

**Software Engineering (SSEN) Model Schedule – (with CS 1121) Example only. Actual schedule will vary.
Effective Fall 2011**

1stYear				2ndYear			
Fall		Spring		Fall		Spring	
CS 1000 Explorations in Computing	1	CS 1122 Intro to Programming II	3	CS 1141 C for Java Programmers	2	CS 2311 Discrete Structures	3
CS 1121 Intro to Programming I	3			CS 2321 Data Structures	3	CS 3421 Computer Organization	4
MA 1160/1161 Calculus with Technology I	4/5	MA 2160 Calculus with Technology II	4	MA 2330 Linear Algebra	3	MA 2720 / MA 3710 Statistics/ Stats for Engineers	4/3
UN 1001 Perspectives	3	UN 1002 World Cultures	4	UN 2001 Composition	3	UN 2002 Revisions	3
Lab Science	4	Lab Science	4	Lab Science/MA Elective	3/4	HASS	3
Co-curricular** (1)		Co-curricular** (1)		Co-curricular** (1)			
Total (15-16)		Total (15)		Total (14-15)		Total (16-17)	
3rd Year				4th Year			
Fall		Spring		Fall		Spring	
CS 3141 Team Software Project	3	CS 4321 Intro to Algorithms	3	CS4711 Software Processes and Mgmt	3	CS 4421 Database Systems	3
CS 3311 Formal Models of Computation	3	CS 4710/4712 Model-Driven Software Dev/ Software Quality Assurance	3	CS 4791 Senior SSEN Project I	3	CS 4710/4712 Model-Driven Software Dev/ Software Quality Assurance	3
CS 3411 Systems Programming	3	CS 4760 Human-Computer Interface	3	Technical /Application Elective	3	CS 4792 Senior SSEN Project II	3
Technical/Application Elective	3	Technical/Application Elective	3	CS 3331 Concurrent Computing	3	HU 3120* Tech and Sci Communication	3
HASS	3	HASS	3	OSM 3100/OSM3200/MGT 3800 Quality Mgmt/Project Mgmt/Entrepreneurship	3	HASS	3
				Free Elective	3	Free Elective	3/4
Total (15)		Total (15)		Total (18)		Total (18-19)	

*This class is from the HASS Supplemental list. Please note that only 3 credits are allowed from this list when fulfilling HASS requirements

**May be moved to another semester.

NOTE: Math and Science course must total 26 credits or more.