

Sample Schedule 2007-2008

B.S.E. Computer Engineering

	Credit Hours	Terms							
		1	2	3	4	5	6	7	8
Subjects required by all programs (55 hrs.)									
¹ Mathematics 115, 116, and 216	12	4	4	-	4	-	-	-	-
Mathematics 215	4	-	-	-	-	4	-	-	-
² ENGR 100	4	-	4	-	-	-	-	-	-
ENGR 101	4	4	-	-	-	-	-	-	-
³ Chemistry 125/130 or Chemistry 210/211	5	-	5	-	-	-	-	-	-
Physics 140 with Lab 141; 240 with Lab 241	10	5	-	5	-	-	-	-	-
Humanities and Social Science	16	4	4	-	4	-	4	-	-
Program Subjects (32 hrs.)									
EECS 203, Discrete Mathematics	4	-	-	4	-	-	-	-	-
EECS 216, Signals and Systems	4	-	-	-	-	4	-	-	-
¹ EECS 215, Introduction to Circuits	4	-	-	-	4	-	-	-	-
EECS 270, Intro to Logic Design	4	-	-	4	-	-	-	-	-
EECS 280, Programming and Elem. Data Structures	4	-	-	-	4	-	-	-	-
EECS 370, Intro to Computer Organization	4	-	-	-	-	4	-	-	-
EECS 401, Math 425 or Stat 412	3	-	-	-	-	-	3	-	-
TCHNCLCM 300	1	-	-	-	-	1	-	-	-
⁴ TCHNCLCM 496/EECS 496	4	-	-	-	-	-	-	-	4
Technical Electives (28 hrs.)									
⁶ Flexible Technical Electives	7	-	-	-	-	-	-	5	2
⁵ EECS Electives	3	-	-	-	-	-	-	3	-
Core Electives	8	-	-	-	-	-	8	-	-
⁵ Upper Level CE Electives	10	-	-	-	-	-	-	4	6
Free Electives (13 hrs.)	13	-	-	3	-	3	-	4	3
Total	128	17	17	16	16	16	15	16	15

¹ EECS 215 must be preceded or accompanied by Physics 240

² Although any ENGR 100 section is acceptable, students interested in CE are encouraged to consider the "Introduction to Computing Systems" section when offered. Note that this section requires ENGR 101 or prior programming experience as a prerequisite.

³ Students who qualify are encouraged to take Chem 210 (4 hrs.) & Chem 211 (1 hr.) as a replacement for Chem 130 (3 hrs.) & 125 (2 hrs.).

⁴ TC 496 and EECS 496 are to be taken concurrently with each other and with a technical Major Design Experience (MDE) course.

⁵ Extra credits may flow from Upper Level Electives to EECS Electives to Flexible Technical Electives. As such most students will fulfill these requirements by taking three 4-credit Upper Level Electives, one 4-credit EECS Elective and one 4-credit Flexible Technical Elective.