Four-Year Degree Plan for Major in Cybersecurity

Note that this is a sample four-year plan. There are other course sequences that will allow a student to graduate within four years as long as prerequisite courses are taken in the proper sequence. This sample plan does not guarantee course availability, and adjustments to students' plans may be necessary if they are unable to take specific courses during specific semesters. Students who are placed into lower level AWR, MAT or other prerequisite courses will need to adjust their four-year plans accordingly. Similarly, students who bring in Advanced Placement, Dual Enrollment or transfer credit for courses will need to adjust their four-year plans. A minimum of a 2.0 GPA both overall and in the major is required for graduation. In addition to major requirements, all components of the Baccalaureate Experience must be completed in order must earn a minimum of 124 credit hours to qualify for the Bachelor of Science degree in Cybersecurity.

First Freshman Year Fall Semester

BAC 101	First-Year Seminar I	1
	or	
HON 101	Pathways to Honors 1	1
AWR 101	Writing and Inquiry	4
MAT 225	Calculus for Business	4
BUS 101	Introduction to Global Business	4
ECO 204	Principles of Microeconomics	4

Subtotal: 17

First Freshman Year Spring Semester

BAC 102	First-Year Seminar II	1
	or	
HON 102	Pathways to Honors 2	1
SPE 208	Speech for Business and the Professions	4
ACC 202	Financial Accounting Information	4
ECO 205	Principles of Macroeconomics	4
ITM 220	Management Information Systems	4

Subtotal: 17

Second Sophomore Year Fall Semester

AWR 201	Writing and Research	4
QMB 210	Business Statistics and Analytics	4
ITM 251	Application Development	4
	Social Science (Bacc. Exp)	4

Subtotal: 16

Second Sophomore Year Spring Semester

ACC 203	Managerial Accounting	4
ITM 280	Network and Cloud Infrastructure	4
	Natural Science (Bacc. Exp.)	3
	Humanities Fine Arts (Bacc Exp)	4

Subtotal: 15

Third Junior Year Fall Semester

MGT 330	Principles of Management	4
	Social Science (Bacc. Exp)	4
ITM 350	Information Security Principles	4
	Natural Science (Bacc. Exp.)	3

Subtotal: 15

Third Junior Year Spring Semester

MKT 300	Principles of Marketing	4
BUS 221	Business Law and Social Responsibility	4
ITM 380	Network Security	4
	Social Science (Bacc. Exp)	4

Subtotal: 16

Fourth Senior Year Fall Semester

ITM 480	Ethical Hacking	4
ITM 375	Information Security Standards, Risk Management and Compliance (W)	4
	Humanities Fine Arts (Bacc Exp)	4
FIN 310	Financial Management	4

Subtotal: 16

Fourth Senior Year Spring Semester

ITM 415	Physical and Operational Security	4
ITM 450	Cybersecurity Capstone	4
	General Elective	4
	General Elective	1

Subtotal: 13

- SPE 208 fulfills 4 credit hours of the Humanities/Fine Arts requirement.
- Natural Science course must be from different areas, one in biology and the other in chemical or physical science.
- Prerequisites are strictly enforced.
- Cybersecurity students without work experience in the information technology field are strongly encouraged to intern with local companies.