listed above. This sample schedule is an example of one leading to graduation in eight terms.

Notes:

C- Rule: Among science, engineering and mathematics courses, a grade of C- or below is considered unsatisfactory.

1.If you have a satisfactory score or grade in Chemistry AP, A-Level, IB Exams or transfer credit from another institution for Chemistry 130/125/126 you will have met the Chemistry Core Requirement for the College of Engineering.

2.If you have a satisfactory score or grade in Physics AP, A-Level, IB Exams or transfer credit from another institution for Physics 140/141 and 240/241 you will have met the Physics Core Requirement for the College of Engineering.

3.EECS 215 must be preceded or accompanied by Physics 240.

4.TCHNCLCM 300 can be taken independently of any EECS course, but it is a prerequisite for TCHNCLCM 496.

5.TCHNCLCM 496 must be taken in the same or later semester as the Major Design Experience (preferably the same semester).

6.Technical Electives: At least one of these classes must be an approved Major Design Experience Course.

7.Unused credits from Upper Level CE Electives or EECS Elective courses may be used to satisfy this requirement.

8.Unused credits from Upper Level CE Elective courses may be used to satisfy this requirement.

9.Core Electives: 8 hours from the following list: EECS 281, EECS 312, EECS 373, EECS 351.

10. Upper Level CE Electives: At least 10 hours Contact the EECS Undergraduate Advising Office for the current list.

11. A maximum of 4 hours of EECS 499 may be applied to Technical Elective requirements and only in the area of Flexible Technical Electives. Anything