



Department of Political Science

Website: <https://poli.ucalgary.ca/>
(Fall 2022)

POLI 585 L01 Preventing the Spread of Nuclear Weapons

Pre/Co-Requisites: POLI 381

Instructor: Dr. Saira Bano	Lecture Location: SS 117
Phone: 403-220-3869	Lecture Days/Time: Wednesday 5:00 - 7:45pm
Email: sban@ucalgary.ca	
Office: SS 721	Office Hours: Wednesday 4:00-5:00pm
Instructor Email Policy: The best way to communicate is through email. Please note that an explanation of concepts covered in the course cannot be answered on email. Therefore, restrict the use of email to make appointments with the instructor.	

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.

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
Critical Review Article	20%	Due on date topic is discussed
Seminar Participation	10%	Throughout the course
Research Paper	20%	Oct 26
Position Paper	20%	Nov 21
Take Home Exam	30%	Issued Wednesday, December 7 and Due Monday, December 12
Total	100%	

If a student misses a required course component, please get in touch the instructor as soon as possible.

COURSE SCHEDULE & TOPICS

DATE	TOPIC	READINGS
Week 1 Sep 7	Introduction – A Brief History of Weapons of Mass Destruction	<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
Week 2 Sep 14	The Nuclear Nonproliferation Treaty (NPT) and Review Conferences	<ul style="list-style-type: none"> • The Treaty on the non-proliferation of nuclear weapons: commentary and text; accessed at https://www.un.org/disarmament/wmd/nuclear/npt/text/ • 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/UNIDIR_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 3 Sep 21	Why keep them? The 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 2. (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, 14, 15, 16, 17 and 18. (Available online from the University library)

Week 4 Sep 28	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 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 9, 10, 11, 12 and 13. (Available online from the University library)
Week 5 Oct 5	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 6 Oct 12	Why renounce them? The disarming successes	<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 5. (Available online from the University library)
Week 7 Oct 19	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/UNIDIR_pdf-art2016.pdf
Week 8 Oct 26	Nuclear- Weapons-Free Zones	<ul style="list-style-type: none"> • Davis, Zachary S. 1996. "The Spread of Nuclear-Weapon-Free Zones: Building a New Nuclear Bargain." <i>Arms Control Today</i> 26(1): 15-19. • Goldblat, Jozef. 1997. "Nuclear-Weapon-Free-Zones: A History and Assessment." <i>Nonproliferation Review</i> 4(3): 18-32. • Goldblatt, Jozef, "Denuclearization of Central Asia," <i>Disarmament Forum</i> 4/2007, pp. 25–32

		<ul style="list-style-type: none"> Merav Datan, “Nuclear futures for the Middle East: Impact on the goal of a WMD-free zone” <i>Disarmament Forum</i> 2008, No. 2, pp. 21-32.
<p>Week 9 Nov 2</p>	<p>Is the NPT Broken?</p>	<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
<p>Week 10 Nov 9</p>	<p>Reading week</p>	
<p>Week 11 Nov 16</p>	<p>Simulation Session</p>	
<p>Week 12 Nov 23</p>	<p>Simulation Session</p>	
<p>Week 13 Nov 30</p>	<p>Simulation Session</p>	
<p>Week 14 Dec 7</p>	<p>Simulation Session</p>	

Please note that the above schedule is tentative and may change as the need arises.

CRITICAL REVIEW ARTICLE (20%)

Each student will write an article review (4-5 pages) chosen from the list provided by the instructor. Each student will present a summary and analysis of the article in class. The article review is due on the day of the class presentation.

RESEARCH PAPER (20%)

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 paper is due on October 26th.

PARTICIPATION (10%)

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.

POSITION PAPER (20%)

In the position paper you will critically analyze 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 paper is not to exceed ten pages (Double spaced, with size twelve font, times new roman). You should use a minimum 5 sources for your country position paper. One of the sources should be book, an online ebook is acceptable. Another source should be the official statement of your country. Position Papers should start with a header stating the country being represented. The position paper is due on November 21st. Students will present their position papers in the scheduled simulation sessions. The completed position papers will be placed on d2L, so that they are available for all Review Conference participants to read. Therefore, an electronic version of the paper should be submitted.

FINAL EXAMINATION (30%)

Provide the following detailed information

Final Exam	Y
Length	The exam will be issued via email on Wednesday, December 7 and is due on Monday, December 12 by 5pm on D2L Dropbox.
Format	<i>take-home</i>
Type	The exam will consist of three essay questions and students will answer one question. The exam will be cumulative for the whole course.

Aids	This will be an open book exam.
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WRITING STATEMENT

Written assignments are often required in Political Science courses, 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>.

GRADING 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.

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.

Students are welcome to use laptops and other electronic note-taking devices in this course. Please be considerate of others and switch off all cell phones when you enter the classroom. Sending/receiving texts and browsing the Web is extremely disruptive to others and will not be tolerated.

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 Commissioners 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>

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.

Deferred Term Work Form: Deferral of term work past the end of a term requires a form to be filled out by the student and submitted, along with any supporting documentation, to the instructor. The form is available at:

<https://live-ucalgary.ucalgary.ca/sites/default/files/teams/14/deferral-of-term-work-2020.pdf>

Once an extension date has been agreed between instructor and student, the instructor will email the form to the Faculty of Arts Program Information Centre (ascarts@ucalgary.ca) for approval by the Associate Dean.

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>.

Reappraisal of Grades:

For Reappraisal of Graded Term Work, see Calendar I.2

<http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

For Reappraisal of Final Grade, see Calendar I.3

<http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

Academic Misconduct:

Academic Misconduct refers to student behavior that compromises proper assessment of students' academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

Student committing academic misconduct during the final exam will not receive a passing grade for the course.

For information on the Student Academic Misconduct Policy, Procedure and Academic Integrity, please visit: <https://www.ucalgary.ca/pubs/calendar/current/k-3.html>

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.

Recording of Lectures:

Recording of lectures is prohibited, except for audio recordings authorized as an accommodation by SAS or an audio recording for individual private study and only with the written permission of the instructor. Any unauthorized electronic or mechanical recording of lectures, their transcription, copying, or distribution, constitutes academic misconduct. See <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>.

Academic 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. 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 <https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

Research Ethics

Students are advised that any research with human subjects – including any interviewing (even with friends and family), opinion polling, or unobtrusive observation – must have the approval of the Conjoint Faculties Research Ethics Board. In completing course requirements, students must not undertake any human subject research without discussing their plans with the instructor, to determine if ethics approval is required.

Instructor Intellectual Property

Course materials created by instructors (including presentations and posted notes, labs, case studies,

assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Freedom of Information and Protection of Privacy (FOIP) Act:

Personal information is collected in accordance with FOIP. Assignments can only be returned to the student and will be accessible only to authorized faculty and staff. For more information, see <https://www.ucalgary.ca/legal-services/access-information-privacy>

Copyright Legislation:

See the University of Calgary policy on Acceptable Use of Material Protected by Copyright at <https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy> Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Evacuation Assembly Points

In the event of an emergency evacuation from class, students are required to gather in designated assembly points. Please check the list found at <https://www.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points> and note the assembly point nearest to your classroom.

Important Dates:

Please check: <http://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The Arts Students' Centre is your information resource for everything in Arts! Drop in at SS102, call them at 403-220-3580, or email them at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>, which has detailed information on common academic concerns, including program planning and advice.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them in the MacKimmie Tower.

Important Contact Information

Campus Security and Safewalk (24 hours a day/7 days a week/365 days a year)
Phone: 403-220-5333

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

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:

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

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

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