

## 4-Year Academic Plan: Information Systems - Cybersecurity Emphasis

The following is a sample outline demonstrating 4-year completion 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 degree.

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

1st Year Fall (16 credits)					1st Year Spring (16 credits)				
ENGL	1010	Intro to Academic Writing	3	F/S/Su	CS	1410	Object Oriented Programming	3	F/S
CSIS	1000	Intro to Comp. Apps & Internet	3	F/S/Su	IS	2600	Data Comm. & Networking	3	F/S
CSIS	1010	E-Commerce & Global Society	3	F/S/Su	EET	2750	PC Hardware	3	F/S/Su
CS	1400	Fundamentals of Programming	3	F/S	MATH	1100	Applied Calculus	3	S
XXXX	XXXX	Humanities GE	3	F/S/Su	ENGL	2010	Intermediate Writing	3	F/S/Su
EDGE	1010	Becoming an Engaged Learner	1	F/S/Su	LM	1010	Information Literacy	1	F/S/Su
2nd Year Fall (15 credits)					2nd Year Spring (15 credits)				
IS	2000	Web Development	3	F/S	IS	2670	Information Security & Assurance	3	S
CS	2420	Intro to Alg's & Data Structures	3	F	CS	2300	Discrete Structures	3	S
IS	2620	Network Administration I	3	F	IS	3620	Network Administration II	3	S-Even
ACCT	2010	Accounting Principles	3	F/S/Su	IS	XXXX	*IS Major Elective	3	S-Even
XXXX	XXXX	American Institutions GE	3	F/S/Su	XXXX	XXXX	Life Science GE	3	F/S/Su
3rd Year Fall (15 credits)					3rd Year Spring (13 credits)				
IS	3050	Environments of Info. Systems	3	F	IS	3100	Systems Analysis & Design	3	S
IS	3650	Network Security	3	F	CS	3600	Operating Systems	3	S
CSIS	3700	Computer Forensics	3	F-Even	CSIS	4700	Internet Forensics & Cyber Security	3	S-Odd
MGMT	3180	Management & Organizations	3	F/S/Su	IS	XXXX	*IS Major Elective	3	S-Odd
XXXX	XXXX	Physical Science GE	3	F/S/Su	EDGE	30xx	*Project Proposal & Planning	1	F/S/Su
4th Year Fall (15 credits)					4th Year Spring (16 credits)				
MKTG	3010	Marketing Principles	3	F/S	IS	4810	IS Capstone Project	3	S
CS	3200	Database Design & Mgmt.	3	F	IS	3750	Security Scripting	3	S
IS	XXXX	*IS Major Elective	3	F-Odd	IS	XXXX	*IS Major Elective	3	F-Odd
IS	XXXX	*IS Major Elective	3	F-Odd	EDGE	40xx	*Project Reporting & Reflection	1	F/S/Su
XXXX	XXXX	Free Elective	3	F/S/Su	XXXX	XXXX	Fine Arts GE	3	F/S/Su
					XXXX	XXXX	Free Elective	3	F/S/Su

### Color Key:

General Education Courses (green)

EDGE Program Courses (orange)

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.