

**Non-Proliferation and Arms Control –SS,826**  
**(Elective Course)**

**Course Description:** The course will examine why and how disarmament, arms control, and nonproliferation have become important issues in modern diplomacy. It will analyze the progress made in agreeing on global and regional agreements, verification and compliance techniques, and the role such agreements play in post-Cold War security discussions. It will focus on the impact that weapons of mass destruction have had on this process, how globalization has facilitated transfers of key weapons technologies and led to complex international trade controls, and how the current challenges to global security from proliferation, rogue states, non-state actors and terrorism are being addressed.

**Course Objectives:** The purpose of this course is to understand the background of arms control and non-proliferation. The aim of the course is to make students analyze the problems of conflict caused by small arms proliferation in the developing world and the efforts so far made to limit this process. New weapons systems targeting cyber activity and space will be discussed as future challenges to arms control. New types of international response, such as the Proliferation Security Initiative and technology advances in verification, will also be discussed. The prospects for future progress in arms control will be examined in the context of new emerging powers and the diminishing effectiveness of conventional military power.

**Learning Outcomes:** The students interested in this course would be able to develop an understanding of the following core questions:

- What do arms control and disarmament stand for?
- How this becomes important for deterrence and arms control stability between two or more two nuclear weapons states
- Whether or not the continuous endeavors for the construction of both universal and regional nuclear non-proliferation regimes are possible amongst both major and smaller nuclear weapons states.
- How can a state's international commitments to nonproliferation be effectively enforced?
- How should we address the proliferation risks that could accompany a growth in reliance on nuclear power?

## **Course Content**

Week 1:	Origins and History of Arms Control
Week 2:	A Brief History of Nuclear Weapons
Week 3:	Pre-World War-II (Non-Nuclear Environment)
Week 4:	Theoretical Approaches for Nuclear Weapons
Week 5:	Formal and Informal Initiatives and International Response to the Nuclear Non-Proliferation Agenda
Week 6:	The Treaty Making Bodies: The Conference on Disarmament (CD) - A multilateral Forum on Disarmament Debate and the UN
Week 7:	Nuclear Fuel Bank: An Alternative Approach to the Nuclear Non-Proliferation Initiatives
Week 8:	Regional Approach to the Non-Proliferation Issues
Week 9:	<i>Midterm Exam</i>
Week 10:	Security Concerns Attached to Small Arms and Light Weapons
Week 11:	Humanitarian Impact of SALW
Week 12:	Debate of CTBT and FMCT
Week 13:	NNWS and Nuclear Non-Proliferation Agenda
Week 14:	Deterrence Stability, Security Doctrines, and Escalation Control in South
Week 15:	Multilateral Export Controls and Non-Proliferation
Week 16:	<i>Final Exams</i>

## **Reading Material**

- Gareth Evans, Tanya Ogilvie White, Ramesh Thakur, *Nuclear Weapons: The State of Play 2015* (Australian National University, Centre for Nuclear Non-Proliferation & Disarmament, 2015).
- *Preventing the Proliferation of Weapons of Mass Destruction: Key Documents* (German Federal Foreign Office, Nuclear Arms Control and Non-Proliferation Division, Institute for Security Studies, 2007).

- Jozef Goldblat, *Arms Control: The New Guide to Negotiations and Agreements*, (Stockholm International Peace Research Institute, SIPRI, 2002).
- Johnson, Rebecca, 'Is the NPT up to the challenge of proliferation?', *Disarmament Forum* 4/2004, pp. 9-19.
- *Weapons of Terror: Freeing the World of Nuclear, Biological and Chemical Arms* (Stockholm: WMD Commission, 1 June 2006).
- Smithson, Amy E., 'The Chemical Weapons Convention,' in Stewart Patrick and Shepard Forman, eds., *Multilateralism and U.S. Foreign Policy: Ambivalent Engagement* (Boulder: Lynne Rienner, 2002), pp. 247-66.
- Jacques E. C. Hymans, "Theories of Nuclear Proliferation," *The Nonproliferation Review*, 2006, 13:3, 455-465.
- John Carlson "Challenges to the Nuclear Non-Proliferation Regime: Can the Regime Survive? An Australian Perspective" (May 2007) available at: [https://www.dfat.gov.au/asno/publications/challenges\\_nuclear\\_non-proliferation-regime.pdf](https://www.dfat.gov.au/asno/publications/challenges_nuclear_non-proliferation-regime.pdf)
- Muhammad Sadiq, "International non-proliferation regime: Pakistan and Indian perspectives," *IPRI Journal*, Vol. XIII, No. 1, (Winter 2013), 13-26
- Zafar Khan, "Pakistan's policy of arms control and disarmament: a call for arms control regime," *Defence Studies*, 13(1), (2013), pp. 56-79
- Ghulam R. Malik, 'Nuclear Non-Proliferation and the NPT Review Conference: The Pakistani Perspective', in '*Nuclear Disarmament and Non-Proliferation: the Role of the Nuclear Non-Proliferation Treaty*,' (March 29, 2000), available at: [http://www.kas.de/wf/doc/kas\\_5077-1522-2-30.pdf?040722104256](http://www.kas.de/wf/doc/kas_5077-1522-2-30.pdf?040722104256)
- Henry Sokolski, 'The Nuclear Non-proliferation Treaty's Untapped Potential to Prevent Proliferation' in Henry Sokolski (ed.), *Reviewing the Nuclear Non-Proliferation Treaty* (Carlisle, PA: US Strategic Studies Institute 2010).