

Applied Mathematics and Computer Science
 Software Development Concentration Sample Schedule –120 credits

Freshman

Fall

Calc & Anal Geom 1	5
Computer Science 1	3
English 101/111	3
GE—HUM/ES	3
Physical Education	<u>1</u>
	15

Spring

Calc & Anal Geom 2	5
Computer Science 2	3
English 102/112	3
Speech	2
GE—SBSCI/GP	<u>3</u>
	16

Sophomore

Fall

Linear Algebra	3
Data Structures	4
Calculus 3	3
Prob & Math Stats 1	3
GE—HUM/GP	<u>3</u>
	16

Spring

Differential Equations	3
Intro to Computer Org	3
Graph Theory	3
Prob & Math Stats 2	3
GE—SBSCI/ES	<u>3</u>
	15

Junior

Fall

Modern Algebra 1	3
Computer Architecture	3
Numerical Analysis	3
Computer Graphics	3
Technical Writing	<u>3</u>
	15

Spring

Math Selective	3
Systems Programming	3
CS Selective	3
Database Systems	3
GE—SBSCI/ES	<u>3</u>
	15

Senior

Fall

Math Models 1	2
Real Analysis 1	3
Software Engineering	3
Software Dev. Selective	2
GE—NSCI	<u>4</u>
	14

Spring

Math Models 2	2
Math Selective	3
GE—HUM/GP	3
Software Dev. Selective	3
GE—TECH	2
Physical Education	<u>1</u>
	14