

**B.S. Cybersecurity**  
**Catalog Year: 2019-2020 \*\*\***

Department of Computer Science  
 University of West Florida

**Freshman Year**

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<b>ENC1101</b>	<b>English Comp I</b>	<b>3</b>	<b>ENC1102</b>	<b>English Comp II</b>	<b>3</b>
<b>MAC1105</b>	<b>College Algebra</b>	<b>3</b>	<b>MAC1147</b>	<b>Precalc/Trig</b>	<b>4</b>
<b>FL CC</b>	<b>Humanities (w/GR)</b>	<b>3</b>	<b>COPXXXX</b>	<b>Intro to Programming</b>	<b>3</b>
<b>Gen Ed Br</b>	<b>Social Science (w/Mult</b>	<b>3</b>	<b>FL CC</b>	<b>Social Sciences</b>	<b>3</b>
<b>Gen Ed Br</b>	<b>Natural Science</b>	<b>3</b>			
		<b>15</b>			<b>13</b>
<b>Summer: MAC2311 Calculus 1</b>		<b>4</b>			

**Sophomore Year**

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

**Junior Year**

Fall			Spring		
Course	Course Name	Credits	Course	Course Name	Credits
<b>COP4610</b>	<b>Theory &amp; Fund OS</b>	<b>3</b>	<b>CNT4007</b>	<b>Theory &amp; Fund Network</b>	<b>3</b>
<b>COP3022</b>	<b>Int Comp Programming</b>	<b>3</b>	<b>CEN4078</b>	<b>Secure Software Dev</b>	<b>3</b>
<b>COP4710</b>	<b>Database Systems</b>	<b>3</b>	<b>CTS4348</b>	<b>Linux System Admin</b>	<b>3</b>
<b>CEN 3031</b>	<b>Softw. Engineering I</b>	<b>3</b>	<b>CAP4136</b>	<b>Malware Analysis</b>	<b>3</b>
				<b>Elective</b>	<b>3</b>
		<b>12</b>			<b>15</b>
<b>Summer: Elective</b>		<b>3</b>			

**Senior Year**

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

\*\*\*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.**