

# CYBERSECURITY CERTIFICATE

## COMPUTER SCIENCE AND CYBERSECURITY DEPARTMENT

### POST-BACCALAUREATE UCERT CHECKLIST FALL 2020 - SUMMER 2021

*This checklist aids in placement of students into their certificate 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 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

### CORE REQUIREMENTS: 16 CREDITS

*To be eligible for acceptance to the Cybersecurity Post-baccalaureate certificate, students must submit a College of Sciences Undergraduate Program Declaration Form when the following is completed: bachelor's degree earned from a regionally accredited college/university with a GPA of 2.5 or better.*

*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					
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:
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#### OVERLAP REQUIREMENTS

*Students are allowed to have up to 8 credits overlapped with their current or previously completed majors or minors. If students have more than 8 credits overlapped, they are required to take additional coordinator-approved courses to cover the difference.*

Certificate Requirements Checklist	Remaining	In Progress	Completed
24 credits UCERT 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](mailto:CSC@metrostate.edu)

Tel: 651.793.1471

Web: [www.metrostate.edu/csc-department](http://www.metrostate.edu/csc-department)



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

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