

UC Merced - Fall 2018 - POLI 190 Water Politics - MWF 2:30pm-3:20pm

About POLI 190 - Fall 2018

Meeting Times

MWF 2:30-3:20pm COB2-175

Course Website

<https://catcourses.ucmerced.edu/courses/11446>

Professor Josh Franco, Ph.D.

<http://www.joshfranco.com/>

jfranco@ucmerced.edu

209-580-5674

Office Hours: MWF 1:00pm-2:00pm COB2-386 or by appointment

Course Description

The process, power, and purpose of water politics at the individual, local, state, national, and international level, with special attention on California.

Course Prerequisites

Open only to standing(s): Sophomore, Junior, Senior. Pass/No Pass option.

Important Academic Year 2018-2019 Dates

<http://registrar.ucmerced.edu/schedules/academic-calendar/academic-calendar-2018-2019>

UC Merced Undergraduate Political Science Program Learning Outcomes (PLOs)

PLO #1:

An understanding of the processes, theories, and empirical regularities of political institutions and political behavior in the student's chosen emphasis area: American politics, comparative politics, or international relations.

PLO #2:

An ability to employ critical thinking and demonstrate social scientific literacy, including basic quantitative literacy.

PLO #3:

A capacity to utilize contemporary social science research methods to conduct rigorous research on political phenomena.

PLO #4:

Effective written communication skills, especially the ability to convey complex concepts and information in a clear and concise manner.

PLO #5

An ability to apply abstract theory and research methods to understand contemporary political events and public policies.

POLI 190 Course Learning Outcomes (CLOs)

CLO #1:

Scaffolding the student's knowledge, abilities, and skills related to the process, power, and purpose of water politics at the individual, local, state, national, and international level, with special attention on California and western North America.

This CLO advances PLO #1

CLO #2:

Strengthening the student's capability to read political science journal articles by identifying and analyzing the following parts of an article:

the main point of the article & the question the article seeks to answer

the puzzle (gap in current knowledge) the article is trying to fill

the debate (at least two sides) the article is entering in and siding with

the theory's assumptions, conceptual variables and relationships

the hypothesis(es) derived from the theory

the research design, such as the groups, how they are assigned to groups, the main independent variable and dependent variable

empirical analysis used (qualitative or quantitative)

policy (real-world) implications of findings

contribution to the discipline & directions for future research

This CLO advances PLO #1, PLO #2, and PLO #3

CLO #3:

Increasing the student's capacity to cooperate and work in teams by being a productive member of a journal article analysis team, and/or public policy project team, and/or a simulation team.

This CLO advances PLO #5

CLO #4:

Building the student's competency to learn the role and practice the specific responsibilities of a data analyst, geographic information systems analyst, policy (regulatory, legislative, and/or judicial) analyst, communications analyst, or project manager, within a public policy project team, so as to prepare them for employment opportunities in these or related fields.

This CLO advances PLO #2, POL #4, and PLO #5

CLO #5:

Enhancing the student's ability to speak in public by presenting the synthesis of their analysis of political science journal articles, and/or the work of their public policy project teams, and/or participate in a simulation.

This CLO advances PLO #2 and PLO #4

Course Policies

Class Attendance

I believe attendance is important because showing up and being present is integral to our life. As a university student, it is important that you attend course because it strengthens your connection with your peers, the professor and understanding of the materials. As discussed later, I do take attendance and it accounts for a portion of your overall grade. Additionally, much of the material will be presented only in class, and it will be difficult to do well on assignments and the final exam if you do not attend.

Electronic Devices

Please turn off cell phones and mute the volume on other electronic devices. No audio, video, or photographic recording of lectures is allowed without prior consent of the instructor.

Laptops

Laptop computers are to be used for note-taking only, unless the professor explicitly says otherwise. Any "off task" use of laptops (i.e. chatting, social networking, emailing) during class will be frowned upon, may result in you being considered "absent" from class, and potentially being banned from using your laptop in future class sessions.

Missing Class

Make ups are allowed only with a valid excuse, such as a doctor-excused illness, a family emergency, or a documented conflict with another university-sanctioned activity. If you know you will have such a conflict, please email me as soon as practicable.

Changes to the Syllabus

The schedule in this syllabus is largely settled; however, I reserve the right to make changes to the schedule or to other aspects of the course discussed in the syllabus. Any such changes will be announced in class and an updated syllabus noting version number will be uploaded to CatCourses. Each student is responsible for being aware of such changes.

Student Conduct and Academic Honesty Policy

You are responsible for your personal, academic, and professional conduct. Additionally, academic honesty is of critical importance at all institutions of higher education, especially research universities. Visit the UC Merced Student Conduct website and review the UCM Academic Honesty Policy.

Home Student Conduct

UCM Academic Honesty Policy

Disability Services

The American with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. UC Merced is committed to make our courses accessible to all students, including students with limited mobility, impaired hearing or vision, and learning disabilities. If you believe you have a special need or a disability requiring an accommodation, please contact the Disability

Services Center at (209) 228-6996 or Email: disabilityservices@ucmerced.edu. The Disability Services Center is at SSB 230.

<http://disabilityservices.ucmerced.edu/>

Counseling and Psychological Services

The mission of UC Merced Counseling and Psychological Services (CAPS) is to support the mental health and well-being of our students. It is the intention of all CAPS staff to provide a safe, confidential atmosphere of acceptance and accessibility to professionals in the field of psychology. Services specialize in the unique needs of UC Merced students in an effort to promote their academic, personal and social development.

<https://counseling.ucmerced.edu/>

Writing

The Writing Center is a UC Merced Library and Merritt Writing Program (MWP) initiative to support all stages of the writing and research process. Our goal is to support undergraduates in WRI courses who want to develop as writers.

<http://library.ucmerced.edu/research/students/writing-center>

Sexual Harassment

UC Merced's policies and codes of conduct spell out the rights and responsibilities of students and employees in ensuring that UC Merced is a safe environment, and how the University addresses reports of sexual violence and sexual harassment.

<http://dsvp.ucmerced.edu/policies-laws>

Course Drop

The UC Merced Office of the Registrar has a webpage that links to the deadlines for a given semester or academic year. You are responsible for knowing the drop dates for the given semester or academic year. As course instructor, I do not have the power to drop a student.

<http://registrar.ucmerced.edu/schedules/deadlines>

SONA

Students are encouraged to participate in SONA. For more information, visit

<https://ucmerced.sona-systems.com/default.aspx>.

Extra Credit

No extra credit will be offered in this course.

Readings

Required

Carle, D. (2016). Introduction to water in California. Oakland, California, University of California Press.

Feldman, D. L. (2017). Water politics : governing our most precious resource. Cambridge, UK ; Malden, MA, Polity.

See Course Schedule for Additional Readings

Recommended for All

- Hundley, N. (2001). *The great thirst : Californians and water -a history*. Berkeley, University of California Press.
- Reisner, M. (1993). *Cadillac desert : the American West and its disappearing water*. New York, N.Y., U.S.A., Penguin Books.
- Conca, K. (2018). *The Oxford handbook of water politics and policy*. New York, NY, Oxford University Press.
- Danver, S. L. and J. R. Burch (2011). *Encyclopedia of water politics and policy in the United States*. Washington, D.C., CQ Press.

Recommended for Analysts Roles

- Policy (Regulatory, Legislative, Judicial) Analyst: Kraft, M. E., & Furlong, S. R. (2013). *Public policy : politics, analysis, and alternatives* (4th ed.). Los Angeles: SAGE Publications.
- GIS Analyst: Law, M., & Collins, A. (2016). *Getting to know ArcGIS Pro*. Esri Press.
- Data Analyst: Hamilton, L. C. (2012). *Statistics with Stata: version 12*. Cengage Learning.
- Communications Analyst: Lankow, J., et al. (2012). *Infographics : the power of visual storytelling*. Hoboken, N.J., John Wiley & Sons, Inc.

Grading

Grade Posting

All grading will be posted to CatCourses in a timely fashion
Final Grades will be uploaded to CatCourses no later than Tuesday, December 18, 2018 (at noon)

Grading Policy

- A+: 100% to 98.0%
- A: < 98.0% to 94.0%
- A-: < 94.0% to 90.0%
- B+: < 90.0% to 87.0%
- B: < 87.0% to 83.0%
- B-: < 83.0% to 80.0%
- C+: < 80.0% to 77.0%
- C: < 77.0% to 73.0%
- C-: < 73.0% to 70.0%
- D+: < 70.0% to 67.0%
- D: < 67.0% to 63.0%
- D-: < 63.0% to 60.0%
- F: < 60.0% to 0.0%

Grade Dispute and Resolution

If you have a concern regarding your grade, please contact me directly via email or visit me during office hours so we can discuss your concern and resolve it.

POLI 190 - Fall 2018 - Assignments and Assessments

Class Attendance - 20%

48 Class Periods

We have 47 fifty-minute periods of class and one final exam period of class.

You will be automatically marked "Present" for Labor Day, Veterans Day, Non-Instructional Day, and Thanksgiving Holiday.

Measuring Attendance

I will take attendance during each class via Course Website

Present: If you attend class, you are marked "present" and this positively affects your grade.

Unmarked: If you notified me prior to class of your absence, your attendance for the day is "unmarked" and does not negatively or positively affect your grade. However, this reduces your overall denominator.

For example, if you are "unmarked" 8 of the 48 total days I take attendance, this means your attendance grade is calculated based on 40 days instead of 48 days.

While this may seem beneficial, what happens is that if you are late or absent, then it weighs more heavily against you.

For example, a student who is absent 1 of 48 days will receive a 97.9% out of 100%.

However, a student who is absent 1 of 40 days will receive a 97.5% out of 100%.

Late: If you did not notify me prior to class that you would be late, you are marked "late" and this negatively affects your grade.

Absent: If you did not notify me prior to class that you would not be present, you are marked "absent" and this negatively affects your grade.

Grading

Each day of attendance is worth at least 0.416% of your overall grade.

Journal Article Analysis Team - 20%

About

Journal Article Analysis Teams are groups of students who read journal articles and analyze them. Teams are responsible for identifying ten parts of a journal article: title, main point and question, puzzle, debate, theory, hypotheses, research design, empirical analysis, policy implications, and contribution to the discipline and future research.

Assessments

Journal Article Analysis #1

Journal Article Analysis #2 and Oral Presentation

Workbook

Download JAA Workbook on Course Website for complete Instructions

Public Policy Project Team - 20%

About

Public Policy Project Teams are groups of students who identify a public problem to focus on. Teams are responsible for identifying the causes, effects, and solutions to the identified public problem. Each student assumes one of four analyst roles: Data Analyst, Geographic Information Systems Analyst, Policy Analyst, or Communications Analyst. These analysts work together to produce a presentation that is orally presented before their peers.

Assessments

Reflections
Oral Presentation
Post-Oral Presentation Reflection

Workbook

Download PPP Workbook on Course Website for complete Instructions

Simulation - 20%

About

Simulations of real-world institutions, processes, and behaviors help you apply what you are learning

Assessments

Participation
Discussion Posts
Reflections

Workbook

Download SIM Workbook on Course Website for complete Instructions

Quizzes - 10%

About

There are 20 Lectures, which are also called Learning Units, in the course. 18 of the 20 Learning Units has a quiz associated with it. Quiz questions are drawn from the same Question Bank as the Final Exam.

If you do not attempt to complete the quiz during the designated week, you will not have access to the quiz questions or answers. This means you will not have a tool to help you prepare for the final exam.

Assessments

18 Quizzes which have 5-20 questions

Schedule

Quizzes will be available during the interval starting Sunday, 12:01am and close Saturday, 11:59pm corresponding to the week when Learning Unit occurs.

After Saturday, at 11:59pm, the quiz will close and no longer be available to attempt.

Grading

You will have up to three attempts to earn the highest score possible.

Final Exam - 10%

About

Final Exams allow me to more objectively assess and you to further display your command of the course materials and achievement of Course Learning Outcomes.

Assessments

100 Question Examination

The Final Exam is scheduled for Week 17 during the designated Final Exam date/time/location. You should anticipate needing the entire 3-hour period to complete the exam.

The Final Exam is proctored in-class. You are not allowed to take the final exam outside of class or during another time, unless you scheduled otherwise with the professor in advance.

Laptop Requirement: Exam will be conducted on Course Website and completed using your laptop. Therefore, you will need to bring your laptop.

Paper in Lieu of Laptop: If you do not have access to a laptop, a paper copy of the exam can be provided. Please notify the Instructor via email 7 days before the Final Exam that you will need a paper copy.

Each question is worth 1 point.

Questions will be multiple choice, multiple-response, true-false, matching, and fill-in-the-blank.

Questions will be drawn from lectures, books, readings, JAA presentations, PPP presentations, and simulations.

Preparation for Final Exam

- Attending All Meeting Periods
- Completing Assigned Reading
- Attending Lectures, Taking Notes
- Attempting Learning Unit Quizzes
- Completing JAA, PPP, and SIM

POLI 190 - Fall 2018 - Course Schedule

W#	Date	Learning Unit	Books	Journal Articles
1	Wednesday, August 22, 2018	Introductions		
1	Friday, August 24, 2018	Course Overview and Words You Need To Know	Carle Chapter 1	Syllabus
2	Monday, August 27, 2018	Tragedy and Opportunity		Ostrom, E. (2008). Tragedy of the Commons. New York, Palgrave Macmillan.

UC Merced - POLI 190 Water Politics: Fall 2018 - MWF 2:30pm-3:20pm

W#	Date	Learning Unit	Books	Journal Articles
2	Wednesday, August 29, 2018	Why Water Politics Matters	Feldman Chapter 1	Ellison, B. A. (1998). "The advocacy coalition framework and implementation of the endangered species act: A case study in western water politics." Policy Studies Journal 26(1): 11-29.
2	Friday, August 31, 2018	Teams: JAA, PPP, SIM		
3	Monday, September 3, 2018	Holiday - Labor Day		
3	Wednesday, September 5, 2018	PPP 1	Carle Chapter 2	
3	Friday, September 7, 2018	SIM 1		
4	Monday, September 10, 2018	Watersheds	Carle Chapter 3	Woolley, J. T., and M. V. McGinnis. 1999. "The politics of watershed policymaking." Policy Studies Journal 27 (3):578-94. Hughes, S., D. M. Runfola, and B. Cormier. 2018. "Issue Proximity and Policy Response in Local Governments." Review of Policy Research 35 (2):192-212.
4	Wednesday, September 12, 2018	PPP 2		
4	Friday, September 14, 2018	SIM 2		
5	Monday, September 17, 2018	Water in Sideways California 1	Carle Chapter 4	California Constitution, Article X and Article X-A
5	Wednesday, September 19, 2018	PPP 3		
5	Friday, September 21, 2018	SIM 3		
6	Monday, September 24, 2018	Water in Sideways California 2	Carle Chapter 5	Bakker, K. (2014). "The Business of Water: Market Environmentalism in the Water Sector." Annual Review of Environment and Resources, Vol 39 39(1): 469-494.
6	Wednesday, September 26, 2018	PPP 4		
6	Friday, September 28, 2018	SIM 4		
7	Monday, October 1, 2018	Contested Waters: The Politics of Water Supply	Feldman Chapter 2	Kiparsky, M., et al. (2014). "Potential Impacts of Climate Warming on Water Supply Reliability in the Tuolumne and Merced River Basins, California." PLoS One 9(1): e84946. Rautanen, S. L., and P. White. 2018. "Portrait of a successful

UC Merced - POLI 190 Water Politics: Fall 2018 - MWF 2:30pm-3:20pm

W#	Date	Learning Unit	Books	Journal Articles
				small-town water service provider in Nepal's changing landscape." <i>Water Policy</i> 20 (S1):84-99.
7	Wednesday, October 3, 2018	PPP 5		
7	Friday, October 5, 2018	SIM 5		
8	Monday, October 8, 2018	Clean, Green, and Costly: Water Quality	Feldman Chapter 3	Byrne, P., et al. (2018). "Water quality impacts and river system recovery following the 2014 Mount Polley mine tailings dam spill, British Columbia, Canada." <i>Applied Geochemistry</i> 91: 64-74. Allaire, M., H. Wu, and U. Lall. 2018. "National trends in drinking water quality violations." <i>Proc Natl Acad Sci U S A</i> 115 (9):2078-83.
8	Wednesday, October 10, 2018	PPP 6		
8	Friday, October 12, 2018	SIM 6		
9	Monday, October 15, 2018	The Water-Energy-Food Nexus	Feldman Chapter 4	Bazilian, M., et al. (2011). "Considering the energy, water and food nexus: Towards an integrated modelling approach." <i>Energy Policy</i> 39(12): 7896-7906. Pardoe, Joanna, Declan Conway, Emilina Namaganda, Katharine Vincent, Andrew J. Dougill, and Japhet J. Kashaigili. 2017. "Climate change and the water–energy–food nexus: insights from policy and practice in Tanzania." <i>Climate Policy</i> 18 (7):863-77.
9	Wednesday, October 17, 2018	PPP 7		
9	Friday, October 19, 2018	SIM 7		
10	Monday, October 22, 2018	Drought, Flood, and Everything In-Between	Feldman Chapter 5	Lopez-Morales, C. A. and M. A. Mesa-Jurado (2017). "Valuation of Hidden Water Ecosystem Services: The Replacement Cost of the Aquifer System in Central Mexico." <i>Water</i> 9(8): 571. Bishop, B. H. (2013). "Drought and Environmental Opinion a Study of Attitudes toward Water Policy." <i>Public Opinion Quarterly</i> 77(3): 798-810.
10	Wednesday, October 24, 2018	Water Rights and Water Wrongs	Feldman Chapter 6	Grantham, T. E. and J. H. Viers (2014). "100 years of California's water rights system: patterns, trends and uncertainty." <i>Environmental Research Letters</i> 9(8): 084012. Sugg, Zachary. 2018. "An Equity Autopsy: Exploring the Role of Water Rights in Water Allocations and Impacts for the Central Valley Project during the 2012–2016 California Drought." <i>Resources</i> 7 (1):12.

UC Merced - POLI 190 Water Politics: Fall 2018 - MWF 2:30pm-3:20pm

W#	Date	Learning Unit	Books	Journal Articles
10	Friday, October 26, 2018	International Cooperation	Feldman Chapter 7	Wolf, A. T. (2007). "Shared waters: Conflict and cooperation." Annual Review of Environment and Resources 32(1): 241-269.
11	Monday, October 29, 2018	PPP Oral Presentations		
11	Wednesday, October 31, 2018	PPP Oral Presentations		
11	Friday, November 2, 2018	PPP Oral Presentations		
12	Monday, November 5, 2018	SIM 8		
12	Wednesday, November 7, 2018	SIM 9		
12	Friday, November 9, 2018	SIM 10		
13	Monday, November 12, 2018	Holiday - Veterans Day		
13	Wednesday, November 14, 2018	Water Conflicts	Feldman Chapter 8	Petersen-Perlman, J. D., et al. (2017). "International water conflict and cooperation: challenges and opportunities." Water International 42(2): 105-120.
13	Friday, November 16, 2018	Tapping into Toilets: New Sources of Water	Feldman Chapter 9	Amrose, S., et al. (2015). "Safe Drinking Water for Low-Income Regions." Annual Review of Environment and Resources 40(1): 203-231. Hui, I., and B. E. Cain. 2018. "Overcoming psychological resistance toward using recycled water in California." Water and Environment Journal 32 (1):17-25. Li, Tongzhe, Jill J. McCluskey, and Kent D. Messer. 2018. "Ignorance Is Bliss? Experimental Evidence on Wine Produced from Grapes Irrigated with Recycled Water." Ecological Economics 153:100-10.
14	Monday, November 19, 2018	Water in the American West		Pitt, J., et al. (2017). "It takes more than water: Restoring the Colorado River Delta." Ecological Engineering 106(B): 629-632.
14	Wednesday, November 21, 2018	Holiday - Thanksgiving		
14	Friday, November 23, 2018	Holiday - Thanksgiving		
15	Monday, November 26, 2018	Water in the San Joaquin Valley		G., S. R., et al. (2017). "Estimating the permanent loss of groundwater storage in the southern San Joaquin Valley, California." Water Resources Research 53(3): 2133-2148.

UC Merced - POLI 190 Water Politics: Fall 2018 - MWF 2:30pm-3:20pm

W#	Date	Learning Unit	Books	Journal Articles
15	Wednesday, November 28, 2018	Water in Merced		http://www.mercedirwmp.org/ https://www.co.merced.ca.us/2798/Sustainable-Groundwater---SGMA
15	Friday, November 30, 2018	Toward a Water-Sensitive Future	Feldman Chapter 10	Ennenbach, M. W., P. C. Larrauri, and U. Lall. 2018. "County-Scale Rainwater Harvesting Feasibility in the United States: Climate, Collection Area, Density, and Reuse Considerations." Journal of the American Water Resources Association 54 (1):255-74.
16	Monday, December 3, 2018	JAA Presentations		
16	Wednesday, December 5, 2018	JAA Presentations		
16	Friday, December 7, 2018	JAA Presentations		
17	Wednesday, December 12, 2018	Final Exam: 8:00am-11:00am in COB2-175		
17	Friday, December 14, 2018	Final Grades Uploaded		