

B.S. Computer Science

Catalog Years: 2018

Department of Computer Science
University of West Florida

Freshman Year

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

Summer: Additional Natural Science 3

Sophomore Year

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

Summer: PHY2049/L University Physics 2 4

Junior Year

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

Summer: Gen Ed Br. Humanities 3

Senior Year

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

*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.