



DEPARTMENT OF POLITICAL SCIENCE
FACULTY OF ARTS
POLI 585
Preventing the Spread of Nuclear Weapons
SUMMER 2020

INSTRUCTOR: Dr. Saira Bano
EMAIL: sban@ucalgary.ca
OFFICE HOURS: Thursday 3:00-4:00pm or by appointment on Zoom
COURSE DAY/TIME: Tuesday and Thursday 12-2:45pm
DELIVERY METHOD: Remote Delivery (classes will be on Zoom)
COURSE PRE-REQUISITES: POLI 381

COURSE DESCRIPTION:

This seminar course will provide an overview of the threats posed to national and international security by Weapons of Mass Destruction (WMD) and risks and consequences of the use of chemical, biological and nuclear weapons by state and non-state actors. The course will address how these weapons shape countries' national security strategies and regional security dynamics. Efforts at the international level to restrict the use and proliferation of these weapons will also be explored. This will help students to gain a better understanding of current situations in the news related to WMD (such as the positions of North Korea and Iran with regard to nuclear proliferation, or the recent efforts to achieve universal ban on nuclear weapons), and ultimately appreciate how nonproliferation regimes have contributed substantially to the rules of arms control, nonproliferation and disarmament. This course will examine the major international instruments, as well as the negotiations and civil society advocacy campaigns to assess the effectiveness of the nonproliferation regimes, with particular focus on the nuclear regime. Strategies and regimes for implementing compliance and verification will be considered along with their limitations.

The course will start with the background issues and the move onto the global nuclear regime that governs the nuclear proliferation. From discussions on challenges to the Nuclear Nonproliferation Treaty (NPT) and the wider regime, the course will then move onto the simulation sessions to negotiate the next quinquennial NPT Review Conference. Each student will be assigned to represent a state party to the NPT or one of the non-NPT states.

COURSE OBJECTIVES & LEARNING OUTCOMES:

On completion of the module students should be able to demonstrate:

- . An understanding of the origins and context for nuclear nonproliferation problems.
- . An understanding of the motivations for the non-nuclear weapons states to be motivated to support treaties/agreement that works for disarmament of the superpowers and the

limiting of the spread of nuclear weapons globally.

- . A grasp of the challenges to the regime and motivations for states' noncompliance.
- . A basic knowledge of the major nonproliferation regimes and their effectiveness and limitations.

The purpose of this seminar course is to enable students to understand all aspects of nuclear non-proliferation regime through discussion-based sessions. Students' active participation in class discussions is expected.

REQUIRED TEXTBOOK(S):

There is no textbook for this course.

WEBSITES:

Students should make extensive use of online resources for this course. Many of the key documents relating to the NPT Review Conference can be found on the UN's Disarmament website –

<http://www.un.org/disarmament/WMD/Nuclear/NPT.shtml>

<http://www.un.org/en/conf/npt/2015/index.shtml>

http://www.un.org/disarmament/WMD/Nuclear/NPT_Review_Conferences.shtml

Foreign ministries of various countries also contain documents relating to their position to the NPT. You will also find useful article on many countries' positions and capabilities at:

Arms Control Today – www.armscontrol.org/aca

Bulletin of the Atomic Scientists – www.thebulletin.org

Federations of American Scientists – <http://www.fas.org>

Nonproliferation Review [Monterey Institute of International Studies]

<https://www.nonproliferation.org/research/nonproliferation-review/>

Center for Nonproliferation Studies – <https://www.nonproliferation.org>

The CNS co-authors an NPT Briefing Book every year. The document can be found online at:

<https://www.nonproliferation.org/wp-content/uploads/2018/04/npt-briefing-book-2018.pdf>

Carnegie Endowment for International Peace – <https://carnegieendowment.org>

Stockholm International Peace Research Institute – <https://www.sipri.org>

International Atomic Energy Agency – <https://www.iaea.org>

The Federation of American Scientists – <https://fas.org>

The Acronym Institute – <http://acronym.org.uk>

COURSE COMPONENT WEIGHTS AND DUE DATES:

COMPONENT	WEIGHTING	DUE DATES
Seminar Participation	20	Throughout the course
Research Paper	30	July 23
Position Paper	20	August 6
Take Home Exam	30	Issued Tuesday, August 11 and Due Monday, August 17
Total	100%	

COURSE SCHEDULE & TOPICS: The schedule is tentative and may change as the need arises.

DATE	TOPIC	READINGS
Week 1 June 30 & July 2	Introduction – A Brief History of Weapons of Mass Destruction & The Nuclear Non- proliferation Treaty (NPT) and Review Conferences	<ul style="list-style-type: none"> • Scott Sagan, “The Causes of Nuclear Weapons Proliferation”, <i>Annual Review of Political Science</i> (2011), pp. 225-244. • Kathleen Bailey, "Why Do We Have to Keep the Bomb?" <i>Bulleting of Atomic Scientists</i>. (January/February 1995) • Rublee, Maria R., <i>Nonproliferation norms: Why states choose nuclear restraint</i>, Athens, GA, University of Georgia Press, 2009, pp. 1-33 (available online from the University library) • Sagan, Scott D. and Kenneth N. Waltz, <i>The Spread of Nuclear Weapons: A Debate Renewed</i>, New York, W.W. Norton, 2002 • Bunn, George, ‘The Nuclear Nonproliferation Treaty: History and Current Problems’, <i>Arms Control Today</i>, vol. 33, no. 10 (December 2003), pp. 4-11. https://www.armscontrol.org/act/2003_12/Bunn • Simpson, J., ‘The Nuclear Non-Proliferation Regime: Back to the Future’, <i>Disarmament Forum</i>, no. 1 (2004), pp. 5–16 https://www.peacepalacelibrary.nl/ebooks/files/UNI_DIR_pdf-art2015.pdf • Cirincione, Joseph, Jon B. Wolfsthal and Miriam Rajkumar, <i>Deadly Arsenals: Nuclear, Chemical, and Biological Threats</i> (Washington, DC: Carnegie Endowment for International Peace, 2nd ed., 2005). Chapter 2. (Available online from the University library) • Center for Science and Security Studies and James Martin Center for Nonproliferation Studies, <i>NPT Briefing Book</i> (2017 Edition), https://www.nonproliferation.org/wp-content/uploads/2018/04/npt-briefing-book-2018.pdf

		(see especially Part I, Sections 2-8 and Part II A.1)
Week 2 July 7 & 9	Why keep them? The NPT Nuclear Powers & Why seek them? Countries of Proliferation Concern	<ul style="list-style-type: none"> • Cirincione, Joseph, Jon B. Wolfsthal and Miriam Rajkumar, <i>Deadly Arsenals: Nuclear, Chemical, and Biological Threats</i> (Washington, DC: Carnegie Endowment for International Peace, 2nd ed., 2005). Part 2 & 4. (Available online from the University library) • Sidhu, W.P.S. and Ramesh Thakur, eds., <i>Arms Control after Iraq: Normative and Operational Challenges</i>. Tokyo: United Nations University Press, 2006. Chapters 3, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18. (Available online from the University library)
Week 3 July 14 & 16	Why get them: The Non-NPT Nuclear Powers	<ul style="list-style-type: none"> • Cirincione, Joseph, Jon B. Wolfsthal and Miriam Rajkumar, <i>Deadly Arsenals: Nuclear, Chemical, and Biological Threats</i> (Washington, DC: Carnegie Endowment for International Peace, 2nd ed., 2005). Part 3. (Available online from the University library) • Sidhu, W.P.S. and Ramesh Thakur, eds., <i>Arms Control after Iraq: Normative and Operational Challenges</i>. Tokyo: United Nations University Press, 2006. Chapters 19 and 20. (Available online from the University library) • Nielsen, Jenny, 'Engaging India, Israel and Pakistan in the Nuclear Non-proliferation Regime', <i>Disarmament Diplomacy</i> 86 (Autumn 2007), pp. 13–28 http://www.acronym.org.uk/old/dd/dd86/86jn.htm
Week 4 July 21 & 23	Compliance: The UN System, The IAEA, PSI	<ul style="list-style-type: none"> • Sidhu, W.P.S. and Ramesh Thakur, eds., <i>Arms Control after Iraq: Normative and Operational Challenges</i>. Tokyo: United Nations University Press, 2006. Chapters 4, 5, 6, 7 and 8. (Available online from the University library) • Lewis, P. and Thakur, R., 'Arms Control, Disarmament and the United Nations', <i>Disarmament Forum</i>, no. 1 (2004), pp. 17–28 https://www.peacepalacelibrary.nl/ebooks/files/UNI DIR_pdf-art2016.pdf
Week 5 July 28 & 30	Is the NPT Broken?	<ul style="list-style-type: none"> • Johnson, Rebecca, 'Is the NPT up to the challenge of proliferation?', <i>Disarmament Forum</i> 4/2004, pp. 9–19 • McNamara, Robert S., 'Apocalypse Soon', <i>Foreign Policy</i>, no. 148 ((May/June 2005), pp. 29- 35 • Thakur, Ramesh, Jane Boulden and Thomas Weiss,

		<i>Can the NPT regime be fixed or should it be abandoned?</i> (New York: Friedrich Ebert Stiftung, Dialogue on Globalization Occasional Papers No. 40, October 2008)
Week 6 August 4 & 6	Simulation Session	
Week 7 August 11	Review Class	

RESEARCH PAPER

The research paper assignment is an analytical exercise intended to strengthen the capacity of students to develop and support focused arguments on key issues. They are not a test of everything a student knows on a given subject; nor are they simply an exercise in opinion journalism. They must convey the analytical and scholarly skills expected of advanced level students.

Choose one of the following questions:

- 1- “The most spectacular event of the past half century is one that did not occur. We have enjoyed sixty years without nuclear weapons exploded in anger. What a stunning achievement – or, if not achievement, what stunning good fortune.” Discuss this statement in the context of the Cold War and the nuclear optimist-pessimist debate.
- 2- “Nuclear deterrence has maintained the peace between regional nuclear rivals.” Discuss this with reference to India and Pakistan.
- 3- Is NPT effective? If not, what are the alternative means to better achieve nuclear non-proliferation?
- 4- “The sanction mechanism of the NPT regime can stop or slow a nuclear weapons program.” Give arguments in favour or against this statement with examples.
- 5- What is the future of the Nuclear Ban Treaty?

The research essay should be 12-15 pages long (excluding endnotes and bibliography, size 12 times new roman, doubled spaced). The papers are due on July 23rd. Papers will be submitted via D2L Dropbox.

PARTICIPATION

Students are expected and required to participate actively in seminar discussions. They are also required to complete the assigned reading in advance of each session so that they are able to participate effectively. Participation will be assessed on both the quality and quantity of contributions to class discussions.

POSITION PAPER

In the position paper you will critically analyse the NPT Review Conference and your assigned country’s position to the NPT. Students should write the paper from the perspective of their country’s government. Your Country Position Paper should include:

- **A brief introduction** to your country and its history concerning the NPT;
- **How Has Your State Been Affected?** How the main issues (Disarmament, Nonproliferation, peaceful uses of nuclear energy etc) affect your country;
- **Your country's policies** with respect to those issues and your country's justification for these policies. Explain why your country has acted in a certain fashion historically and why it will continue to follow this course of action. Describe actions taken by your government with regard to the issue. Cite conventions and resolutions that your country has signed or ratified related to the issue;
- **Proposed Solution:** What your country believes should be done to address the issue? What your country would like to accomplish in the review conference? How have the positions of other countries affect your country's position?
- **Conclusion:** a conclusion should be written to restate your country's position and sum up what your country is hoping to achieve in the collective resolution.

The position papers are due on August 6th. Papers will be submitted via D2L Dropbox. Students will present their position papers in the scheduled simulation sessions.

TAKE-HOME FINAL EXAMINATION

This will be an open book exam. The exam will consist of three questions and students will answer one question. It will be issued via email on August 11th and upload on D2L no later than 5pm on August 17th. The answer must take the form of an argumentative essay, and: 1) be approximately 10 pages in length (excluding endnotes and bibliography); 2) be written in 12 point Times New Roman font; and 3) be fully referenced (any reference style is acceptable). Papers exceeding this length will be penalised by half a letter grade per page (or part page) over the maximum, eg an 11-page essay worth an "A" would drop to an "A-" because it is one page too long and a 13-page essay worth an "A" would be awarded a "B" because it is three pages too long. Please note that this is an individual, not a collective, exercise and you are responsible for ensuring that the exam you turn in is your own work.

Writing Statement:

Written assignments are often required in Political Science courses, including this one, and the quality of writing skills, including but not limited to such elements as grammar, punctuation, sentence structure, clarity, citation, and organization, will be taken into account in the determination of grades. Students are encouraged to make use of the services offered through Writing Support Services in the Student Success Centre by contacting them at <http://www.ucalgary.ca/ssc/writing-support>.

GRADE SCALE: The following grading scale will be used:

A+ (91-100)	B+ (77-79)	C+ (67-69)	D+ (55-59)
A (85-90)	B (73-76)	C (63-66)	D (50-54)
A- (80-84)	B- (70-72)	C- (60-62)	F (0-49)

LATE PENALTIES

Late papers, those without an extension granted by the instructor, will be docked 5 percent per day (including weekends). Papers which are more than 7 days late will not be marked and shall receive a mark of 0.

INSTRUCTOR GUIDELINES

Students requiring assistance are encouraged to speak to the instructor during class or their office hours. Should you wish to meet outside of office hours, please telephone or email to make an appointment. It is to the student's advantage to keep such appointments. All meetings will be held virtually.

Email is a common form of communication but it is not always the most effective way of answering student questions. If you cannot make office hours, please request a one on one meeting outside of these hours, to be held virtually.

IMPORTANT POLICIES AND INFORMATION

Supporting Documentation and the Use of a Statutory Declaration

As stated in the University Calendar:

Students may be asked to provide supporting documentation for an exemption/special request. This may include, but is not limited to, a prolonged absence from a course where participation is required, a missed course assessment, a deferred examination, or an appeal. Students are encouraged to submit documentation that will support their situation. Supporting documentation may be dependent on the reason noted in their personal statement/explanation provided to explain their situation. This could be medical certificate/documentation, references, police reports, invitation letter, third party letter of support or a statutory declaration etc. The decision to provide supporting documentation that best suits the situation is at the discretion of the student. Students cannot be required to provide specific supporting documentation, such as a medical note.

Students can make a Statutory Declaration as their supporting documentation (available at ucalgary.ca/registrar). This requires students to make a declaration in the presence of a Commissioner for Oaths. It demonstrates the importance of honest and accurate information provided and is a legally binding declaration. Several registered Commissioners for Oaths are available to students at no charge, on campus. For a list of locations to access a Commissioner for Oaths, visit ucalgary.ca/registrar).

Falsification of any supporting documentation will be taken very seriously and may result in disciplinary action through the Academic Discipline regulations or the Student Non-Academic Misconduct policy.

This statement is accessible at: <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>

Please note that while the form of supporting documentation provided is at the discretion of the student, the instructor has the discretion not to accept the supporting documentation if it does not corroborate the reason(s) given for the exemption/special request.

Absence From a Mid-term Examination:

Students who are absent from a scheduled term test or quiz for legitimate reasons are responsible for contacting the instructor via email within 48 hours of the missed test to discuss alternative arrangements. A copy of this email may be requested as proof of the attempt to contact the instructor. Any student who fails to do so forfeits the right to a makeup test.

Deferral of a Final Examination:

Deferral of a final examination can be granted for reasons of illness, domestic affliction, and unforeseen circumstances, as well as to those with three (3) final exams scheduled within a 24-hour period. Deferred final exams will not be granted to those who sit the exam, who have made travel arrangements that conflict with their exam, or who have misread the examination timetable. The decision to allow a deferred final exam rests not with the instructor but with Enrolment Services. Instructors should, however, be notified if you will be absent during the examination. The Application for Deferred Final Exam, deadlines, requirements and submission instructions can be found on the Enrolment Services website at <https://www.ucalgary.ca/registrar/exams/deferred-exams>.

Appeals:

If a student has a concern about the course or a grade they have been assigned, they must first discuss their concerns with the instructor. If this does not resolve the matter, the student then proceed with an academic appeal. The first step in an academic appeal is to set up a meeting with the Department Head. Appeals must be requested within 15 days of receipt of the graded assignment.

University Regulations:

Students are responsible for familiarizing themselves with the University policies found in the Academic Regulations sections of the Calendar at www.ucalgary.ca/pubs/calendar/current/academic-regs.html.

Student Accommodations:

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/.

Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor.

The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

Plagiarism And Other Forms Of Academic Misconduct:

Academic misconduct in any form (e.g. cheating, plagiarism) is a serious academic offence that can lead to disciplinary probation, suspension or expulsion from the University. Students are expected to be familiar with the standards surrounding academic honesty; these can be found in the University of Calgary calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>. Such offences will be taken seriously and reported immediately, as required by Faculty of Arts policy.

Copyright Legislation:

As stated in the University of Calgary Calendar, Academic Regulations, “students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright and requirements of the copyright act to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.”

<https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf> and <https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>

Freedom of Information and Protection of Privacy (FOIP):

FOIP legislation requires that instructors maintain the confidentiality of student information. In practice, this means that student assignment and tests cannot be left for collection in any public place without the consent of the student. It also means that grades cannot be distributed via email. Final exams are kept by instructors but can be viewed by contacting them or the main office in the Department of Political Science. Any uncollected assignments and tests meant to be returned will be destroyed after six months from the end of term; final examinations are destroyed after one year.

Faculty of Arts Program Advising and Student Information Resources:

For program planning and advice, please consult with the Arts Students’ Centre by calling 403-220-3580 or by email at artsads@ucalgary.ca. You can also visit arts.ucalgary.ca/advising for program assistance.

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625].

Important Contact Information:

Faculty of Arts Undergraduate Students’ Union Representatives

Phone: 403-220-6551

Email: arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca,
arts4@su.ucalgary.ca

Students’ Union URL: www.su.ucalgary.ca

Graduate Students’ Association

Phone: 403-220-5997

Email: askgsa@ucalgary.ca

URL: www.ucalgary.ca/gsa

Student Ombudsman

Phone: 403-220-6420

Email: ombuds@ucalgary.ca

Campus Mental Health Resources:

SU Wellness Centre: <http://www.ucalgary.ca/wellnesscentre/>

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the following resources:

Student Wellness Services:

<https://www.ucalgary.ca/wellness-services/services/mental-health-services>

Campus Mental Health Strategy website: <https://www.ucalgary.ca/mentalhealth/>.