Spring 2017 Courses
Security Studies
Masters and Certificate

MSSS Core Course

SECS 6155 Changing Nature of National Security
(35312 DE  Dr. Roshandel)

This course aims to provide an intellectual footing as well as the conceptual tools necessary to understand and evaluate the critical national security issues facing the United States in the contemporary international system. We begin the course by briefly exploring the domestic influences shaping U.S. security and defense policy, using this as a springboard to analyze the evolution of America’s grand strategy and defense posture in both the Cold War and post-Cold War eras. We then confront the ways in which the events of September 11, 2001 have altered perceptions of security in the U.S. and abroad, and in the process precipitated a major transformation in the security strategy and infrastructure of the United States. Particular attention will be paid to analyzing and critically assessing both the major security threats identified by the U.S. government (including terrorism, NBC weapons proliferation, and state failure) and the chief measures undertaken (including preemptive war, homeland security initiatives, and intelligence reform) in response to those threats.

Area of Emphasis in International Security Courses

HIST 6260 The US and the Middle East, 1783-Present
(34210 DE  Dr. Palmer)

History of American interests and involvement in Middle East since 1783.
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Area of Emphasis in
International Security Courses

POLS 6350 Weapons of Mass Destruction
(32798 TR 1100-1215 Face-to-Face Dr. Cook)

This course examines the arguments surrounding the potential threat posed by Weapons of Mass Destruction in the hands of terrorists or rogue states. Students will learn about biological, chemical, nuclear, and radiological weapons. They will be encouraged to challenge the definitions of weapons of mass destruction and the reality of the threat.

SECS 6320 Cyber Warfare and Security
(35309 DE Dr. Krishnan)

This advanced course will critically examine the ubiquitous nature of the cyber domain in modern warfare. Fundamental principles and case studies in cyber warfare will be covered in order to explain the importance of cyber power in national military strategy and in joint/combined operations, including defensive and offensive operations in cyberspace. There will be a particular emphasis on Russian and Chinese cyber warfare capabilities and operations. The course will discuss the limitations of cyber warfare, including ethical and legal limitations that should govern its use.

SECS 6270 Intelligence Analysis
(35308 DE Dr. Krishnan)

Intelligence analysis is the process by which information relevant for national security is converted into a ‘product’ that is meant to inform U.S. policymaking. This course will explain the various steps in the intelligence cycle, including the collection, processing and dissemination of intelligence, the role of the analyst vs. the policymaker, and some commonly used methodologies for making sense of data, for dealing with denial and deception, and for avoiding bias.
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*Area of Emphasis in Homeland Security Policy Courses*

**EHST 6010 Fundamentals of Environmental Health**
(32289 DE  Dr. Kelley)

Effects of environment on human health. Focuses on rural environment. Consideration given to water supply and wastewater disposal, water quality, solid and hazardous wastes, air quality, occupational health and safety, food protection, and vector control.

**HIST 6260 The US and the Middle East, 1783-Present**
(34210—DE  Dr. Palmer)

History of American interests and involvement in Middle East since 1783.

**JUST 6502 Criminal Justice and Terrorism**
(35088 DE  Dr. Bloss)

Issues of (who) the types of individuals and organizations involved in terrorism; (what) the types of activities conducted; (when) examinations of historical, socio political, and economic forces that facilitate terrorism; (where) temporal and geographic aspects of terrorism; (how) structural, administrative and organizational issues related to terrorism, and official (governmental, law enforcement) responses to terrorism.

**PADM 6220 Leadership and Ethics in the Public Sector**
(32790 TBA Dr. Rauh)

Study of leadership and ethical issues facing policy makers and public administrators, including leadership and management skills, ethical dilemmas and challenges, conflicts of interest and values, and professionalism.
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Area of Emphasis in Homeland Security Policy Courses

POLS 6350 Weapons of Mass Destruction
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Area of Emphasis in Science and Technology Security Area of Emphasis Courses

Information Technology Specialization

ICTN 6878 Legal and Ethical Issues in Information Technology
(34273 DE TBA)

Surveys the legal environment of information technology and issues relating to privacy, policy and unauthorized computer and network intrusion, as covered by federal, state, and local regulations.
Area of Emphasis in Environmental and Occupational Safety and Health

SAFT 6402 Applied Safety and Risk Management (001—33277 R 1400-1515—TBA; 601—33278 DE—TBA)

Practical application of principles of supervisory safety management as related to supervision at various levels in line organization of manufacturing, construction, and service industries. P/C: SAFT 6001, SAFT 6040; or consent of instructor.