

# Cybersecurity Management Graduate Certificate

## Program Requirements

Catalog Department Overview # (<https://catalog.uaf.edu/academic-departments/homeland-security-emergency-management/>)

## Minimum Requirements for Cybersecurity Management Graduate Certificate: 12 credits

Credits

### General University Requirements

Complete the general university requirements. (<https://catalog.uaf.edu/graduate-certificates/#gurgraduatecertificatetext>)

### Graduate Certificate Requirements

Complete the graduate certificate requirements. (<https://catalog.uaf.edu/graduate-certificates/>)

### Cybersecurity Program Requirements

Complete the following:

HSEM F641	Information Assurance and Risk Assessment	3
HSEM F648	Perspectives in Addressing Cybersecurity & Critical Infrastructure	3
HSEM F649	Cyber Threats and Vulnerabilities	3
Complete one of the following:		3

HSEM F415	Cybersecurity in the 21st Century: Technology and Ethics
HSEM F416	Cybersecurity Management
HSEM F417	Cybersecurity Resiliency
HSEM F418	Cybercrime, Fraud and Law

**Total Credits** 12

## Admission Requirements

Complete the following admission requirements:

- Students must have a completed baccalaureate degree.
- Students must possess either prior education specific to IT, networking or cybersecurity-related work experience or a combination of both with the approval and review of the program director to enter the cybersecurity management or associated concentration within the MSDM.
- If the degree is in a non-security or non-cybersecurity-related field and the student has a 3.0 or higher cumulative GPA, students will be required to start with one 400-level course, that is an elective option for the degree.
- Students who have already obtained a graduate degree will not be required to complete an entrance exam or complete a 400-level course first.
- Students with a baccalaureate degree with a cumulative GPA of 3.0 or higher in a related field will not have any additional testing or entry course requirements.

- Students with a cumulative GPA between 3.0 and 2.75, regardless of the field of study, will be required to complete the Watson Glaser Critical Thinking Exam.
- Students with a cumulative GPA below 2.75, will be required to submit results from either the GRE or GMAT.

## Roadmaps

Catalog Department Overview # (<https://catalog.uaf.edu/academic-departments/homeland-security-emergency-management/>)

Roadmaps provide suggested semester-by-semester study plans for programs and are based on full-time enrollment, unless otherwise specified.

- This roadmap should be used in conjunction with regular academic advising sessions. All students are encouraged to meet with their advisor or mentor each semester.
- Certain courses and milestones must be completed in the specified semester to ensure on-time graduation.
- Transfer credits may affect the roadmap.
- Requirements, course availability, and sequencing may change.
- Courses marked with (\*) are recommended.

### First Year

Fall	Credits Spring	Credits Summer	Credits
HSEM F649 <sup>20</sup>	3 HSEM F415, F416, F417, or F418 <sup>20</sup>	3 HSEM F641 <sup>20</sup>	3
	HSEM F648 <sup>2</sup>	3	
	<b>3</b>	<b>6</b>	<b>3</b>

**Total Credits 12**

### Footnote Definitions

General Education Requirements	Degree Requirements	Program & Other Requirements
1—Communication	8—Alaska Native-themed	20—Program Requirement
2—Arts	9—Communication	21—Capstone Requirement
3—Humanities	10—Computation	22—Concentration Course
4—Social Sciences	11—Ethics	23—General Elective
5—Additional Arts, Humanities or Social Sciences	12—Humanities	24—Minor Course
6—Mathematics	13—Human Relations	25—Upper Division
7—Natural Sciences	14—Humanities or Social Sciences	26—Program Elective
	15—Library & Information Research	
	16—Mathematics	
	17—Natural Sciences	
	18—Other	
	19—Social Sciences	