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## National Security

### NTS102 Introduction to National Security

4 Credit Hours

This course introduces students to the National Security program. Students completing this course will know the nature of the national security organizations and their responsibilities, be aware of the major strategic issues confronting the nation, and know the current national strategy for responding to national security threats.

### NTS103 Corporate Financial Management

4 Credit Hours

A comprehensive analysis of the structure of optimal decisions relative to the functional areas of corporate financial decision making. Emphasis is placed on developing an understanding of the applications and limitations of decision models for the investment, financing, and dividend decisions of the corporation. Topics include firm valuation, capital budgeting, risk analysis, cost of capital, capital structure, and working capital management.

Prerequisite: NTS102

### NTS104 Industrial Security

4 Credit Hours

Concepts of security as it integrates with industrial management systems are presented along with industrial security requirements and standards, alarms and surveillance devices, animate security approaches, cost, planning, and engineering. Principles of safety practices and regulations, fire prevention, property conservation, occupational hazards, and personal safeguards are also examined.

Prerequisite: NTS102

### NTS105 National Security Law

4 Credit Hours

This course introduces students to national security law, and is intended as an overview of legal issues for National Security majors. Students completing this course will know the nature of the legal regulations governing national security organizations and their operations, be knowledgeable about the major statutory enactments and case decisions interpreting national security law, and be aware of the sources of legal authority for national security operation.

Prerequisite: NTS102

### NTS106 Issues in Computer Crime and Cyber Security

4 Credit Hours

This course will examine the history and evolving nature of the relationship between technology, crime, and security, with a particular focus on legitimate and illegitimate Internet commerce, cybercriminal methodologies, and techniques.

Prerequisite: NTS102

### NTS107 Network Security and Data Protection

4 Credit Hours

A comprehensive introduction to network security issues, concepts, and technologies. The core technologies of access control, cryptography, digital signatures, authentication, network firewalls, and network security services are reviewed along with issues of security policy and risk management.

Prerequisite: NTS102

### NTS108 Emergency Planning

4 Credit Hours

This course will provide students with the skills to develop a comprehensive plan for risk analysis, threat assessment, staffing an emergency operations center, coordinating with supporting agencies, and creating a continuing testing program. Actual case studies are used to teach students how to plan

for natural disasters as well as terrorism at the federal, state, and local levels.

Prerequisite: NTS102

**NTS110 Communication Skills for National Security** **4 Credit Hours**

This course examines the nature and importance of communication within the national security studies professions. Students develop report writing skills, and will have an understanding of the impact report writing has on their professional activities.

Prerequisite: NTS102

**NTS111 Ethics and Homeland Security** **4 Credit Hours**

This course provides a foundation of classical ethical theories and explores the ethical implications of war and terrorism in the 21st century. Students will be challenged to analyze the controversial issues of the practice of torture, bombing of civilians, assassination and targeted killing, and humanitarian intervention. Civil liberties and the Patriot Act will be examined.

Prerequisite: NTS102

**NTS200 Intelligence Analysis** **4 Credit Hours**

This course introduces students to intelligence analysis as applied in the National Security Agency context. This course focuses on the application of analytical software tools and analytical techniques specific to the intelligence community for the purpose of developing usable information to assist in the development and deployment of national security policy. Students completing this course will have an understanding of analytical techniques and software used by intelligence agencies in the United States.

Prerequisite: NTS102

**NTS205 Cryptography and Data Security** **4 Credit Hours**

Cryptographic concepts and logarithms and their application to data security are surveyed in this course. Techniques studied will include private key cryptosystems, public key cryptosystems, and hash functions. Commonly used algorithms will also be studied; these might include DES, 3DES, AES, IDEA, RSA, Diffie-Hellman, MD5, SHA, and DSS.

**NTS206 Systems Security and Auditing** **4 Credit Hours**

This course examines the strategies for deploying and auditing secure systems. IT auditors primarily study computer systems and networks from the point of view of examining the effectiveness of their technical and procedural controls to minimize risks. Risk analysis and the implementation of corresponding best practice control objectives will be studied.

Prerequisite: NTS107

**NTS210 Cyber Law** **4 Credit Hours**

This course analyzes special problems arising from the use of computers and the Internet. Topics such as the impact of mass data banks on the right to privacy, copyright infringement, personal and social security concerns, and the tension between the First Amendment and protecting vulnerable populations will be explored.

**NTS212 Counterterrorism and Intelligence Analysis** **4 Credit Hours**

Students in this course study and analyze counterterrorism, including the evolution of counterterrorism, and the specifics of the typology and anatomy of terrorist operations. The course provides an overview of the intelligence community, collection, analysis, requirements, and dissemination.

Prerequisite: NTS102

**NTS215 Introduction to Emergency Management****4 Credit Hours**

Students will learn the basic principles of effective emergency management as they have developed over the past six decades, including the rapid evolution of the field in this century.

Prerequisite: NTS102

**NTS255 Computer Applications in National Security****2 Credit Hours**

An introduction to information systems used within the criminal justice system.

**NTS256 Computers, Technology, and National Security****2 Credit Hours**

This course provides an overview of existing criminal justice information systems with implications for future needs. The impact of science and technology on criminal justice agencies will be analyzed.

**NTS300 U.S. Policy and National Security****4 Credit Hours**

This course probes the development and operation of U.S. military and national security policy from George Washington to the present, with major emphasis on the 20th century and post-World War II.

Prerequisite: NTS102

**NTS305 Domestic Terrorism and Violent Extremism****4 Credit Hours**

This course examines bigotry and hate and how they are manifested in criminal behavior. Various groups who have been labeled as supporting or engaging in domestic terrorism are studied. Focus is placed on federal and state statutory laws and the dynamics of police, court, and corrections-based responses to hate crimes and domestic terrorism.

**NTS307 Threat and Risk Assessment****4 Credit Hours**

This course prepares emergency response managers, community leaders, private sector, nongovernment organizations, and tribal leaders to conduct a comprehensive, capabilities-based threat and risk assessment for terrorism/all-hazards incidents under the National Response Framework (NRF), National Preparedness Guidelines, and Homeland Security Presidential Directives.

Prerequisite: NTS108

**NTS400 Weapons of Mass Destruction****4 Credit Hours**

This course explores the threats that weapons of mass destruction (WMD) pose to the U.S. and its interests, along with the strategies to meet those threats. The course will examine the technical aspects, history, and contemporary threat of each weapon category: chemical, biological, radiological, and nuclear. There will be a critical analysis of U.S. and global efforts to limit access to these weapons and prohibit their production, proliferation, and use.

Prerequisite: NTS102

**NTS402 Digital Forensics****4 Credit Hours**

This course focuses on identifying, preserving, and extracting electronic evidence. Students will learn how to examine and recover data from operating systems and core forensic procedures for any operating or file system. Students will also understand technical issues in acquiring computer evidence and how to conduct forensically sound examinations to preserve evidence for admission and use in legal proceedings.

Prerequisite: NTS206

**NTS410 Research Methods in National Security****4 Credit Hours**

This course examines academic research with particular attention to research

designs, data collection, and sampling. This course will address the procedures and methods necessary to conduct a research study. Methodological problems and ethical issues will be considered in detail.

Prerequisite: NTS102

**NTS483 Internship**

**4 Credit Hours**

This course allows students to work in a position related to their course of study. Students integrate the skills and knowledge learned through their academic experiences and participate in focused online discussions and special online projects.

Prerequisite: BUS226