

Computer Engineering Major

Sample Schedule

Semester 1: Fall		
MTH 207	Calculus I	5
PHY 203	Physics I	4
FYS 100 (Gen Ed)	First Year Seminar	3
CPE 105	Introduction to the Computing Environment	1
CST 110	College Writing	3
Total Credits		15

Semester 2: Spring		
MTH 208	Calculus II	4
CS 120	Software Engineering I	4
PHY 204	Physics II	4
CST 110	Communicating Effectively	3
Total Credits		15

Semester 3: Fall		
MTH 309	Linear Algebra w/ Differential Equations	4
CS 220	Software Engineering II	4
CS 225	Discrete Math	4
STAT 245	Statistics	4
Gen Ed	Arts Category	2
Total Credits		17

Semester 4: Spring		
CS 270	Computer Organization	3
CS 340	Programming III	4
PHY 334	Circuits	4
CPE 212	Digital Logic	3
Gen Ed	Minority, Multiracial category	3
Total Credits		15

Semester 5: Fall		
CS 370	Computer Architecture	3
CPE 309	Systems Development	3
CS/CPE	Elective	3
PHY 335	Electronics	4
Gen Ed	Self and Society category	3
Total Credits		16

Semester 6: Spring		
CS 441	Operating Systems	3
CS 351	Simulation	3
CS 372	Microcontrollers II	3
CPE 321	Signal Processing	3
CPE 481	Professionalism in Engineering	1
Gen Ed	Health category	3
Total Credits		16

Semester 7: Fall		
CS/CPE	Elective	3
CS/CPE	Elective	3
CPE 483	Engineering Project Management	1
Gen Ed	Arts category	2
Gen Ed	International, Multicultural category	3
CPE 498	Capstone	2
Total Credits		14

Semester 8: Spring		
CPE 478	Virtual Machines	3
CS/CPE	Elective	3
CS/CPE	Elective	3
Gen Ed	International, Multicultural category	3
Gen Ed	Humanistic category	3
CPE 498	Capstone	2
Total Credits		17