



**Sample Schedule:** students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in *four years*.

**FIRST YEAR**

**First Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 105 Introduction to Computers		3	
CSC 150 Computer Science I		3	
ENGL 101		3	
MATH 114 College Algebra		3	
SPCM 101, 215 or 222		3	
	<b>Total Credit Hours</b>	<b>15</b>	

**Second Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 250 Computer Science II	CSC 150	3	
MATH 120 Trigonometry	MATH 114	3	
MATH 201 Intro to Discrete Math	MATH 114	3	
Arts and Humanities		3	
Natural Science		3	
	<b>Total Credit Hours</b>	<b>15</b>	

**SECOND YEAR**

**Third Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 234 Software Security	CSC 250	3	Fall and Summer
CSC 300 Data Structures	CSC 250	3	
CSC 314 Assembly Language	CSC 250	3	
MATH 123 Calculus I	MATH 120	4	
ENGL 201	ENGL 101	3	
	<b>Total Credit Hours</b>	<b>16</b>	

**Fourth Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 260 Object Oriented Design	CSC 250	3	
CSC 310 Adv Data Structures	CSC 300	3	
MATH 316 Discrete Math	MATH 201	3	Spring
Arts and Humanities		3	
Social Science		3	
	<b>Total Credit Hours</b>	<b>15</b>	

## THIRD YEAR

### Fifth Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 285 Networking I		3	
CSC 410 Parallel Computing	CSC 300	3	Fall
CSC 461 Programming Languages	CSC 300	3	Fall
MATH 281	MATH 114	3	
Social Science		3	
<b>Total Credit Hours</b>		<b>15</b>	

### Sixth Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CIS 332 System Analysis and Design or CSC 321 Information Security Management	CSC 150 30 credits Completed	3	
CIS/CSC 300-400 Elective (#1)		3	
CSC 456 Operating Systems	CSC 300 and CSC 314	3	Spring and Summer
Elective		3	
Natural Science		3	
<b>Total Credit Hours</b>		<b>15</b>	

## FOURTH YEAR

### Seventh Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 470 Software Engineering	CSC 300	3	Fall
CSC 482 Algorithms and Optimization	CSC 260, CSC 300 and MATH 316	3	Fall
CIS/CSC 300-400 Elective (#2)		3	
Elective		3	
MATH elective (#1 – see catalog for approved courses)		3	
<b>Total Credit Hours</b>		<b>15</b>	

### Eighth Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 404 Foundations of Computation	CSC 300 and MATH 201	3	Spring
CIS/CSC 300-400 Elective (#3)		3	
Elective		3	
Elective		2	
MATH Elective (#2– see catalog for approved courses))		3	
<b>Total Credit Hours</b>		<b>14</b>	

***Information and course schedules may change. This is not a contract.***

***Unless otherwise noted, courses are generally offered most semesters.***