



## 3 Year Plan of Study

BACHELOR OF SCIENCE

COMPUTER SCIENCE

Catalog Year: 2025-2026

**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 **three years**.

### FIRST YEAR

#### Fall Semester

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

#### Spring Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 250 Computer Science II	CSC 150	3	FA, SP
Elective (#1) - MATH 120 Trigonometry*	MATH 114	3	FA, SP
MATH 201 Intro to Discrete Math	MATH 114	3	FA, SP
Arts and Humanities		3	FA, SP
Natural Science		3	FA, SP
Elective (#2)		3	FA, SP
	<b>Total Credit Hours</b>	<b>18</b>	

\* MATH 120 Trigonometry is a prerequisite needed to take MATH 123 Calculus I unless tested directly into MATH 123

#### Summer Term

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 234 Software Security	CSC 250	3	FA, SP
MATH 123 Calculus I	MATH 120	4	FA, SP
ENGL 201 Composition II	ENGL 101	3	FA, SP
	<b>Total Credit Hours</b>	<b>10</b>	

### SECOND YEAR

#### Fall Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 260 Object Oriented Design	CSC 250	3	FA, SP
CSC 285 Networking I		3	FA, SP
CSC 300 Data Structures	CSC 250	3	FA, SP
CSC 314 Assembly Language	CSC 250	3	FA, SP
MATH 316 Discrete Math	MATH 123 and MATH 201	3	FA, SP
Elective (#3)		3	FA, SP
	<b>Total Credit Hours</b>	<b>18</b>	

**Spring Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CIS 332 Structured Systems Analysis and Design	CSC 150		FA, SP
or CIS 424 Software Dev with Agile Methodologies	CIS 251 or CSC 250	3	SP
or CSC 321 Cyber Law and Policy			FA, SP
CSC 310 Adv Data Structures	CSC 300	3	SP
MATH 281 Intro to Stats	MATH 114	3	FA, SP
CIS/CSC 300-400 Elective (#1)		3	FA, SP
Social Science		3	FA, SP
Elective (#4)		3	FA, SP
	<b>Total Credit Hours</b>	<b>18</b>	

**Summer Term**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
Arts and Humanities		3	FA, SP
Natural Science		3	FA, SP
Social Science		3	FA, SP
	<b>Total Credit Hours</b>	<b>9</b>	

**THIRD YEAR****Fall Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 410 Parallel Computing	CSC 300	3	FA
CSC 461 Programming Languages	CSC 300	3	FA
CSC 470 Software Engineering	CSC 300	3	FA
CSC 482 Algorithms and Optimization	CSC 300 and MATH 316	3	FA
MATH Elective (#1)		3	FA, SP
	<b>Total Credit Hours</b>	<b>15</b>	

**Spring Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 404 Foundations of Computation	CSC 300 and MATH 201	3	SP
CSC 456 Operating Systems	CSC 300 and CSC 314	3	SP
MATH Elective (#2)		3	FA, SP
CIS/CSC 300-400 Elective (#2)		3	FA, SP
CIS/CSC 300-400 Elective (#3)		3	FA, SP
Elective (#5)		2	FA, SP
	<b>Total Credit Hours</b>	<b>17</b>	

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

***Revised 8/25***

***Terms in which courses are offered:***

***FA = Fall Semester***

***SP = Spring Semester***

***SU = Summer Term***