Fall 2010 Courses
For the NEW
Master of Science in Security Studies (MSSS)

MSSS Core Courses

SECS 6000 Fundamentals of Security Studies
(85728 DE Dr. Cook)

This course will introduce students to the major concepts and arguments in Security Studies. It will give the students the theoretical background they need to succeed in the program and a basic understanding of the diversity of threats faced domestically and in the international system.

SECS 6250 Policy and Practice of Security
(85848 DE Dr. Roshandel)

This new course aims to provide a comprehensive and advanced understanding of the theory and practice of domestic and international security since World War II. It is basically focused on the six dimensions of national security: socio-cultural, political, economic, technological, and military.
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Area of Emphasis in International Security Courses

HIST 6210 War and Society
(84150 Face-to-Face W 1830-2130 Dr. Palmer)

Examination of the interrelationship between society and warfare from the dawn of civilization to the present.

INTL 6005 Communications Across Culture
(82496 Face-to-Face T 1830-2130 Ms. Fernandes)

A study of the different modes of human communication as related to varying cultural contexts.

Area of Emphasis in Homeland Security Policy Courses

EHST 6010 Fundamentals of Environmental Health
(82651 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.
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Area of Emphasis in Science and Technology Security

ICTN 6853 Cryptography Algorithms and Applications
(85183 and 85184, both DE with Dr. Ozan)

Applicable to the Computer Science Specialization. Check with Department for prerequisites. Key cryptographic terms, concepts, principles and applications in networked environment.

ICTN 6865 Fundamental Network Security
(85185 and 85186, both DE with Dr. Lunsford)

Applicable to the Technology Specialization. Check with Department for prerequisites. Survey of security challenge to data communication and computer network. Topics include evaluation of network security threats, fundamental configuration of enterprise network devices and enterprise network security policy development.

ITEC 6050 Strategies for Technical Management and Communications
(85425 and 85429, both DE with Dr. DuVall)

Applicable to the Technology Specialization. Check with Department for prerequisites. Collaborative learning methods that emphasize problem-based learning, heuristics devices, and critical thinking to solve engineering and engineering-related problems.

ITEC 6600 Quality Systems
(85461 and 85462, both DE with Dr. Sanders)

Applicable to the Technology Specialization. Check with Department for prerequisites. Quality management systems are appraised, including Baldridge, ISO, Six Sigma and other industry specific models. Statistical techniques and continuous improvement is also reinforced.
Fall 2010 Courses
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Master of Science in
Security Studies (MSSS)

*Area of Emphasis in Environmental and Occupational Safety and Health*

**EHST 6010 Fundamentals of Environmental Health**
(82651 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.

**EHST 5510 Physical Safety (2 credit hours)**
(82644 Face-to-Face MW 0800-0850 Dr. Crotts; 82646 DE Dr. Crotts)
Practical application of physical safety principles in living and work environments.

**EHST 5530 Chemical Safety (2 credit hours)**
(82647 Face-to-Face MW 0900-0950 Dr. Selim; 82649 DE Dr. Selim)
Practical application of chemical safety principles in living and work environments.