

## BS in Computer Science: 3-year plan

Milligan University

Catalog Year  
2024-2025

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan University.

Fall Semester 1		
COURSE	TITLE	CREDITS
BIBL 123	Old Testament Survey	3
CS 211	Programming Logic	3
HUMN 101	Ancient & Medieval Cultures	4
IS 201	Hardware/Software Fundamentals	3
MATH 211 or MATH 213	Calculus I or Statistics (3)	4
CS 100	Survey of Technology (fulfills MLGN 100/200)	1
<b>TOTAL CREDITS</b>		<b>18</b>

Spring Semester 2		
COURSE	TITLE	CREDITS
BIBL 124	New Testament	3
COMP 111	Rhetorical Composition	3
EXSC 101M	Fitness for Life	1
HUMN 102	Renaissance & Early Modern	4
CS 230	Information Assurance and Security	3
IS 297	Object Oriented Programming -Python	3
	General Elective	1
<b>TOTAL CREDITS</b>		<b>18</b>

Summer I		
COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cty. Culture	4
COMM 102	Speech Communications Social Learning	3
<b>TOTAL CREDITS</b>		<b>10</b>

Fall Semester 3		
COURSE	TITLE	CREDITS
CS 297	Object Oriented Programming - C++	3
COMP 211	Found. Analytical Comp.	3
MATH 302	Discrete Mathematics	3
	General Science	2
CS 301	Operating Systems	3
CS 332	Legal, Ethics and Privacy Issues or General Elective	3
<b>TOTAL CREDITS</b>		<b>17</b>

Spring Semester 4		
COURSE	TITLE	CREDITS
COMM 305	Specialized and Technical Writing or Technical or General Elective	3
CS 201	Computer Organization and Architecture	3
CS 307	Data Structures	3
CS 320	Networking and Communication	3
CS 298	Object-Oriented Programming - JAVA	3
	General Elective	3
<b>TOTAL CREDITS</b>		<b>18</b>

Summer II		
COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Cty Cultures	4
	Lab Science	4
	General elective	3
<b>TOTAL CREDITS</b>		<b>11</b>

Fall Semester 5 -		
COURSE	TITLE	CREDITS
IS 305	Database Management	3
CS 313	Advanced Programming	3
IS 341	Systems Analysis and Design (fulfills MLGN 200)	3
	General Elective	3
	General Elective	3
	Technical or General Elective	3
<b>TOTAL CREDITS</b>		<b>18</b>

Spring Semester 6 -		
COURSE	TITLE	CREDITS
Bibl 471	Christ and Culture	3
COMM 305	Specialized and Technical Writing or Technical or General Elective	3
	Technical or General Elective	3
CS 350	Analysis of Algorithms	3
CS 450	Computer Science Design Capstone	3
	Technical or General Elective	3
<b>TOTAL CREDITS</b>		<b>18</b>
<b>MINIMUM 128 NEEDED FOR GRAD</b>		<b>128</b>