

# CYBERSECURITY MAJOR, B.S.

Course	Title	Credits
<b>General Requirements</b>		
General Education ( <a href="http://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/">http://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/</a> )		
<b>Mathematics Requirements <sup>1</sup></b>		
MATH 1830	Elementary Statistics	3
MATH 2130	Discrete Structures	3
<b>Core Requirements <sup>2</sup></b>		
COMPUTER 1010	Introduction to Computer Science	1
COMPUTER 1430	Introduction to Computer Programming	3
COMPUTER 2430	Object-Oriented Programming	3
COMPUTER 3230	Operating Systems	3
COMPUTER 3630	Database Design and Implementation	3
COMPUTER 3830	Data Communications and Computer Networks	3
CYB 3840	Introduction to Cybersecurity	3
SOFTWARE 2730	Introduction to Software Engineering	3
SOFTWARE 3730	Software Quality	3
CYB 3850	Cryptography (Cryptography)	3
CYB 3910	Introduction to Network Security	3
CYB 3930	IT Security Management	3
CYB 3960	Software Security (Software Security)	3
CYB 4330	Cybersecurity Project I	3
CYB 4730	Cybersecurity Project II	3
<b>Elective Courses</b>		
<b>9</b>		

Select 9 credits in any discipline with at least 6 credits at the 3000 level or higher. If Cybersecurity, Computer Science or Software Engineering is selected, the selected courses cannot be the required ones. If Mathematics is chosen, MATH 2130 and MATH 1830 cannot be counted. If English is chosen, ENGLISH 1130 and ENGLISH 1230 cannot be counted.

<sup>1</sup> All students must have a C- or better in MATH 1830 and MATH 2130.

<sup>2</sup> Cybersecurity majors must have a grade of "C-" or better in all (Computer Science, Software Engineering, and Cybersecurity) required courses. Electives are excluded.

## CYBERSECURITY MAJOR, B.S. WITH CRIMINAL JUSTICE EMPHASIS

Course	Title	Credits
<b>Computer Science &amp; Cybersecurity Requirements <sup>1</sup></b>		
COMPUTER 1010	Introduction to Computer Science	1
COMPUTER 1430	Introduction to Computer Programming	3
COMPUTER 2430	Object-Oriented Programming	3
COMPUTER 3830	Data Communications and Computer Networks	3
CYB 3840	Introduction to Cybersecurity	3
CYB 3850	Cryptography	3
CYB 3910	Introduction to Network Security	3
CYB 3930	IT Security Management	3
CYB 3960	Software Security	3
CYB 4330	Cybersecurity Project I	3
CYB 4730	Cybersecurity Project II	3
<b>Mathematics Requirements <sup>2</sup></b>		
MATH 1830	Elementary Statistics	3
MATH 2130	Discrete Structures	3
<b>Criminal Justice &amp; Forensics Requirements <sup>3</sup></b>		
CRIMLJUS 1130	Introduction to Criminal Justice	3

CRIMLJUS 2130	Foundations of Policing	3
CRIMLJUS 2630	Private Security Operations	3
CRIMLJUS 2850	White Collar Crime	3
CRIMLJUS 2930	Foundations of Interviewing	3
CRIMLJUS 3130	Criminal Investigation	3
CRIMLJUS 4030	Criminal Law	3
FORENSIC 1320	Introduction to Crime Scene Investigation	3
FORENSIC 4020	Courtroom Testimony and Evidence	3
FORENSIC 4120	Cybercrime Investigations	3
<b>Total Credits</b>		<b>67</b>

<sup>1</sup> Students must have a C- or better in all SOFTWARE, COMPUTER, and CYBERSECURITY courses.

<sup>2</sup> Students must have a C- or better in MATH 1830 and MATH 2130.

<sup>3</sup> Students pursuing this emphasis may not pursue a major or minor in Criminal Justice.