Metropolitan State University
College of Sciences

COMPUTER FORENSICS (BAS) MAJOR

COMPUTER SCIENCE AND CYBERSECURITY DEPARTMENT

MAJOR CHECKLIST FALL 2020 – SUMMER 2021

This checklist aids in placement of students into their major 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 (GELS) along with other graduation requirements for graduation – refer to your DARs.

Official admission to this major 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

PRE-MAJOR FOUNDATION: 26-27 CREDITS

In order to declare a Computer Forensics major, students are required to complete the following pre-major foundation courses listed with a grade of C- or better:

- *Minimum cumulative GPA of 2.5 for CFS 262, CFS 264 and CFS 280 or transfer equivalents*
- *Successful completion of General Education Goal I Writing requirement*
- *Complete pre-major foundation courses with a grade of C- or better*

Students who do not meet the requirements above or are on academic probation will not be accepted to the major. Students not accepted to the major will not be allowed to take advanced courses in the discipline.

Course #	Title	Transfer Equivalent Details	Credits	Grade	✓
STAT 201 or MATH 208 or MATH 210 or MATH 215	Statistics Applied Calculus Calculus I Discrete Mathematics				
CFS 160 or ICS 140	Computer Forensics Fundamentals or Computational Thinking with Programming				
CFS 262	Computer and Operating Systems I				
CFS 264	Computer and Operating Systems II				

Course #	Title	Transfer Equivalent Details	Credits	Grade	✓
CFS 280	Introduction to Computer Forensics				
CJS 101	Introduction to Criminal Justice				
CJS 210 or LAWE 220	Constitutional Law, OR, Legal Studies in Law Enforcement				

WRITING COURSE REQUIREMENT

☐ *Check box if General Education Goal I Writing requirement has been successfully completed. Reference DARs to determine which courses fulfill this requirement.*

☐ *Pending completion of _____.*

GPA Calculation: A = 4.00, A- = 3.67, B+ = 3.33, B = 3.00, B- = 2.67, C+ = 2.33, C = 2.00, C- = 1.67, D = 1.00, F = 0

CORE REQUIREMENTS: 24 CREDITS

Once admitted into major the following courses are required.

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CFS 380	Digital Evidence Analysis					
CYBR 332	Computer Security					
CFS 484	Computer Laws					
CFS 499	Computer Forensics Internship/Capstone					

CORE OPTION 8-CREDITS: SELECT TWO COURSES FROM THE FOLLOWING LIST

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CFS 345	Electronic Discovery I					
CFS 445	Electronic Discovery II					
CFS 485	Mobile Device Security and Forensics					
CYBR 412	Vulnerability Assessment and Penetration Testing					
CYBR 432	Cryptography for Cybersecurity Practitioners					

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓
CYBR 442	Cyber Operations					
CYBR 482	Malware Analysis					
CYBR 445	Cyber Incident Response and Handling					

ELECTIVE (10-CREDITS) COURSE REQUIREMENT OR MINOR

Students are required to complete either: (1) at least 10 credits of major electives in catalog course listing *or other upper-division CFS or ICS courses not part of the core requirements; Or, (2) an approved minor (an approved "minor" can be a second major).*

Approved minor/major: _____, OR, Elective course options selection.

Course #	Title	Transfer Equivalent Details	Upper Division	Credits	Grade	✓

ADDITIONAL NOTES, CREDIT TOTALS OR COMMENTS:

Academic advisor notes:

GRADUATION REQUIREMENTS

Below is a summary of residency and graduation requirements for this major and used as an advising tool as you work towards completion. Students are advised to reference their DARs for official graduation requirements.

Major Requirements Checklist	Remaining	In Progress	Completed
☐ 50 Major credits with minor option			

Major Requirements Checklist	Remaining	In Progress	Completed
☐ 60 Major credits with elective option			
16 Metro State Major Credits			
24 Upper Division Major (300 or higher)			

University Requirements Checklist	Remaining	In Progress	Completed
120 Total Credits (minimum), and GPA of 2.0 or better			
30 Metro State Credits			
40 Upper Division (300 or higher)			
48 credits GELS +RIGR (See DARs)			

CONTACT US

For specific questions about this major program or equivalencies of prior coursework at other institutions, contact department chair of 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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