

Cybersecurity

Department of Computer Science

University of West Florida

Freshman Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<u>ENC1101</u>	<u>English Comp I</u>	<u>3</u>	<u>ENC1102</u>	<u>English Comp II</u>	<u>3</u>
<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>COPXXXX</u>	<u>Intro to Programming</u>	<u>3</u>
<u>Gen Ed Br</u>	<u>Social Science (w/Mult)</u>	<u>3</u>	<u>FL CC</u>	<u>Social Sciences</u>	<u>3</u>
<u>Gen Ed Br</u>	<u>Natural Science</u>	<u>3</u>			
		<u>15</u>			<u>13</u>
Summer: MAC2311 Calculus 1		<u>4</u>			

Sophomore Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<u>CIS2530</u>	<u>Intro CyberSec</u>	<u>3</u>	<u>COP3530</u>	<u>Data Structs & Alg I</u>	<u>3</u>
<u>MAC2312</u>	<u>Calculus II</u>	<u>4</u>	<u>Gen Ed Br</u>	<u>Humanities (w/GR)</u>	<u>3</u>
<u>COT3100</u>	<u>Discrete Structures</u>	<u>3</u>	<u>PHY2048/L</u>	<u>University Physics 1</u>	<u>4</u>
<u>COP3014</u>	<u>Algorithm & Prog Des</u>	<u>3</u>	<u>CDA3101</u>	<u>Computer Org</u>	<u>3</u>
	<u>Elective</u>	<u>2</u>			
		<u>15</u>			<u>13</u>
Summer: STA2023 Statistics		<u>3</u>			

Junior Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<u>COP4610</u>	<u>Theory & Fund OS</u>	<u>3</u>	<u>CNT4007</u>	<u>Theory & Fund Network</u>	<u>3</u>
<u>COP3022</u>	<u>Int Comp Programming</u>	<u>3</u>	<u>CEN4078</u>	<u>Secure Software Dev</u>	<u>3</u>
<u>COP4710</u>	<u>Database Systems</u>	<u>3</u>	<u>CTS4348</u>	<u>Linux System Admin</u>	<u>3</u>
	<u>CS upper-level elect**</u>	<u>3</u>	<u>CAP4136</u>	<u>Malware Analysis</u>	<u>3</u>
				<u>Elective</u>	<u>3</u>
		<u>12</u>			<u>15</u>
Summer: Elective		<u>3</u>			

Senior Year

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<u>CNT4403</u>	<u>Comp & Net Security</u>	<u>3</u>	<u>CIS4595C</u>	<u>Capstone Systems Proj</u>	<u>3</u>
<u>CIS4385</u>	<u>Ethical Hacking</u>	<u>3</u>	<u>CNT4416</u>	<u>Cyber War Gaming</u>	<u>3</u>
<u>CIS4368</u>	<u>Database Security</u>	<u>3</u>		<u>CS upper-level elect**</u>	<u>3</u>
	<u>CS upper-level elect**</u>	<u>3</u>		<u>CS upper-level elect**</u>	<u>3</u>
<u>Gen Ed Elect</u>	<u>Soc Sci or Humanities</u>	<u>3</u>			
		<u>15</u>			<u>12</u>

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

**Required major-related electives must be approved by the academic advisor

Total Credit 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.
