BS in Computer Science

Milligan College

Catalog Year
2019-2020

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.

FALL SEMESTER 1

COURSE	TITLE	CREDITS
BIBL 123	Old Testament Survey	3
HUMN 101	Ancient & Medieval Cultures	4
MLGN 100	Intro to College & Service	0.5
CS 211	Programming Logic	3
MATH 211	Calculus I	4
IS 201	Hardware/Software Fundamentals	3
	TOTAL CREDITS	**17.5**

SPRING SEMESTER 1

COURSE	TITLE	CREDITS
BIBL 124	New Testament Survey	3
HUMN 102	Renaissance & Early Modern	4
COMP 111	Rhetorical Composition	3
	General elective	3
CS 297 (CS elect)	Object Oriented Programming-JAVA	3
EXSC 101	Fitness for Life	1
	TOTAL CREDITS	**17**

FALL SEMESTER 2

COURSE	TITLE	CREDITS
HUMN 201	18th & 19th Cty. Culture	4
CS 201	Computer Organization/Architecture	3
CS 287	Data Structures	3
	General Science	3
COMP 211	Found. Analytical Comp.	3
	TOTAL CREDITS	**16**

SPRING SEMESTER 2

COURSE	TITLE	CREDITS
HUMN 202	Cultures of 20th & 21st Cty Cultures	4
IS 297	Opject Oriented Programming - C#	3
MATH 302	Discrete Mathematics[2] OR	3
	Computer Science elective[1]	
	General Elective	3
MLGN 200	Intro to Calling & Career	0.5
COMM 102	Speech Communications	3
	TOTAL CREDITS	16.5

FALL SEMESTER 3

COURSE	TITLE	CREDITS
	General elective	3
	General elective	3
	Ethnic studies GER	3
CS	Computer Science elective[1] OR	3
	Social Learning Course GER	
COMM 102	Speech Communications	3
	TOTAL CREDITS	**15**

SPRING SEMESTER 3

COURSE	TITLE	CREDITS
MATH 302	Discrete Mathematics[2] OR	3
	Computer Science elective[1]	
IS 420	Networking and Communications	3
CS 340	Distributed Sys/Architecture[2] OR	3
CS 350	Analysis of Algorithms[1]	
CS 430	Information Security[1] OR	3
CS 301	Operating Systems[2]	
	Lab Science	4
	TOTAL CREDITS	16

FALL SEMESTER 4

COURSE	TITLE	CREDITS
BIBL 471	Christ & Culture	3
CS/IS	Computer Science elective[1] OR	3
	Social Learning Course GER	
	General elective	3
	General elective	3
	General elective	3
	TOTAL CREDITS	15

SPRING SEMESTER 4

COURSE	TITLE	CREDITS
CS 340	Distributed Systems & Architecture[2] OR	3
CS 350	Analysis of Algorithms[1]	
CS 450	Computer Science Design Capstone	3
IS 430	Information Security[1] OR	3
CS 301	Operating Systems[2]	
	General elective	3
	General elective	3
	TOTAL CREDITS	15
	MINIMUM 128 NEEDED FOR GRAD	**128**

GER = General Education Requirements

[1] Offered odd years

[2] Offered even years