Courses in Emergency Preparedness, Homeland Security & Cybersecurity

C Ehc 210
Critical Inquiry & Communication in EP, HC & C (3)
*This course offered online through the Blackboard Learning System.* This course builds upon UUNI 110’s focus on critical argumentation, analysis and communication in the context of emergency preparedness, homeland security and cybersecurity. Students will learn to build and evaluate arguments, gather and evaluate evidence, and present conclusions within the context of emergency preparedness, homeland security and cybersecurity by writing briefs and conducting briefings.

(2302) Reinisch, Peter
6 Week 1: May 29-July 5
*Online course in Blackboard*

C Ehc 242
Cybersecurity (3)
*This course offered online through the Blackboard Learning System.* The purpose of this class is to acquaint students with the policy issues associated with cybersecurity, this includes issues like cyber-attacks, network security, incident response, cyber crime, cyber espionage, and cyber conflict. Students will look at how government agencies and private sector entities assess and respond to the changing cybersecurity landscape -- how they assess the risks they face, how they manage those risks through security procedures and practices, and how they mitigate the impact of attacks that do happen on their systems. Prerequisites(s): C EHC/R PAD 101.

(2303) Augustine, William
6 Week 1: May 29-July 5
*Online course in Blackboard*

C Ehc 310
Research Seminar in Emergency Preparedness, Homeland Security & Cybersecurity (3)
*This course offered online through the Blackboard Learning System.* In many undergraduate classes, students are consumers of research created by others. Students read historical case studies of disasters, examine regression results of probing the relationship between democracy and terrorism, peruse interviews with government officials from homeland security agencies and scrutinize surveys of public opinion of privacy and security. What is often unclear is the research process lurking behind these final results. The mission of this course is to shed light on the research process in the areas of emergency preparedness, homeland security and cybersecurity. Over the course of the semester, students will conduct literature reviews, develop hypotheses, construct research designs, collect data, test hypotheses, and communicate findings. Students will start by creating a literature review on a topic of the student’s interest, identifying a falsifiable research question of interest to them in an area related to his or her concentration and subsequently investigating the question using the procedures and methods of social science. Prerequisite(s): C EHC/R PAD 101 and C EHC 210.

(2304) Fraser, Marcie
6 Week 2: June 24-August 2
*Online course in Blackboard*

C Ehc 343
Homeland Security (3)
*This course offered online through the Blackboard Learning System.* This undergraduate survey course introduces students to the US government response to the attacks of September 11, 2001, specifically, the second largest reorganization of the executive branch that produced the US Department of Homeland Security. Topics examined include border and transportation security, customs, immigration policy and enforcement; preparedness and capabilities building, response and resilience; critical infrastructure
protection; threat and vulnerability assessment and risk management; cyber security; counter-terrorism. Although the course is primarily focused on US federal government activities, it will also examine state and local dimensions of homeland security as well as US government interactions with other countries in the homeland security domain.

(1751) Vitek, Andrew
6 Week 2: June 24-August 2
*Online course in Blackboard*

C Ehc 344
**Emergency Preparedness (3)**
*This course offered online through the Blackboard Learning System.* This course provides a study of applicable policies, protocols, and laws that impact the practice of emergency preparedness at the federal, state, and local levels of government. The study includes a brief review of the history of emergency management setting the stage for an examination of "best practices" and philosophies. These drive the nation's preparedness, response, recovery, and mitigation efforts of various levels of emergencies and disasters which in turn helps facilitate a community's resilience in the face of disasters. The methodology used in this course includes classroom discussions and activities, studies of applicable case studies, and individual exploration resulting in a well-crafted paper. Where applicable, simulation activities provide opportunities for the student to "experience" realistic situations similar to real-world emergencies and disaster operations. Prerequisite(s): R PAD/C EHC 101, Introduction to Emergency Preparedness, Homeland Security and Cybersecurity, recommended.

(1752) Silver, Amber
6 Week 3: July 8-August 16
*Online course in Blackboard*

C Ehc 345
*This course offered online through the Blackboard Learning System.* This course provides a foundation for applying philosophical and ethical understanding to homeland security professions by drawing on both theoretical and practical approaches. It includes an overview of philosophical theories of ethics and political philosophy relevant to security practices and policies, as well as opportunities to develop critical thinking and communication skills in their application to particular cases related to homeland security through analysis and discussion. Historical and contemporary material will be examined to investigate issues such as the right to privacy, the nature and value of freedom, the justification of state security, and rights and responsibilities of public officials and health professionals. Prerequisite(s): C EHC/ R PAD 101 or permission of instructor.

(2016) Hastings, Terry
4 Week 1: May 28-June 21
*Online course in Blackboard*

C Ehc 390
**Internship Experience: Emergency Preparedness, Homeland Security and Cybersecurity (3)**
This course is intended to give students an opportunity to effectively apply what they have learned in their classroom studies through work in relevant professional settings. Students will work with the staff of the College of Emergency Preparedness, Homeland Security and Cybersecurity to secure placement at an off-campus agency or organization, including public, private, and not-for-profit organizations. Alongside that internship, there will be an accompanying class meeting in which students will integrate the theoretical concepts that they have learned in their courses with the practical experience of their internship as well as engage in career preparation activities. Prerequisite(s): C EHC/R PAD 101 and junior or senior standing. *Please be sure to have an internship in place before registering for this course. If you have trouble finding an internship, please reach out to mbaumgardner@albany.edu.*

(1863) Baumgardner, Michael
12 Week: May 28-August 16