



## Department of Political Science

### Political Science 502-S03 The Politics of Water Winter 2023

<b>INSTRUCTOR:</b>	Dr. Doreen Barrie
<b>E-MAIL:</b>	dpbarrie@ucalgry.ca
<b>OFFICE HOURS:</b>	Wednesdays 2.00 to 4.00 on Zoom
<b>LOCATION:</b>	TI 120
<b>LECTURE DAY/TIME:</b>	Tuesday 2.00 – 4.45 p.m.
<b>COURSE PRE-REQUISITES:</b>	60 units including 3 units in courses labelled Political Science at a 300 level or above

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#### **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 course will be an exploration of Indigenous water rights and worldviews 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 that is assigned.

#### **COURSE COMPONENT WEIGHTS AND DUE DATES**

COMPONENT	WEIGHT	DUE DATES
Mid Term Exam	20%	February 14
Diary Project	8%	February 28
Participation	2%	
Presentations	10%	March 7 & 14
Research Paper	30%	April 5
Final Exam	30%	Scheduled by Registrar

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

### COURSE SCHEDULE

All Readings will be available on D2L

DATE	TOPIC
Week 1, Jan.10	Introduction & Overview
Week 2 & 3, Jan.17 -24	<p><b>The Big Picture &amp; Governance Matters</b></p> <p>Carolyn Johns, et al. "Water as a Multiple-Use Resource..."</p> <p>Harrison, "The Constitutional Framework"</p> <p>Bakker, "Commons or Commodity"</p> <p>Documentary: <i>Pumped Dry: Vanishing Ground Water</i></p> <p>Nowlan &amp; Bakker, "Practising Shared Governance"</p> <p>Government of Canada, "Water governance.."</p>
Week 4 Jan. 31	<p><b>Scale Matters</b></p> <p>Government of Canada, Canada Water Agency, Paper</p> <p>Eve Vogel, "River Basins....."</p> <p>Grover &amp; Krantzberg "Trans-boundary water.."</p> <p>Discussion</p>

**Week 5, Feb. 7**                      **Indigenous Matters - Water Rights**

Laidlaw, "Water Rights..."

Wilson, Harris et al. "Water is Medicine..."

**Week 6, Feb. 14**                      **Mid-Term Exam (50 Minutes)**

Documentary: A Sacred Relationship

<http://www.sacredrelationship.ca/documentary/>

**Allocation Matters**

Christensen & Lintner, "Trading Our Common..."

Breviglieri, et al "Understanding the Emergence..."

**Week 7, Feb.21**                      **Term Break**

**Week 8, Feb.28**                      **Markets**

Dellapenna, "Markets for Water

Wheeler, et al. "Water Trading in Australia..."

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

**Week 10, March 21**                      **The Provincial Picture**

Bjorlund, et al. "Exploring the Reluctance..."

Christensen and Droitsch, "Fight to the last drop.."

**Week 11, March 28**                      Government of Alberta, "Agriculture & Irrigation....."

Brownsey, "Enough for Everyone..."

**Week 12, April 4**                      Bakker, "Commons or Commodity"

Helm, "Thirty Years After...."

**Week 13, April 11**                      **Conclusion**

Swyngedouw, "The Political Economy..."

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

## ASSIGNMENTS

### 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](https://ucalgary.ca/ssc/files/ssc/wss_apa_2014.pdf))

The subject of the paper may be drawn from any of the material covered in the course, but a proposal **must be approved** by the Instructor by January 31, 2023. The deadline for the paper is April 5, 2023.

### LATE PENALTIES

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 and responses to documentaries. Contributing to the discussion by asking questions and making pertinent comments will earn students participation marks.

### MID-TERM EXAMINATION

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

### FINAL EXAMINATION

The Final Exam will be scheduled by the Registrar. It will be in-class, with a duration of 90 minutes. It will be in essay format.

### 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+ (96-100)	B+ (80-84)	C+ (65-69)	D+ (53-54)
A (90-95)	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.

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**

#### **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/P22\\_deferral-of-term-work\\_lapseGrade.pdf](https://live-ucalgary.ucalgary.ca/sites/default/files/teams/14/P22_deferral-of-term-work_lapseGrade.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](mailto: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 1.2*

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

*For Reappraisal of Final Grade, see Calendar 1.3*

<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.

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/student-accommodation-policy>

### **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](mailto: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](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca),  
[arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)  
Students' Union URL: [www.su.ucalgary.ca](http://www.su.ucalgary.ca)

Graduate Students' Association  
Phone: 403-220-5997  
Email: [askgsa@ucalgary.ca](mailto:askgsa@ucalgary.ca)  
URL: [www.ucalgary.ca/gsa](http://www.ucalgary.ca/gsa)

Student Ombudsman  
Phone: 403-220-6420  
Email: [ombuds@ucalgary.ca](mailto: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/>.