

CYBERSECURITY MINOR

COMPUTER SCIENCE AND CYBERSECURITY DEPARTMENT

MINOR CHECKLIST FALL 2020 - SUMMER 2021

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.

To be eligible for acceptance to the minor, students must submit a College of Sciences Undergraduate Program Declaration Form when the following is completed: 30 college credits with a GPA of 2.5 or better.

CORE REQUIREMENTS: 16 CREDITS

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

Cybersecurity courses are identical with their cross-listed ICS courses. The following pairs of courses are the same: CYBR 332 = ICS 382; CYBR 412 = ICS 482; CYBR 442 = ICS 484; CYBR 362 = ICS 383.

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CYBR 332	Computer Security					
CYBR 362 or ICS 460	Networking Protocols and Analysis, OR, Networks and Security					
CYBR 412	Vulnerability Assessment and Penetration Testing					

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CYBR 442	Cyber Operations					

ELECTIVE REQUIREMENTS: 8 CREDITS

Select from the follow course list to fulfill this elective category. The contents of ICS 490 Special Topics in Computer Science and Cybersecurity vary from semester to semester, and may be taken more than once for elective credit with the permission of the cybersecurity coordinator or CSC department chair, as long as it is related to Cybersecurity. Cybersecurity courses are identical with their cross-listed ICS courses. The following pairs of courses are the same: CYBR 445 = ICS 487; CYBR 432 = ICS 483; CYBR 482 = ICS 486

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CFS 380	Digital Evidence Analysis					
CFS 484	Computer Laws					
CFS 485	Mobile Device Security and Forensics					
CYBR 432	Cryptography for Cybersecurity Practitioners					
CYBR 445	Cyber Incident Response and Handling					
CYBR 482	Malware Analysis					
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	Remaining	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



College of Sciences

METROPOLITAN STATE UNIVERSITY

College of Sciences

700 East Seventh Street

Saint Paul, MN 55106-5000

Tel: 651-793-1606

Email: COS@metrostate.edu

Web: www.metrostate.edu/COS



MINNESOTA STATE

A MEMBER OF MINNESOTA STATE

This information is available in alternative formats upon request by contacting the Center for Accessibility Resources, accessibility.resources@metrostate.edu or 651-793-1549. Information is subject to change without notice.

An equal opportunity educator and employer.