

CYBERSECURITY MINOR

COMPUTER SCIENCE AND CYBERSECURITY DEPARTMENT

CYBERSECURITY MINOR CHECKLIST 2018 - 2019

This checklist aids in placement of students into their minor coursework and documents the department evaluation of transferred credit and course waivers, based on coursework listed on the Degree Audit Report (DARs). A student must complete General Education and Liberal Studies along with other graduation requirements for graduation – refer to your DARs.

Official admission to this minor program and review of prior course credentials is done directly through the Computer Science and Cybersecurity (CSC) Department. Contact information is noted at the bottom of this checklist.

Student Name	Metro State ID #	Date

PREREQUISITES

The Cybersecurity Minor is primarily intended for students majoring in Computer Science (CS), Computer Information Technology (CIT), Computer Application Development (CApp), or Computer Forensics (CFS) to secure challenging jobs in the field of cybersecurity.

Prerequisite: At least 30 college credits with an average GPA 2.5 or better. In addition, student must successfully complete the necessary course prerequisites or equivalents for all coursework in the minor.

CORE REQUIREMENTS: 16 CREDITS

Once admitted into major the following courses are required for this minor.

Course #	Title	Transfer Equivalent Details	Upper Division	Grade	Credits	✓
ICS 382	Computer Security					
ICS 383 or ICS 460	Networking Protocols and Analysis, OR, Networks and Security					
ICS 482	Vulnerability Assessment and Penetration Testing					
ICS 484	Cyber Operations					

ELECTIVE REQUIREMENTS: 8 CREDITS

Program courses taken to fulfill major requirements may also be used to fulfill requirements for the cybersecurity minor. ICS 490 only counts as an elective with the permission of the cybersecurity coordinator or ICS department chair. ICS 485 Malware Reverse Engineering is also an elective course under development.

Course #	Title	Transfer Equivalent Details	Upper Division	Grade	Credits	✓
CFS 380	Digital Evidence Analysis					
CFS 484	Computer Laws					
CFS 485	Mobile Device Security and Forensics					
ICS 325	Internet Application Development					
ICS 483	Cryptography for Cybersecurity Practitioners					
ICS 490	Special Topics in Information and Computer Sciences					
MIS 412	Administration of the MIS Function					
MIS 450	MIS Auditing and Security Controls					

ADDITIONAL NOTES, CREDIT TOTALS OR COMMENTS:

Academic advisor notes:

MAJOR AND MINOR REQUIREMENTS

Students are allowed to have up to 8 credits overlapped with their current or previously completed major or minors. Work with your academic advisor to assure both major and minor requirements are met when planning out your course load every semester towards graduation.

Minor Requirements Checklist	In Progress	Completed
24 credits minor requirement		
10 credits Metro State residency		
8 credit maximum overlap major or minor		

CONTACT US

For specific questions about this minor program or equivalencies of prior coursework at other institutions, contact the Computer Science and Cybersecurity Department at:

Email: CSC@metrostate.edu

Tel: 651.793.1471

Web: www.metrostate.edu/csc-department



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