

CYBERSECURITY, ACCELERATED GRADUATE DEGREE

Cybersecurity, Accelerated Graduate Degree

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Undergraduates accepted to an Accelerated Graduate Degree (AGD) program can begin taking graduate level classes while still in their undergraduate program. These graduate credits can be used for both the undergraduate and graduate level coursework and will help facilitate an easy and fast transition into a graduate program if a student is accepted. To be accepted into the AGD, please see your advisor to see if you qualify for one of these positions.

Undergraduates accepted into an AGD program can begin taking graduate coursework during their junior or senior year. Programs offering an AGD option may allow up to 12 hours of graduate level coursework to also count towards an undergraduate degree.

Graduate coursework/credit will appear only on the graduate transcript, and graduate course grades will be calculated towards the graduate GPA.

The B.S. in Computer Science (BSCS) curriculum requires 120 credit hours for graduation and the M.S. in Cybersecurity (MSCY) degree requires 30 credit hours. Students enrolled in the AMD program can substitute up to a maximum of 12 credits of their BSCS courses to 12 graduate credits of MSCY program to receive both BSCS and MSCY degrees in 5 years by completing a total of 138 credits.

The BSCS curriculum requires 6 credits of computer science major electives and 8 credits of free electives (see BSCS Study Plan). During their senior year, AMD students will take four CS graduate courses (one in fall semester and three in spring semester) at the 500 or 600 level for graduate degree credit (see MSCY plan of study) in lieu of major or free electives.

Eligibility Requirements for Accelerated Master's Degree Program

- completed at least 80 hours toward the bachelor's degree;
- at least a 3.30 overall undergraduate GPA;
- at least a 3.30 GPA in the major.

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Semester Plan

Fourth Year

| Fall | | Credit Hours |
|---------------------|-------------------------------|--------------|
| CS 360 | Automata and Formal Languages | 3 |
| CYBR 510 | Intro to Cybersecurity | 3 |
| | Science w/Lab 3 | 4 |
| | Writing Intensive | 3 |
| Credit Hours | | 13 |

Spring

| | | |
|---------------------|---------------------------------|-----------|
| CS 490 | Senior Project | 3 |
| CYBR 620 | Cyberwarfare | 3 |
| | Graduate Course (Free Elective) | 3 |
| | Graduate Course (Concentration) | 3 |
| | Free Elective | 2 |
| Credit Hours | | 14 |

Fifth Year

Fall

| | | |
|---------------------|--|----------|
| CYBR 530 | Cybersec Policies & Mgmt | 3 |
| CYBR 615 | Cyber Vulnerability Assess | 3 |
| CYBR 680 | Research in Cybersecurity (or Core Elective) | 3 |
| Credit Hours | | 9 |

Spring

| | | |
|---------------------------|---------------------------------|-----------|
| | Graduate Course (Concentration) | 3 |
| | Graduate Course (Free Elective) | 3 |
| CYBR 681 | Thesis (or Core Elective) | 3 |
| Credit Hours | | 9 |
| Total Credit Hours | | 45 |