Software Engineering
Entrepreneurship

Engineering Department-Garth Sorensen-(435)283-7531-garth.sorensen@snow.edu

Course	Credits	Semester Offered	Online	Milestones
Freshman (Semester 1)				
CS 1410 Object-oriented Programming	3	Fall,Spring		Meet with your
CS 1415 Object-oriented Programming Lab	1	Fall,Spring		academic advisor
MATH 1210 Calculus I	5	Fall,Spring		Earn 2.0 GPA or
ENGL 1010 Expository Composition	3	Fall,Spring,Summer	X	higher.
GNST 1200 Foundations	3	Fall,Spring,Summer	X	
Total Credits	15			
Freshman (Semester 2)				
CS 2420 Data Strutores & Algorithms	3	Spring		Meet with your
CS 2700 Digital Circuits	3	Spring		academic advisor.
MATH 1220 Calculus II	4	Fall,Spring		Earn 2.0 GPA or
ENGL 2010 Intermediate Research Writing	3	Fall,Spring,Summer	X	higher.
MATH 2270 Linear Algebra	3	Fall, Spring		
Total Credits	16			
Sophomore (Semester 1)				
CS 2810 Computer Organization & Arch.	3	Fall		Meet with your
MATH 3310 Discrete Math	3	Fall		academic advisor.
PHYS 2210 Physics for Sci. & Engr. I	4	Fall		Earn 2.0 GPA or
PHYS 2210 Physics for Sci. & Engr. I Lab	1	Fall		higher.
American Institutions	3	Fall, Spring, Summer	X	
GE-FA or HU or SS	3	Fall,Spring,Summer	X	
Total Credits	17			
Sophomore (Semester 2)				
CS 2450 Intro to Software Engineering	3	Spring		Meet with your
CS 2860 Operating System Theory	3	Spring		academic advisor.
MATH/SCI Elective	3	Fall,Spring		Earn 2.0 GPA or
PHYS 2220 Physics for Sci. & Engr. II	4	Spring		higher.
PHYS 2225 Physics for Sci. & Engr. II Lab	1	Spring		
GE-FA or HU or SS	3	Fall,Spring,Summer	X	
Total Credits	17			
Junior (Semester 1)				
SE 3250 Survey of Languages	3	Fall		Meet with your
SE 3520 Database Theory	3	Fall		academic advisor.
SE 3630 Mobile Application Development	3	Fall		Earn 2.0 GPA or
MATH 3000 Statistics for Sci. & Engr.	3	Fall		higher.
BUS 1600 Entrepreneurship Seminar	1	Fall,Spring		
GE-FA or HU or SS	3	Fall,Spring,Summer	X	
Total Credits	16			

Junior (Semester 2)					Meet with your academic advisor. Earn 2.0 GPA or higher.
SE 3410 Human Factors in Software Design	3	Spring			
SE 3560 Dist. Internet Appl. Development	3	Spring			
SE 3650 Prin & Patterns of Software Design	3	Spring			
ENGL 3260 Technical Writing	3	Spring			
BUS 2222 Entrepreneurship	3	Spring			
Total Credits	15				
Senior (Semester 1)					Meet with your academic advisor. Earn 2.0 GPA or higher.
SE 4120 Mangement of Software	2	Fall			
SE 4220 Requirements Engineering	3	Fall			
SE 4320 Personal Software Process	3	Fall			
SE 4400 Software Engineering I	4	Fall			
BUS 2650 Mgmt. Prin, for Entrepreneurs	3	Fall			
Total Credits	15				
Senior (Semester 2)					Meet with your academic advisor. Earn 2.0 GPA or higher.
SE 4140 Social & Ethical Issues in Comp.	2	Spring			
SE 4230 Software Testing & Quality Engr.	3	Spring			
SE 4340 Secure Coding Practices	3	Spring			
SE 4450 Software Engineering II	4	Spring			
GE Life Science	3	Fall,Spring,Summer	X		
Total Credits	15				