

# HOMELAND SECURITY

## Preparing innovative, dynamic problem-solvers for a safer tomorrow

Today's threat environment is complex and dynamic and includes threats from small- to large-scale attacks of violence or terrorism, to cybersecurity to climate change, pandemics, and catastrophic natural disasters such as hurricanes, wildfires, tornadoes and earthquakes. Fully available to students on both campuses (Durham and Manchester), the Homeland Security (HLS) program will give students the tools to help organizations and the nation be safe and resilient.

<https://manchester.unh.edu/academics/degree-programs/homeland-security>

### Programs

- [Homeland Security Major \(B.S.\)](#)
- [Corporate Security Minor](#)
- [Cybersecurity Policy Minor](#)
- [Emergency Management Minor](#)
- [Global Studies Minor](#)
- [History Minor \(Manchester\)](#)
- [Homeland Security Minor](#)
- [National Security Intelligence Minor](#)
- [Political Science Minor](#)
- [Terrorism Studies Minor](#)

### Courses

## Homeland Security (HLS)

### HLS 410 - Introduction to Homeland Security

**Credits:** 4

The primary focus of HLS 410 is to describe the entirety of the homeland security enterprise in the US and to survey many of the major expressions of it, which can become careers in security. This includes a history of homeland security and emergency management disciplines, and the law and policy underpinnings for homeland security and specific units in emergency management, terrorism, intelligence, law and policy, critical infrastructure and risk analysis, corporate security, environmental/human security and cybersecurity.

**Grade Mode:** Letter Grading

### HLS 415 - Fundamentals of Corporate Security

**Credits:** 4

HLS 415 will introduce the student to the fundamentals of corporate security including the nature, scope, history, and essential elements of organization (or enterprise) security in the workplace, with emphasis on the private sector. Specific areas include the operational aspects of security strategies for identifying and controlling security exposures, risk management strategies, applicable legal issues, personal protection, property protection, role of intelligence, and concepts of disaster planning and management.

**Grade Mode:** Letter Grading

### HLS 455 - Introduction to Cybersecurity

**Credits:** 4

The primary focus of HLS 455 is to provide a survey of the broad field of cybersecurity and information security/assurance. Topics will include a definition of information security, the need for information security and cybersecurity in both the public and private sectors, ethical and legal issues revolving around cybersecurity, risk management and planning, and information/cyber security technology. The role of the U.S. Department of Homeland Security (DHS) in securing the cyberspace and the nation's information-related infrastructures will also be explored.

**Grade Mode:** Letter Grading

### HLS 480 - Professional Skills in Homeland Security

**Credits:** 4

HLS 480 prepares students to effectively enter the workforce via an internship or co-op experience. Students learn to prepare a resume and cover letter, practice interviewing, learn about how their personality matches job descriptions, search for internships, and develop an e-Portfolio that describes themselves, their professional aspirations, skills, etc. Professional ethics, decision making, organizational power, basic leadership and management principles and professionalism are discussed and illustrated.

**Attributes:** Writing Intensive Course

**Grade Mode:** Letter Grading

### HLS 505 - Political Violence and Terrorism

**Credits:** 4

This course provides an interdisciplinary approach to the study of political violence and terrorism. It covers the psychological and sociological roots of terrorism, the organizational patterns of cells, groups and networks, and the role of ideology and identity in shaping goals, targets, and tactics. No credit for students who have previously taken PS 505, or PS #651 Special Topics: Political Violence and Terrorism.

**Attributes:** Social Science (Discovery)

**Equivalent(s):** PS 505

**Grade Mode:** Letter Grading

### HLS 510 - Fundamentals of Emergency Management

**Credits:** 4

This course includes a thorough coverage of the historical and statutory background of emergency management (EM) in the USA as well as the significant laws and policies that have defined and shaped the field, including HSPD 5, HSPD 8, the National Flood Insurance Act, and the Stafford Act. Topics include detailed coverage of FEMA's all hazards approach, the EM cycle, integrated EM, the incident command system, the National Incident Management System, emergency support functions, and risk communications and the homeland security exercise evaluation program (HSEEP) where students are introduced to the both discussion and operations-based exercises and strategies for evaluating exercises. This course culminates with each student writing and formally presenting an integrated emergency management plan. Prereq: HLS 410, HLS 415, or consent instructor.

**Grade Mode:** Letter Grading

**HLS 515 - Critical Infrastructure Security and Resilience****Credits:** 4

HLS 515 includes an introduction to critical infrastructure security, resilience, and risk analysis as it is conceptualized, regulated and used in the homeland security enterprise. Topics include the history and evolution of critical infrastructure protection including the composition, characteristics and risks to critical infrastructures. Public-private partnerships and sector-specific plans are examined. Resilience in a global context and risk analysis as a means by which resources and assets are allocated to critical infrastructure(s) is presented. Prereq: HLS 410, HLS 415 and HLS 455 or consent of coordinator.

**Grade Mode:** Letter Grading**HLS 520 - Homeland Security Law and Policy****Credits:** 4

This course is an overview of key legal, policy, and ethical issues in the context of Homeland Security policy and practice. Students examine legal concepts regarding constitutional rights of individuals, legal process, access to courts, the law of war, and national security principles as they relate to homeland security legislation and policy initiatives. Legal principles of due process, habeas corpus, search and seizure. Compulsory process, and international agreements are explored in greater depth. The law of war will be examined in the context of preemptive war and the current National Security Strategy, the status of combatants and detention, Elements of national security law, intelligence collection and sharing, the Patriot Act, and military-civilian relations, etc. Prereq: HLS 410 or consent of the instructor.

**Grade Mode:** Letter Grading**HLS 540 - Prevention and Detection of Fraud****Credits:** 4

Fraud detection and prevention are a perpetual concern for organizations, individuals and society. Course topics include fraud causes and behaviors of fraudsters, the fraud triangle, criminal and civil fraud, red flags, financial statement fraud, procurement fraud, bribery, pyramid schemes, money laundering, corporate governance, fraud risk management and responses. Real-world fraud schemes are explored and discussed. Required course for minor in Forensic Accounting. May not be repeated for credit if taken as BUS 460.

**Equivalent(s):** BUS 460**Grade Mode:** Letter Grading**HLS 550 - History and Structure of the U.S. Intelligence Community****Credits:** 4

National security intelligence is a secret nation-state activity to understand or influence an adversarial entity. The United States has a unique Intelligence Community (IC) of 17 organizations that support policymakers. How did the IC develop? How does each component support its mission? This class provides students with an introduction to the history and structure of the United State IC with a focus on the events and policy that shaped its development.

**Grade Mode:** Letter Grading**HLS 555 - Comparative Homeland Security Systems****Credits:** 4

This course will encourage students to become cosmopolitan citizens by gaining knowledge and understanding of cultures other than those of the United States. Students will learn to recognize others' values and, ultimately, accept the many ways in which we all are human. For example, using the Irish struggle for independence from Britain and the Troubles as examples, students will examine Anglo and Irish "culture" and how it is influenced by or how it can influence nation-state security, or conversely, the fight for civil liberties and independence. The main systems and structures in both the US and the UK's domestic security enterprises will be discussed as well as the origins, typologies and goals of several terrorist groups, the basics of the intelligence community in both nations, and how intelligence informs the struggle to contain terrorism. In addition, for homeland security majors, this course can satisfy either the terrorism requirement or the intelligence systems requirement (see instructors). Although a major objective of the course is to prepare students to participate successfully in a managed study abroad program (as a separate course: HLS 656, 1 credit), participation in the study abroad trip is a not required component of this course.

**Attributes:** World Cultures(Discovery)**Grade Mode:** Letter Grading**HLS 580 - Environmental and Human Security****Credits:** 4

Students will learn how environmental issues may give rise to socio-political instability around the world which can become threats to US national/homeland security. This course will explore how U.S. domestic and foreign policy, and ultimately, U.S. national security, can be impacted by emergent threats to nations from environmental health issues, climate change, deforestation, infrastructure vulnerabilities, and natural resource shortages caused by rapid industrialization, population growth, and urbanization in less developed countries. In a seminar format, students and faculty will cover a variety of readings and discuss their conclusions and students will have the opportunity to lead class discussions on assigned readings.

**Attributes:** Environment,TechSociety(Disc)**Grade Mode:** Letter Grading**HLS 595 - Independent Study in Homeland Security****Credits:** 1-4

HLS 595 is an independent study in homeland security. Its main function will be to allow students to complete a 500 level homeland security course required in the major, but who are not able to take the required course when it is offered. HLS 595 can substitute for the required core course. In addition, students can also take HLS 595 as a sophomore level independent study as a variable credit course for students wanting to more deeply explore an area of interest. Prereq: Senior standing and permission. Cr/F.

**Repeat Rule:** May be repeated for a maximum of 8 credits.**Grade Mode:** Credit/Fail Grading

**HLS 610 - Exercise Design and Evaluation in Homeland Security****Credits: 4**

HLS 610 studies the role and structure of exercise design as it is applied in homeland security and emergency management. Students are introduced to the nature and characteristics of discussion and operations-based exercises and the Homeland Security Exercise Evaluation Program. The legislative and policy background of national preparedness is presented. Students complete a project and presentation that demonstrates how exercises are designed, scripted, implemented (conducted) and evaluated. Prereq: HLS 510 and HLS 515 or consent of coordinator.

**Grade Mode:** Letter Grading**HLS 615 - Introduction to Fraud Investigation****Credits: 4**

Fraud Investigation is a specific process including acquisition and verification of information that could lead to the confirmation of fraudulent activity and legal consequences. Course topics include various steps in the fraud investigation process, including identification of fraud, planning an investigation, interviewing, gathering of public and non-public evidence, analysis of data, legal considerations, confidentiality, and writing a fraud examination report. Real-world fraud cases are discussed and analyzed. Required course for minor in Forensic Accounting.

**Grade Mode:** Letter Grading**HLS 630 - Sports and Large Event Security Management****Credits: 4**

This course will address the nature and scope of sport and large event security issues involved in securing the homeland from domestic and international threats to sports and other large events. Motives, methods, and impact of terrorism activity, natural disasters, and crowd management issues in sport and large event venues will be discussed. This course also includes an examination of the basic legislation and operations of the U.S. Department of Homeland Security; risk assessment; security planning options; emergency response and recovery, training and exercises. Prereq: HLS 410.

**Grade Mode:** Letter Grading**HLS 640 - Forensic Accounting****Credits: 4**

Forensic accounting procedures uncover fraudulent schemes and misappropriation of assets. Course topics include review of the basics of financial accounting, Sarbanes-Oxley legislation, the forensic accounting profession, occupational fraud, financial analysis techniques, money laundering, investigative and interviewing processes, evidence gathering, inferential analysis, and documentation and presentation of the case. Real-life fraud cases solved by forensic accounting skills are analyzed. Pre-req: BUS 532 or ADMN 502 or equivalent. Required course for minor in Forensic Accounting.

**Grade Mode:** Letter Grading**HLS 650 - Intelligence Systems and Structures in Homeland Security****Credits: 4**

Intelligence is a systematic process of collection, analysis, and dissemination of information in support of national, state, and/or local policy or strategy. HLS 650 will explore the varied expressions of the intelligence community as it exists in the US. In addition, students will explore the history and development of the IC in the US, major legislative acts that led to the development of intelligence as a major function of US national security strategy. Prereq: HLS 410 or permission of instructor.

**Grade Mode:** Letter Grading**HLS 651 - Issues in Intelligence Collection****Credits: 4**

The primary focus of this course is to develop an understanding of intelligence collection in the US and foreign nations, the issues facing intelligence collection and a survey of the various forms of collection. Students will learn the role collection plays in the intelligence community, how various policies affect collection and how different agencies monitor and collect intelligence. Prereq: HLS 650.

**Grade Mode:** Letter Grading**HLS 652 - Intelligence Analysis and Production****Credits: 4**

National security intelligence analysis is a process of transforming collected data into useable and often actionable products. In this class students will focus on the analysis phase of the intelligence cycle and its relationships with decision maker requirements, intelligence community planning, collection, and dissemination. A primary goal of this class is to increase students' capacity for critical thinking when conducting analytical activities. Prereq: HLS 650.

**Grade Mode:** Letter Grading**HLS 653 - Counterintelligence****Credits: 4**

Media articles often include depictions of captured spies, criminals, and faceless cyber-attacks. What process is used to identify and defend against these threats? Counterintelligence plays a key role in defending a country or organization from other nation states intelligence services and other nontraditional threats. In this course students will learn about counterintelligence as a phenomenon and critically examine the activities undertaken by counterintelligence organizations.

**Grade Mode:** Letter Grading**HLS 654 - Covert Action****Credits: 4**

On January 3, 2020 the Iranian Revolutionary Guards Corp leader Qasem Soleimani was killed in Iraq by a United States drone strike. Was this event covert action? In this class students will explore covert action and how it is used by nation states to achieve their foreign policy objectives.

**Grade Mode:** Letter Grading**HLS 655 - Open Source Intelligence****Credits: 4**

Open Source Intelligence (OSINT) plays a critical role in national security intelligence. Open sources are defined as those that are publicly available. In this course students will explore and analyze OSINT intelligence from publications, broadcasts, digital media, geographic, and other technical data.

**Grade Mode:** Letter Grading**HLS 656 - Comparative Homeland Security Systems Lab****Credits: 1**

The study abroad component of its prerequisite course, HLS 555. Students go on a 3-week managed study abroad program designed and led by UNH faculty. Prereq: HLS 555 or consent instructor. Special Fee.

**Grade Mode:** Letter Grading

**HLS 665 - Bioterrorism, Biosecurity, and Biodefense****Credits:** 4

This course examines biowarfare, including biological, chemical, and radiological weapons. Historical, plausible, and novel weapons will be studied. Mechanisms of action, biological and societal impacts, detection, treatment and governmental strategies for biodefense will be investigated. Discussions will focus on surveillance and preparedness at the state and federal levels. Relevant aspects of the law will be presented and the bioethical challenges of anti-bioterror research will be explored.

Prereq: HLS 410 or BMS 503.

**Equivalent(s):** BSCI 665**Grade Mode:** Letter Grading**HLS 695 - Independent Study in Homeland Security****Credits:** 1-4

HLS 695 is an independent study in homeland security. Its main function will be to allow students to complete a 600 level homeland security course required in the major, but who are not able to take the required course when it is offered. HLS 695 can substitute for the required core course. In addition, students can also take HLS 695 as a junior level independent study as a variable credit course for students wanting to more deeply explore an area of interest. Prereq: Senior standing and permission. Cr/F.

**Repeat Rule:** May be repeated for a maximum of 8 credits.**Grade Mode:** Credit/Fail Grading**HLS #722 - International White Collar Crime****Credits:** 4

It was Edwin Sutherland, an American sociologist of the early 20th century who first began to appreciate and understand white collar crime and distinguish it from other criminality. He was also the first to define it, calling it "crime committed by a person of respectability and high social status in the course of his occupation". Today, international white collar crime is a global phenomenon which reaches into the highest levels of transnational business and commercial behavior, government, and politics. It includes, but is not limited to, old-fashioned graft and corruption, tax evasion, money laundering, securities and market manipulation, banking and insurance violations and fraud, influence peddling and even election fixing. This course is intended to provide the ICLJ's advanced students with a thorough understanding of what white collar crime is, where it is, how it is executed, what is being done to combat it, and what dangers it presents to established and emerging nations. The course will examine the approaches to these problems used in countries that have a strong interest dealing with white collar criminal issues. In addition, international best practices and standards will be critically assessed.

**Grade Mode:** Letter Grading**HLS #724 - International Criminal Law Survey****Credits:** 4

This course is a survey of the field of international criminal law. It asks students to consider foundational questions about what counts as an international crime; when an individual country may have jurisdiction over crimes that occur outside the country's boundaries and when and over what crimes an international body may have jurisdiction. It introduces students to the international criminal court; the special tribunals; domestic and international efforts to combat terrorism and an array of transnational crimes like drug trafficking, cybercrimes, white-collar crimes etc.

**Grade Mode:** Letter Grading**HLS #726 - International Criminal Court & The Special Tribunals****Credits:** 4

This course is about a new and exciting area of law, practice and procedure that in many respects is still in its infancy. During the course you will explore how International Criminal Law and the International Criminal Courts and Tribunals evolved. You will examine their jurisprudence, practice and procedure. Specifically, you will discover how the prosecution operates from the investigation of crimes through to their prosecution. You will look at the role of the defense and the common defenses raised in cases before the courts. An understanding of the full ramifications of International Criminal Law can be challenging because it disturbs some of the well-established concepts that you may have become accustomed to, such as sovereignty, military supremacy, and discrimination.

**Grade Mode:** Letter Grading**HLS #750 - Emergent Topics in Homeland Security/Homeland Defense****Credits:** 4

HLS #750 will investigate the nature of strategic planning as it relates to homeland security and national security in the United States. In addition, students will explore how strategic planning relates to decision making in more stable environments as well as decision making under uncertainty. Relevant legislation and past decisions (such as the Bay of Pigs and the Cuban Missile Crisis) will be explored. In addition, the basic concepts of the techniques for strategic communication will be explored, developed, and related to decision making along with the characteristics of making high quality strategic decisions. Prereq: HLS 510 and HLS 515 or consent of instructor. Special Fee.

**Grade Mode:** Letter Grading**HLS 760 - Strategic Planning and Decision Making****Credits:** 4

HLS 760 investigates the nature of strategic planning as it relates to homeland security and national security in the U.S. Students explore how strategic planning relates to decision making in more stable as well as uncertain environments. Relevant legislation and past decisions (such as the Bay of Pigs and the Cuban Missile Crisis) are explored including concepts and techniques from making high quality decisions. Strategic communication principles and techniques are presented. Prereq: HLS 510 and HLS 515 or consent of coordinator. Writing intensive.

**Attributes:** Writing Intensive Course**Grade Mode:** Letter Grading**HLS 770 - Internship in Homeland Security****Credits:** 4

HLS 770 represents the professional work experience required in the homeland security major. Students work in a professional setting for a minimum of 180 hours under the supervision of a site supervisor. All internships require students to identify and complete work on a specific project (s) approved by the HLS coordinator. Internships may be taken at any time after students have taken 30 credits of university coursework. Note that students who are academically or otherwise unable to enter into internship must take HLS 799 (thesis in homeland security which requires senior standing and permission from the HLS program coordinator). Prereq: HLS 410, HLS 455 and HLS 480.

**Grade Mode:** Credit/Fail Grading

**HLS 790 - Capstone in Homeland Security****Credits:** 4

HLS 790 allows students to work collaboratively with an organization to identify and solve a homeland security, physical security, safety, cybersecurity or emergency management challenges. Each group performs a risk assessment in order to identify their client's primary security or preparedness challenges. Students then use their skill to identify and apply best practices as countermeasures. Students culminate their projects with presentations to their classmates and to their clients. The expectation of this class is to develop a professional example of the student's thinking and writing to solve real world security problems. Prereq: senior standing, HLS 610 and HLS 760 or consent of coordinator.

**Attributes:** Writing Intensive Course**Grade Mode:** Letter Grading**HLS 795 - Independent Study in Homeland Security****Credits:** 1-4

HLS 795 is an independent study in homeland security. Its main function will be to allow students to complete a 700 level homeland security course required in the major, but who are not able to take the required course when it is offered. HLS 795 can substitute for the required core course. In addition, students can also take HLS 795 as a senior level independent study as a variable credit course for students wanting to more deeply explore an area of interest. Prereq: Senior standing and permission. Cr/F.

**Repeat Rule:** May be repeated for a maximum of 8 credits.**Grade Mode:** Credit/Fail Grading**HLS 799 - Senior Thesis in Homeland Security****Credits:** 4

Students work under the direction of a faculty thesis advisor to plan and carry out independent research resulting in an oral presentation and a major research paper. Research projects should include the development of a research thesis/question, a literature review, analysis, and synthesis of relevant data/sources, discussion and interpretation and presentation of results. Senior Thesis can be used to substitute for Internship in HLS. Permission by HLS program coordinator required, open only to HLS seniors. Prereq: HLS 510 and HLS 515 and HLS 650 and HLS 760.

**Attributes:** Writing Intensive Course**Repeat Rule:** May be repeated for a maximum of 8 credits.**Grade Mode:** Credit/Fail Grading

## Faculty

[Homeland Security Faculty](#)