

**Comprehensive Information Technology Major
Bachelor of Science
Cybersecurity Option**

Fall 2022: 7/5/2022

	Cr Hrs	Cr Rec	Cr Bal	Prerequisites / Periodicity
General Education Requirements	45-49			
College of Business Core Requirements	36-48			
Requirements for Information Technology Major				
ITC 235 - Computer Hardware and Operating Systems	3			
ITC 260 - Introduction to Java Programming	3			
ITC 295 - Database Management Systems Concepts and	3			
ITC 388 - Information Systems Analysis and Design	3			ITC 235 or ITC 260 or ITC 295 or concurrent enrollment ¹
Option : Cybersecurity				
ITC 330 - Introduction to Networking	3			ITC 235 ¹
ITC 430 - Advanced Networking	3			ITC 330/ demand ¹
Select 12 hours from the following:				
ITC 560 - Fundamentals of Cybersecurity	3			ITC 330/ Demand ¹
ITC 563 - Introduction to Network Security	3			ITC 560 or concurrent enrollment/Demand ¹
ITC 564 - Introduction to Ethical Hacking	3			ITC 560 or concurrent enrollment/Demand ¹
ITC 565 - Computer Forensics	3			ITC 560 or concurrent enrollment/Demand ¹
ITC 566 - Web Application Security	3			ITC 560 or concurrent enrollmentDemand ¹
ITC 494 - Internship in Information Technology and Cybersecurity	1-3			Permission ¹

¹Undergraduate business and undecided majors must be admitted to degree program.

Note: A minimum of 12 credit hours not counted as requirements on any other major or minor, and exclusive of problems or readings is required for any COB major.

Cr Rec - Credit hours received for courses completed.

Cr Bal - Credit balance needed to fulfill requirements.

Electives, as needed to bring total credit hours to a minimum of 120 and upper division hours (300+) to 40.

For advisement only. Consult appropriate catalog for degree requirements.