

B.S. Computer Science
Catalog Year: 2019-2020***
 Department of Computer Science
 University of West Florida

Freshman Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
MAC1105	College Algebra	3	MAC1147	Precalc/Trig	4
FL CC	Humanities (w/GR)	3	COP2XXX	Intro to Programming	3
ENC1101	English Comp I	3	ENC1102	English Comp II	3
FL CC	Social Sciences	3		Elective	3
	Additional Science	3			
		15			13

Summer: Additional Natural Science 3

Sophomore Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
MAC2311	Calculus I	4	MAC2312	Calculus II	4
COP4710	Database Systems	3	PHY2048/L	University Physics I	4
COP3014	Algorithm & Prog Des	3	COP3530	Data Structs & Alg I	3
COP 3022	Intermediate Prog	3	COT3100	Discrete Structures	3
	Elective	1			
		14			14

Summer: PHY2049/L University Physics 2 4

Junior Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
CEN 3031	Software Eng I	3	COP4534	Data Struct. & Alg. II	3
STA4321	Intro to Math Stat I	3		Math upper-level elective	3
CDA3101	Computer Org	3	Gen Ed Elect	Soc Sci or Hum (w/GR)	3
COT4420	Theory of Computation	3		Track Course 1	3
				lower-level elective	3
		12			15

Summer: Humanities 3

Senior Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
COP 4027	Advanced Prog	3	COP4020	Programming Lang	3
	Track Course 2	3	CIS4592	Capstone Project	3
COP4634	System & Networks I	3	COP4635	System & Networks II	3
Gen Ed Br	Social Science (w/Multi)	3		CS upper-level elective*	3
	CS upper-level elective*	3			
		15			12

***View the UWF Catalog for specific FL Common Core, UWF General Ed Requirement, Gordon Rule, and/or Multicultural requirements.

*Required CS electives must be approved by the academic advisor.

Total Credits: 120

Students entering with less than 60 sh must earn at least 9 sh during one or more summer sessions at a state university in Florida.

This document provides a sample curriculum only, according to the catalog year indicated.

Actual course offerings may vary according to department resources and student needs.