

University of Alaska, Fairbanks, Fairbanks - Graduate Certificate in Cyber Security Management

Graduate certificate in cyber security provide both aspiring and existing homeland security and emergency management practitioners the specialized education needed to lead and manage in the highly complex homeland security enterprise.

This certificate requires an extended level of synthesis and integration of the critical thinking and analysis skills required for managers and leaders in the homeland security and emergency management enterprise. The certificate builds upon the experience and education of those within this highly interdisciplinary enterprise, providing a relevant, highly specialized graduate level education.

Total credits:12

Additional Information: <https://catalog.uaf.edu/graduate/graduate-degree-programs/cybersecurity-management/graduate-certificate/#programrequirementstext>

Required Courses

HSEM F641: Information Assurance and Risk Assessment - 3 credit(s)

HSEM F642: Cyber Threats and Vulnerabilities - 3 credit(s)

HSEM F643: Perspectives in Addressing Cybersecurity & Critical Infrastructure - 3 credit(s)

Choose 1 of the Following

HSEM F415: Cybersecurity in the 21st Century: Technology and Ethics - 3 credit(s)

HSEM F416: Cybersecurity Management - 3 credit(s)

HSEM F417: Cybersecurity Resiliency - 3 credit(s)

HSEM F418: Cybercrime, Fraud and Law - 3 credit(s)

University of Alaska, Fairbanks is a member of the Northwest Association of Schools and Colleges, Commission on Colleges and Universities. The School of Management holds an additional separate accreditation from the Association to Advance Collegiate Schools of Business (AACSB).

Core Capabilities

Community Resilience
Cybersecurity
Infrastructure Systems
Long-term Vulnerability Reduction
Natural and Cultural Resources
Operational Coordination
Planning
Risk and Disaster Resilience Assessment
Situational Assessment
Supply Chain Integrity and Security
Threats and Hazards Identification

Core Competencies

Abide by Professional Ethics
Community Engagement
Disaster Risk Management
Geographic Literacy
Leadership
Operate within the EM Framework, Principles, and Body of Knowledge
Possess Critical Thinking
Sociocultural Literacy
Systems Literacy
Technological Literacy

For More Information:

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Updated: 4/3/2020

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