

4-Year Academic Plan: IS Cybersecurity

The following is a sample outline demonstrating 4-year completing of this bachelor's degree. Each student's reality will vary slightly, as this plan does not include transfer work, advanced placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student's ACT/SAT scores. PLEASE NOTE: The following plan assumes students are prepared to take the MATH course listed. If prerequisites are required, additional semesters may be required to complete the degree.

This is a **GUIDE ONLY**. Please meet with your academic advisor and consult DegreeWorks for specifics.

1st Year Fall 2020 (16 credits)					1st Year Spring 2021 (16 credits)				
CSIS	1000	Intro to Computer Apps and Int.	3	F/S/Su	MATH	1100	Applied Calculus	3	S/Su
CSIS	1010	E-Commerce and Global Society	3	F/S	CSIS	1300	Programming with Python	3	S
ENGL	1010	Intro to Academic Writing	3	F/S/Su	CS	1400	Fundamentals of Programming	3	F/S
MATH	1050	College Algebra	4	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
IS	2600	Data Comm. and Networking	3	F/S/Su	INFO	1010	Information Literacy	1	F/S/Su
					IS	2670	Fundamentals of Security	3	S
2nd Year Fall 2021 (16 credits)					2nd Year Spring 2022 (15 credits)				
MATH	1040	Statistics	4	F/S	IS	2000	Web Development	3	F/S
CS	1410	Object Oriented Programming	3	F/S/Su	EET	2750	PC Hardware	3	F/S/Su
CSIS	2010	Computer Applications	3	F	IS	3100	Systems Analysis and Design	3	S
IS	2900	Information Systems Proj. Mgmt	3	AN	CS	3200	Database Design and Mgmt.	3	F/S
IS	3050	Environments of Info Systems	3	F	GE	-	*American Institutions	3	F/S/Su
3rd Year Fall 2022 (15 credits)					3rd Year Spring 2023 (15 credits)				
IS	2610	System Administration I	3	F	COMM	2120	Team Work, Decision Making, Ldr.	3	S
IS	3650	Defensive Security	3	F	IS	3300	Practical Crypt. and Trusted Sys	3	AN
IS	3680	Offensive Security and Ethical Hack	3	AN	IS	3610	System Administration II	3	F/S
CSIS	3700	Intro to Digital Forensics	3	F	CSIS	4700	Advanced Digital Forensics	3	S
GE	-	*Fine Arts	3	-	CS	-	*Upper-Division CS Elect	3	-
4th Year Fall 2023 (12 Credits)					4th Year Spring 2024 (15 Credits)				
ACCT	2010	Accounting Principles	3	F/S/Su	IS	4810	IS Capstone Project	3	S
CS	-	*Upper-Division CS Elective	3	-	CS	-	*Upper-Division CS Elective	3	-
CS	-	*Upper-Division CS Elective	3	-	CS	-	*Upper-Division CS Elective	3	-
GE	-	*Life Science	3	-	GE	-	*Humanities	3	-
					GE	-	*Physical Science	3	-

Color Key:

General Education Courses (Green)

Major-required courses that also fulfill GE requirement (purple)

Major Courses (black)

Electives/minor/etc. (red)

Other Notes:

(*) indicates available options. See course catalog for details.