

DSS COURSE SCHEDULE - FALL 2018

August 20 – December 13

SEATED COURSES

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
6-9	Chemical and Biological Warfare DSS 727-401 – CRN 51431 <i>Melley</i>	Counterproliferation DSS 723-001 – CRN 49579 <i>Bronson</i>	Nuclear Strategy and Deterrence DSS 601-001 – CRN 42390 <i>Payne</i>	Emerging Strategic Challenges DSS 722-301- CRN 47419 <i>Joseph</i>
6-9	Regional Security in the Greater Middle East DSS 702-301 – CRN 43886 <i>Berman</i>	Terrorism DSS 710-301 – CRN 42495 <i>Rose</i>	Intelligence, Counterintelligence, and Covert Action DSS 713-301 – CRN 42912 <i>Bowden</i>	Strategy and U.S. Defense Policy DSS 700 -301 – CRN 51433 <i>DeBiaso</i>
6-9	Survey and Writing in International Security Affairs DSS 632-301 – CRN 42471 <i>Shoumikhin/Geipel</i>		NDU Fellows Only International Security Affairs DSS 632-401 – CRN 46212 <i>Mattox</i> (NDU Campus)	

INTERNET COURSES

(no seated class sessions)

Chemical & Biological Warfare DSS 727-899 – CRN 45393 <i>Melley</i>	China: The International Politics of China's Rise DSS 726-501 – CRN 54999 <i>McKinney</i>	Cyber Warfare DSS 797-501 – CRN 51434 <i>Mazanec</i>
Congress, National Security and Weapons of Mass Destruction DSS 707-899 – CRN 54974 <i>Glabe</i>	International Terrorism & Security DSS 710-898 – CRN 45524 <i>Kiras</i>	Nuclear Strategy & Deterrence DSS 601-899 – CRN 45881 <i>McGiffin</i>
Strategic Culture DSS 719-899 – CRN 54975 <i>Kartchner</i>	Air Force & Fort Leonard Wood Only Internship and Professional Experience DSS 720-899 – CRN 54976 <i>Rose</i>	Air Force & Fort Leonard Wood Only Survey & Writing in International Security Affairs DSS 632-899 – CRN 54977 <i>Geipel</i>

ARRANGED AND OFF-CAMPUS COURSES

Active in Research (thesis completion) DSS 794-001 – CRN 49538 <i>Shoumikhin</i>	Directed Reading DSS 796-001 – CRN 50367 DSS 796-002 – CRN 50368 <i>Shoumikhin</i>	Internship DSS 720-001 – CRN 42478 <i>Joseph and Koch</i>
Thesis DSS 799-001 – CRN 51435 <i>Shoumikhin</i>		

DSS Course Descriptions

Fall 2018 Semester

SEATED COURSES

DSS 601 Nuclear Strategy *Professor Payne*

CRN 42390

Course examines the development of U.S. nuclear deterrence theory and policy. The seminar will study the strategic nuclear balance, including specific problems and programs, and the strategic doctrine, concepts, and objectives of the nuclear powers. Nuclear arms control, including the processes of decision making and negotiating, will be examined, with an emphasis on comparing theory and practice.

DSS 632 Survey and Writing in International Security Affairs *Professors Shoumikhin & Geipel*

CRN 42471 (*DSS regular students only*)

Course examines international and regional security problems and policies from both a regional and global perspective. It treats strategies and security problems from a broader viewpoint than the Seminar on Strategy and Arms Control, covering national interests, alliance relationships, intervention, regional threats, and the security problems of other states, including China and Russia.

DSS 700 Strategy and U.S. Defense Policy *Professor DeBiaso*

CRN 51433

Course examines the transition the U.S. defense establishment is undergoing from a Cold War force posture oriented towards great power conflict with large standing armies to one aimed at addressing a wider spectrum of direct and indirect threats that are both less familiar and less predictable than those of the previous era. The course aims to provide an understanding of defense policymaking in a changing and uncertain security environment.

The class begins with a brief examination of the defense policy and planning framework, including the formation of global alliance arrangements, which guided the development of U.S. military strategy and its force structure during the Cold War. It next addresses the main sources of potential threats to the survival and vital interests of the United States that have emerged in the aftermath of the collapse of the Cold War. In this context, particular attention is paid to the range of military contingencies and the evolving forms of warfare facing the United States today. The course concludes by exploring how the United States is seeking to transform its armed forces, defense programs, and alliances to underwrite its new defense policies for addressing major security problems of the 21st century. The class will analyze the main policy debates and alternative strategies over how the U.S. military can best meet its regional and global security interests and commitments at an acceptable level of risk and cost.

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DSS 702 Regional Security in the Greater Middle East

Professor Berman

CRN 43886

Course provides a survey of contemporary foreign policy and international security challenges in the greater Middle East (the Levant, the Persian Gulf, the Caucasus and Central Asia regions), and their implications for American strategy.

DSS 710 Terrorism *Professor Rose*

CRN 42495

Course will attempt to define and examine security issues related to terrorism and low-intensity conflict today. The origins of modern terrorism will be explored, and terrorism will be put in the context of a strategy to achieve political ends. Case studies of terrorism in various regions, e.g., the Middle East, Europe and the United States, will show some of the current empirical evidence of global terrorist activities. The impact terrorism has on liberal societies and their ability to defend themselves will be examined in the context of counterterrorism strategies.

DSS 713 Intelligence, Counterintelligence, and Covert Action

Professor Bowden

CRN 42912

Course examines the role of intelligence in the formulation of US national security by surveying intelligence organizations, relative strengths and weaknesses of collection disciplines, all-source analysis, and support to war fighters and national policymakers. Taught by a former analyst and executive with 26 years of experience, the course will emphasize intelligence from the practitioner's point of view. The course will focus on current issues in intelligence, including the continuing evolution of post 9/11 reforms, the rise of non-state threats, and the intelligence lessons learned in Iraq and Afghanistan. A major theme throughout the course will be the challenges associated with reconciling civil liberties and individual freedom with the clandestine nature of collection, counterintelligence, and covert action.

DSS 722 Emerging Strategic Challenges

Professor Joseph

CRN 47419

For purposes of this seminar, strategic challenges are defined as emerging trends or security threats – political, economic, or military – that could fundamentally alter the present pattern of interstate relations or the central principles of U.S. foreign and defense policy. Examples include a possible cascade of proliferation resulting in many more nuclear-armed states, a single terrorist with a nuclear weapon, or a resurgent Russia or ascendant China rising to a level of a peer competitor of the United States.

Seminar readings and discussions will focus on:

- Examining the causes, effects, and responses to these potential strategic challenges, especially the spread of weapons of mass destruction to state and non-state actors, both terrorists and enablers such as the A.Q. Kahn network.

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- Assessing assumptions, policies and capabilities for dealing with these challenges and how the concepts of dissuasion, deterrence, and defense must adapt to the new security environment.
- Exploring how to hedge against strategic uncertainties; for example, how best to shape the future of the nuclear enterprise to promote the expansion of nuclear energy globally while reducing the risks of proliferation.

DSS 723 Counterproliferation *Professor Bronson*
CRN 49579

Course explores the challenges posed by nuclear and biological weapons in the hands of state and non-state actors. Students will investigate why various actors pursue these weapons, why some give them up, why others refuse to give them up, and the assorted instruments of national power that may be employed in the development of a national strategy to combat these weapons. Students will consider both the national security and homeland security aspects of these challenges. The subject matter will provide a vehicle for refining critical analytical skills; both verbal and written. The course will stress the refinement of each student's analytical and problem-solving abilities as part of their development as national security strategists.

DSS 727 Chemical and Biological Warfare *Professor Melley*
CRN 51431

Course will provide an understanding of chemical and biological warfare (CBW), including the essentials of how to prevent, protect and respond to their threat. The course will address three main topics:

Topic 1: Understand basic technical aspects of, and agreements related to, CBW: This stage will review chemical and biological weapons technology and compare/contrast the differences across the chemical, biological, radiological and nuclear spectrum.

Topic 2: Understand the application of chemical and biological weapons in an historical context: This stage will cover the history of CBW, including weapons use and how key events helped shape current policies and practices in mitigating the threat of CBW proliferation.

Topic 3: Understand the complexities and challenges of responding to CBW threats and the evolution of U.S. CBW-related policy: During this stage, the impact of advances in science will be reviewed, the shift in application from state-sponsored WMD programs to non-state actor acquisition of WMD will be covered, and the complexities of identifying and detecting biological and chemical weapons deployment and delivery will be addressed.

(end of Seated Courses)

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INTERNET COURSES

DSS 601 Nuclear Strategy & Deterrence *Professor McGiffin*

CRN 45881

Course explores deterrence theory, doctrine, strategy, and application across a spectrum of environments. It provides students with a practitioner's perspective of cross-domain deterrence in the 21st century and enhances their knowledge of deterrence theory and application from the nation-state perspective. Finally, this course will expose students to deterrence methods and environments to include nuclear deterrence, deterrence in space and cyber-space, and deterrence of rogue states and terrorist organizations.

DSS 632 Survey & Writing in International Security Affairs *Professor Geipel*

CRN 35915 (*Air Force and Fort Leonard Wood students only*)

As demonstrated by the dramatic events of 9/11 and subsequent efforts at combating international terrorism, the search for a stable and just international security order has been elusive, with war and armed conflict continuing in many parts of the world. International security problems stem from complex political, economic, environmental, social and cultural causes, and involve a broad range of state and non-state actors. This course provides an overview of developments in the realm of international security since the end of the Cold War, as they affect U.S. national interests first and foremost, in an informed and creative manner. It seeks to equip the students with an understanding of key issues in contemporary international security and enhance their ability to analyze these issues using various theoretical and empirical tools. The course will review key issues in contemporary international relations, including: conflicts and tensions in global regions arising from competing ideologies, political, military, and other interest; efforts at combating extremism, radicalism and terrorism; dangers of the proliferation of weapons of mass destruction, etc.

DSS 710 International Terrorism and Security *Professor Kiras*

CRN 45524

Course addresses the historical, current, and future policy, strategy, and operational issues associated with terrorism. It provides students with a comprehensive perspective and enhances their knowledge of terrorism conducted by both state and non-state actors.

DSS 707 Congress, National Security and Weapons of Mass Destruction *Professor Glabe*

CRN 54974

Advanced research, study, and analysis of defense programs, policies, and the policy and budget processes, both within the Congress and the Department of Defense. Included also will be the comparative analysis of various studies, analyses, and critiques of U.S. defense programs and

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plans, and of regional and global WMD capabilities. Department of Defense administration and organization will also be studied.

DSS 719 Strategic Culture *Professor Kartchner*
CRN 54975

Course will provide an introduction to using strategic culture as an analytical approach to understanding the cultural, religious, historical, and leadership sources of state and non-state actor behavior, with special reference to issues related to national security and weapons of mass destruction. The concept of strategic culture captures domestic sources of state behavior, and offers an alternative or supplemental explanatory framework to the prevailing realist and constructionist theories of international relations. This course is designed to be a follow-on course to DSS 601, Seminar on Nuclear Strategy and Arms Control, and will examine the cultural context for applying theories of deterrence and dissuasion. This course will involve a survey of thinking and analysis on strategic culture, from both theoretical and policy perspectives, as well as an exposure to the framework and methodology of strategic cultural analysis. Several key strategic cultures will serve as case studies for class sessions. Students in the class will have the opportunity to select and explore additional case studies as class presentation assignments.

DSS 720 Internship/Professional Experience *Professor Rose*
CRN 54976 (*Air Force and Fort Leonard Wood students only*)

Professional experience and training in defense and arms control policy making with a U.S. Government department; includes preparation of a written report based upon the internship and professional development assessment from supervisor.

DSS 726 The International Politics of China's Rise [Chinese Military Power] *Professor McKinney*
CRN 54999 [catalog title: Chinese Military Power]

What does China's rise mean for China? What does it mean for Asia? And what does it mean for the U.S.? This course uses the most sophisticated and up-to-date academic literature to begin answering these questions. Themes include the role of the People's Liberation Army (PLA) in Chinese foreign policy, the evolving military balance, the security dilemma in U.S.-China relations, the changing landscape of global governance, and the principal contested questions of the region: the China-Japan relationship, the question of Taiwan, and nature of the South China Sea dispute. China's capabilities, intentions, and likely reactions to various American strategies will be carefully interrogated. Students will begin to think about what peace with China means, and what a U.S.-China war might look like. At the conclusion of the course, students will be prepared to submit an op-ed to an appropriate outlet, such as The Diplomat or The National Interest, on one of the course's themes.

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DSS 727 Chemical and Biological Warfare *Professor Melley*

CRN 45393

Course will provide an understanding of chemical and biological warfare (CBW), including the essentials of how to prevent, protect and respond to their threat. The course will address three main topics:

Topic 1: Understand basic technical aspects of, and agreements related to, CBW: This stage will review chemical and biological weapons technology and compare/contrast the differences across the chemical, biological, radiological and nuclear spectrum.

Topic 2: Understand the application of chemical and biological weapons in an historical context: This stage will cover the history of CBW, including weapons use and how key events helped shape current policies and practices in mitigating the threat of CBW proliferation.

Topic 3: Understand the complexities and challenges of responding to CBW threats and the evolution of U.S. CBW-related policy: During this stage, the impact of advances in science will be reviewed, the shift in application from state-sponsored WMD programs to non-state actor acquisition of WMD will be covered, and the complexities of identifying and detecting biological and chemical weapons deployment and delivery will be addressed.

DSS 797 Cyber Warfare *Professor Mazanec*

CRN 51434

Course addresses emerging international relations, policy, doctrine, strategy, and operational issues associated with Computer Network Attack (CNA), Computer Network Defense (CND), and Computer Network Exploitation (CNE)—collectively referred to as cyber warfare. It provides students with a comprehensive perspective and enhances their knowledge of cyber warfare conducted by both state and non-state actors.

(end of Internet Courses)

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ARRANGED AND OFF-CAMPUS COURSES

DSS 720 Internship *Professors Koch and Joseph*

CRN 42478 *(Requires completion and submission of approval form prior to start of semester. Contact [DSS Office](#) to receive form.)*

Internship experience and training in defense and arms control policy making with a U.S. Government department or agency, a Washington, D.C., based defense policy research institute, or institution of comparable professional experience, including preparation of a written report or research paper based upon the internship.

DSS 794 Active in Research *Professor Shoumikhin*

CRN 49538 *(only for additional semester for thesis completion)*

Students who have completed all course work and are only working on their research component may register for this course. The course is assessed a \$600 supplemental course fee and allows the following: access to the library including online services, access to computer services and Missouri State email, and scheduled meetings and access to DSS professors. Course is for zero credit hours and is graded "P" (pass) or "W" (student discontinues participation in the course and is dropped from the course).

DSS 796 Directed Reading *Professor Shoumikhin*

CRN 50367 *(prerequisite of instructor permission)*

Individually tailored directed readings or research for bibliographical purposes; for improvement of research skills; for the purposes of a broader background of knowledge (e.g., in areas not covered by seminars, such as classical writings on strategy, and on the art of warfare historically or in the American experience); for more depth in selected areas of specialization; and/or to help meet the non-thesis MS degree research requirement.

DSS 799 Thesis *Professor Shoumikhin*

CRN 35012 *(prerequisite of completion of minimum number of DSS course requirements)*

Independent research and study connected with preparation of thesis.

(end of Arranged and Off-Campus Courses)