



**DEPARTMENT OF POLITICAL SCIENCE
FACULTY OF ARTS**

**Political Science 502.01
The Politics of Water
Winter 2022**

INSTRUCTOR: Dr. Doreen Barrie
EMAIL: dpbarrie@ucalgary.ca
OFFICE HOURS: Tuesday 2.00 – 4.00 p.m. on Zoom, or by appointment
COURSE DAY/TIME: M 1.00 p.m.-3.45 p.m.
DELIVERY METHOD: In Person
LOCATION: SS055
COURSE PRE-REQUISITES: 3 units in courses labelled Political Science at senior level

COURSE DESCRIPTION

Climate change is having its most serious impact on water, a substance that is essential for life on this planet. This course provides an overview of water issues that drive debates about this finite, irreplaceable and unique resource. Despite its importance, it is taken for granted even as quality and quantity are threatened and a global water crisis looms. The course will explore the political dimensions of water including an overview of global water issues, the nature of governance in Canada and allocation systems employed to manage the resource. The latter will include an analysis of water markets used in jurisdictions like Alberta, California and Australia. An additional component of the material covered will be Indigenous water rights and beliefs on this topic.

The class format includes lectures, guest speakers and documentaries to capture the breadth of the field.

COURSE OBJECTIVES & LEARNING OUTCOMES

Upon successful conclusion of this course, students will have an understanding of modern-day water governance and allocation systems and the challenges facing policy-makers. They will also comprehend the dimensions of global water issues and different ways of addressing and resolving them.

REQUIRED TEXTBOOK

A set of Required Readings will be posted on D2L. Students will also be required to view documentaries and other material as assigned.

COURSE COMPONENT WEIGHTS AND DUE DATES

COMPONENT	WEIGHTING	DUE DATES
Mid Term Exam	20%	February 14
Presentation Participation	15% 5%	
Paper	30%	April 4
Final Exam	30%	
Total	100%	

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

COURSE SCHEDULE

DATE	TOPIC	
Week 1, January 10	The Big Picture –Global Issues	
Week 2 & 3, January 17-24	The National Picture	
	Harrison, “The Constitutional Framework...” Government of Canada, Canada Water Agency, Discussion Paper Government of Canada, “Water Governance...” Pentland & Wood, “The Road...”	
	Documentary: <i>Vanishing</i> Groundwater	
Week 4, January 31	Governance	Nowlan
	and Bakker, “Practising Shared.....” Eva Vogel, “River Basins.....” Kratzner “Trans-boundary water..”	
Week 5, February 7	Water Rights	
	Christensen & Lintner, “Trading Our Common...” Laidlaw, “Water Rights...”	
Week 6, February 14	Mid-Term Exam	

Documentary: A Sacred Relationship
<http://www.sacredrelationship.ca/documentary/>

Week 7, February 21 **Term Break, No Lectures**

Week 8, February 28 **Allocation**

Breviglieri, et al. "Understanding the Emergence..."
Wheeler, et al. "Water Trading in Australia..."

Week 9 & 10, March 7-14 **Presentations**

Week 11 & 12, March 21-28 **The Provincial Picture – Alberta**

Bjorlund, et al. "Exploring the Reluctance..."
Government of Alberta, "Agriculture & Irrigation....."
Christensen and Droitsch, "Fight to the last drop.."

Week 13, April 4 Bakker, "Commons or Commodity"
Helm, "Thirty Years After...."

Week 13, April 12 **Conclusion**

Swyngedouw, "The Political Economy..."

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

ASSIGNMENTS

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 (3rd floor of the Taylor Family Digital Library) or at <http://www.ucalgary.ca/ssc/writing-support>.

RESEARCH PAPER

The paper should be 12-15 double-spaced pages including notes and bibliography, in **Arial 12 point font**, using the APA reference style (see https://ucalgary.ca/ssc/files/ssc/wss_apa_2014.pdf).

The subject of the paper may be drawn from any of the themes covered in the course, but a proposal must be submitted to the Instructor by **January 31, 2022**. The paper must be submitted April 4, 2022.

Requests for extensions due to illness or similar reasons *must be made to the Instructor before the due date and must be supported by suitable documentation. Always keep an electronic backup copy of your paper to ensure against loss or other difficulties.*

Papers submitted late will be penalized by five percentage points (5%) per day (including weekends).

PARTICIPATION

Marks for participation will be awarded for being engaged in all aspects of the course from lectures, attendance at presentations to class discussions. Contributing to the discussion by asking questions and making pertinent comments will earn student's participation marks.

MID-TERM EXAMINATION

The Mid-Term Exam will be a 50-minute exam and the format will be short answer/definition type questions and an essay question.

FINAL EXAMINATION

The final exam will be 90 minutes and will be scheduled by the Registrar during the exam period. The format will be essay-type questions.

GRADING SCALE: The following grading scale will be used:

A+ (98-100)	B+ (80-84)	C+ (65-69)	D+ (53-54)
A (90-97)	B (75-79)	C (60-64)	D (50-52)
A- (85-89)	B- (70-74)	C- (55-59)	F (0-49)

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](https://www.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](https://www.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.

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>.

Reappraisals

The University Calendar states that for reappraisals of graded term work:

“A student who feels that a piece of graded term work (term paper, essay, test, etc.) has been unfairly graded, may have the work reappraised as follows. The student shall discuss the work with the instructor **within ten business days** of being notified about the mark or of the item's return to the class. If not satisfied, the student shall take the matter to the head of the department offering the course **within 2 business days of receiving the decision from the instructor**, who will arrange for a reappraisal of the work **within the next ten business days**. The reappraisal will only be considered if the student provides a detailed rationale that outlines where and for what reason an error is suspected.” See <https://www.ucalgary.ca/pubs/calendar/current/i-2.html>

The University Calendar states that for reappraisal of academic assessments (final grades):

“A student may request a reappraisal of a final grade. The only element that will be considered is the final assessment(s) that makes up the final mark (e.g., final examination, final project, and final paper). The exception is when a grade for a piece of graded term work is made available to students after the last day of classes for the term in which the course is scheduled; that grade may also be considered in a reappraisal of the final grade.”

“A student seeking a reappraisal of a final grade should first attempt to review the final assessment with the department or faculty offering the course. After which the student shall obtain a Reappraisal of Final Grade form from ucalgary.ca/registrar (under Student Forms). The student must indicate exactly what error was made in marking the final assessment and/or in computing the final grade. The reappraisal will only be considered if the student provides a detailed rationale that outlines where and for what reason an error is suspected.” More information is available at: <https://www.ucalgary.ca/pubs/calendar/current/i-3.html>

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.

Required Access to Technology

Please see the University's resource page at

https://ucalgary.service-ow.com/it?id=kb_article&sys_id=86e7438013753ac06f3afb2e144b031

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>

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)

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.

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 www.ucalgary.ca/emergencyplan/assemblypoints and note the assembly point nearest to your classroom.

Faculty of Arts Program Advising and Student Information Resources

For program planning and advice, visit the Arts Students' Centre in Social Sciences 102, call 403-220-3580 or email 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] or visit their office in the MacKimmie Tower, MT 116..

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/>.