

# BS in Computer Science

Milligan University

Catalog Year  
2022-2023

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 University 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
COMM 102 or MATH 211	Speech Communications Calculus I	3
CS 211	Programming Logic	3
HUMN 101	Ancient & Medieval Cultures	4
IS 201	Hardware/Software Fundamentals	3
MLGN 100	Intro to College & Service	0.5
	<b>TOTAL CREDITS</b>	<b>16.5</b>

SPRING SEMESTER 1		
COURSE	TITLE	CREDITS
BIBL 124	New Testament Survey	3
COMP 111	Rhetorical Composition	3
CS 230	Information Assurance/Security	3
EXSC 101	Fitness for Life	1
HUMN 102	Renaissance & Early Modern	4
IS 297	Object Oriented Programming	3
	<b>TOTAL CREDITS</b>	<b>17</b>

FALL SEMESTER 2		
COURSE	TITLE	CREDITS
COMP 211	Found. Analytical Composition	3
CS 297	Object Oriented Programming	3
HUMN 201	18th & 19th Century Culture	4
MATH 302	Discrete Mathematics	3
MLGN 200	Intro to Calling & Career	0.5
CS 301	Operating Systems	3
	<b>TOTAL CREDITS</b>	<b>16.5</b>

SPRING SEMESTER 2		
COURSE	TITLE	CREDITS
CS 201	Computer Organization and Architecture	3
	Ethnic Studies course	3
CS 307	Data Structures	3
HUMN 202	Cultures of the 20th & 21st Centuries	4
COMM 305 or	Specialized and Technical Writing	3
	General Elective or Minor course	
	<b>TOTAL CREDITS</b>	<b>16</b>

FALL SEMESTER 3		
COURSE	TITLE	CREDITS
CS 313	Advanced Programming	3
IS 305	Database Management	3
	Lab Science	4
IS 332 or	Ethical, Legal and Privacy Issues	3
	Technical or General Elective	
	Technical or General Elective	3
	<b>TOTAL CREDITS</b>	<b>16</b>

SPRING SEMESTER 3		
COURSE	TITLE	CREDITS
CS 320	Networking and Communications	3
CS 350	Analysis of Algorithms	3
COMM 305	Specialized and Technical Writing	3
	General Elective or Minor course	
IS 401	Project Management	3
MATH 213 or	Statistics	3
COMM 102	Speech Communications	
	<b>TOTAL CREDITS</b>	<b>15</b>

FALL SEMESTER 4		
COURSE	TITLE	CREDITS
IS 341	Systems Analysis and Design	3
IS 332 or	Ethical, Legal and Privacy Issues	3
	General Elective or Minor course	3
	General Science	2
	Technical or General Elective	2
	Technical or General Elective	3
	<b>TOTAL CREDITS</b>	<b>16</b>

SPRING SEMESTER 4		
COURSE	TITLE	CREDITS
BIBL 471	Christ and Culture	3
IS 450	Computer Science Design Capstone	3
	Social Learning Course	3
	Technical or General Elective	3
	Technical or General Elective	3
	<b>TOTAL CREDITS</b>	<b>15</b>
<b>MINIMUM 128 NEEDED FOR GRAD</b>		<b>128</b>