

## **State University of New York, Albany - University of Albany, Albany - Minor in Emergency Preparedness, Homeland Security and Cybersecurity**

If you like the idea of chasing cyber criminals, thwarting international terrorists, and preventing economic catastrophe when flood waters rise, then a bachelor's in emergency preparedness, homeland security, and cybersecurity may be a good choice for you.

Play an active role in command center simulations and emergency response drills, and gain hands-on experience working with private companies, nonprofit organizations, and government agencies.

This program prepares you for positions in agencies such as the U.S. Customs and Border Protection, the U.S. Secret Service, the Domestic Nuclear Detection Office, and the Federal Emergency Management Agency (FEMA).

The major in Emergency Preparedness, Homeland Security and Cybersecurity is designed to provide students with broad overview of these three critical fields. Students in the major develop critical thinking skills and subject area knowledge of public policy, management and risk analysis. The major program provides a solid liberal arts education that emphasizes critical thinking, oral and written communication, creativity and innovation, problem solving skills, cultural literacy, and interpersonal and teamwork skills. In addition, the major also emphasizes leadership, public administration, management, risk analysis, ethics, policy making, planning, strategic communication, and systemic thinking. One of the unique and central elements of this major is the focus on experiential learning via a 100 hour non-credit training requirement and 9 credits of Experiential Learning courses embedded within the major for students to choose from.

The major in Emergency Preparedness, Homeland Security & Cybersecurity offers a Bachelor of Arts for students concentrating in Emergency Preparedness or Homeland Security and a Bachelor of Science in students concentrating in Cybersecurity.

Additional Information: <https://www.albany.edu/cehc/programs/babs-emergency-preparedness-homeland-security-and-cybersecurity#programofstudy>  
<https://www.youtube.com/playlist?list=PLQ4bZYLmtvacZg3bFw3xdGdPrpVYWckdQ>

### **Core Requirements**

CEHC 101: Introduction to Emergency Preparedness, Homeland Security & Cybersecurity - 3 credit(s)

CEHC 210: Critical Inquiry and Communication in Emergency Preparedness, Homeland Security & Cybersecurity - 3 credit(s)

CEHC 242: Cybersecurity - 3 credit(s)

CEHC 343: Homeland Security - 3 credit(s)

CEHC 344: Emergency Preparedness - 3 credit(s)

CEHC 345: Leadership and Ethics in Emergency Preparedness, Homeland Security & Cybersecurity - 3 credit(s)

OR CINF 124x: Cybersecurity - 3 credit(s)

### **Experiential Learning Requirements**

CEHC 310: Research Seminar (required) - 3 credit(s)

CEHC 340: Semester in Washington - 3 credit(s)

CEHC 341: Semester in Washington - 3 credit(s)

CEHC 342: Semester in Washington - 3 credit(s)

CEHC 350: The Threat Within - 3 credit(s)

CEHC 390: Internship Experience - 3 credit(s)

CEHC 391: Research Internship - 3 credit(s)

CEHC 393: Simulation - 3 credit(s)

CEHC 394: Exercise Design and Implementation - 3 credit(s)

CEHC 398: Field Experience in Emergency Preparedness, Homeland Security & Cybersecurity - 3 credit(s)

CEHC 410: Capstone - 3 credit(s)

CEHC/CIN 398: Service Learning - 3 credit(s)

CEHC/CIN 495: Special Topics - 3 credit(s)

CINF: Independent Research - 3 credit(s)

EEPL 487: Peer Education (EEPL 487/EEPL 456/EEPL 457) - 3 credit(s)

**Specified Concentration (Emergency Preparedness, Homeland Security & Cybersecurity)**

**Non-Credit Bearing Training**

State University of New York, Albany - University of Albany is a member of the Middle States Commission on Higher Education.

## **Core Capabilities**

Access Control and Identity Verification  
Community Resilience  
Critical Transportation  
Cybersecurity  
Economic Recovery  
Environmental Response / Health and Safety  
Fatality Management Services  
Fire Management and Suppression  
Forensics and Attribution  
Health and Social Services  
Housing  
Infrastructure Systems  
Intelligence and Information Sharing  
Interdiction and Disruption  
Logistics and Supply Chain Management  
Long-term Vulnerability Reduction  
Mass Care Services  
Mass Search and Rescue Operations  
Natural and Cultural Resources  
On-scene Security, Protection and Law Enforcement  
Operational Communications  
Operational Coordination  
Physical Protective Measures  
Planning  
Public Health, Healthcare, and Emergency Medical Services  
Public Information and Warning  
Risk and Disaster Resilience Assessment  
Risk Management for Protection Programs and Activities  
Screening, Search, and Detection  
Situational Assessment  
Supply Chain Integrity and Security  
Threats and Hazards Identification

## **Core Competencies**

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

## **Internship is optional**

### **For More Information:**

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