Bachelor of Science

Cybersecurity with a Major in Cyber Risk Management (BS)

Web Site: https://www.odu.edu/cyber (https://www.odu.edu/cyber/)

Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
Freshman		
Fall		
ENGL 110C	English Composition (Grade of C or better required)	3
MATH 162M	Precalculus I	3
Oral Communication		3
Information Literacy and Research		3
Human Behavior (CRJS 215S or DASC 205S/SOC 205S required)		3
	Credit Hours	**15**
Spring		
CYSE 200T or IT 200T	Cybersecurity, Technology, and Society (meets Impact of Technology) or Cybersecurity, Technology, and Society	3
IT 201	Introduction to Information Systems	3
Interpreting the Past (http://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#interpret)		3
Human Creativity (http://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#creativity)		3
Literature (http://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#literature)		3
	Credit Hours	**15**
Sophomore		
Fall		
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research or Writing, Rhetoric, and Research: Special Topics	3
Philosophy and Ethics (http://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#philosophy)		3
Nature of Science I		4
CYSE 201S	Cybersecurity and the Social Sciences	3
CYSE 250	Basic Cybersecurity Programming and Networking	3
	Credit Hours	**16**
Spring		
Nature of Science II		4
CYSE 300	Introduction to Cybersecurity	3

Program prerequisites or electives		7
	Credit Hours	**14**
Junior		
Fall		
CYPD 430 or CYPD 431 or CYPD 432 or CYPD 433	Cybersecurity Compliance Methodologies I or Cybersecurity Compliance Methodologies Lab I or Cybersecurity Compliance Methodologies II or Cybersecurity Compliance Methodologies Lab II	3
IT 315	Introduction to Networking and Security	3
Program prerequisites or electives		9
	Credit Hours	**15**
Spring		
CYSE 425W or POLS 425W	Cybersecurity Strategy and Policy (C or better required) or Cybersecurity Strategy and Policy	3
CYSE 301	Cybersecurity Techniques and Operations	3
CYPD 430 or CYPD 431 or CYPD 432 or CYPD 433	Cybersecurity Compliance Methodologies I or Cybersecurity Compliance Methodologies Lab I or Cybersecurity Compliance Methodologies II or Cybersecurity Compliance Methodologies Lab II	3
Program prerequisites or electives		6
	Credit Hours	**15**
Senior		
Fall		
CYSE 368 or CYSE 494	Cybersecurity Internship or Entrepreneurship in Cybersecurity	3
CYPD 430 or CYPD 431 or CYPD 432 or CYPD 433	Cybersecurity Compliance Methodologies I or Cybersecurity Compliance Methodologies Lab I or Cybersecurity Compliance Methodologies II or Cybersecurity Compliance Methodologies Lab II	3
RMI 317 or RMI 412 or IT 417 or IT 418	Principles of Risk Management and Insurance or Property & Liability Insurance Company Operations or Management of Information Security or Enterprise Information Assurance	3
IDS 300W	Interdisciplinary Theory and Concepts	3
Elective		3
	Credit Hours	**15**

Spring

IDS 493	IDS Electronic Portfolio Project	3
RMI 317 or RMI 412 or IT 417 or IT 418	Principles of Risk Management and Insurance or Property & Liability Insurance Company Operations or Management of Information Security or Enterprise Information Assurance	3
CYSE 406 or CRJS 406 or CPD 406	Cyber Law or Cyber Law or Cyber Law	3
CS 462	Cybersecurity Fundamentals	3
Elective		3
	Credit Hours	**15**
	Total Credit Hours	**120**

Language and Culture I & II may be met in high school and are not included in this four-year plan. Please see requirement details.