

1. WSM 605: Arid Water Resources Issues Seminar

2. Class Times & Credits Hours: Tuesday and Thursday 9am to 10:15am in Gerald Thomas Hall 338
(3 credit hours)

3. Instructor: Dr. Kenneth C. Carroll
Office: Skeen Hall, Rm. N336
Office phone number: 575-646-5929
Email: kccarr@nmsu.edu
Office hours: by appointment or drop in

4. Required Reading:
Readings will be put in reserve in library, on Canvas, and/or distributed in class.

5. Course Information:

a. Course Description: The course will cover various issues of relevance to water resources and water supply management within the Southwest US and other semiarid and arid regions. Discussions may include development and sustainability, climate change and drought, socioeconomic and cultural, and transboundary issues. Student input is encouraged to define discussion topics, which may also mirror student's research areas. Students will also be trained on literature review and citation, research presentation, and the development of research proposals and publications.

b. Prerequisites: -
No specific courses required, but must be graduate student.

c. General Policies: Attendance is mandatory. Class participation is encouraged and may help decide borderline grades. Excused absences require notification submitted to the instructor prior to class. Students will contribute to critical reviews, discussions, literature reviews, discussions, and presentations. Course participants must write an original research paper based on a literature review that is conceptualized, researched, orally presented in class (with feedback from the instructor and fellow students), and finalized as part of the course. Also, the results of their research project will be reported in a proposal (term project).

6. Course Goals:

a. Outcomes of instruction: The primary objective of this seminar is for students to become familiar with current issues and problems facing water supply sustainability in arid regions. Another objective is for students to learn critical thinking, problem solving, and reporting skills. Through discussions, critical reviews, literature review, report writing, and research presentations students to learn research, problem solving, teaming, interpersonal communication, presentation, and reporting skills. An added benefit is the development of written and oral communication skills that will help graduate students complete the degree program in a timely fashion, and help them successfully communicate after completing the degree requirements.

b. Student Outcomes:

- An ability to conduct literature review research
- An ability to develop a research proposal
- An ability to critically review published works
- An ability to engage in discussion and debate

- An ability to communicate effectively (both oral and written)
- The broad education necessary to understand the impact of water resources solutions in a global, economic, environmental, and societal context
- A recognition of the need for, and an ability to engage in life-long learning
- Knowledge of contemporary issues in water resources in the Southwest US and other arid lands.

7. Grading:

- Homework/Assignments 15%
- Attendance (Quizzes) and Participation 10%
- Term Project Paper (Literature Review and Proposal) 30%
- Term Project Presentation 30%
- Final Exam 15%

Overall Score	Grade
90-100	A
80-89	B
70-79	C
60-69	D
<60	F

Any assignments turned in late will receive grade reductions, and assignments turned in more than 1 week late will not be graded.

8. Additional Information:

Academic Integrity: It is expected that students will maintain the highest degree of academic integrity and honesty. Students are expected to complete their own work to the best of their ability, and you are required to be familiar with university policies and procedures in the current NMSU Undergraduate Catalog. Policies and procedures for dealing with such cases are detailed in the Student Handbook

<http://www.nmsu.edu/~vpsa/SCOC/index.html>. An explanation of plagiarism can be found here:

<http://lib.nmsu.edu/plagiarism/>. Please see the Student Code of Conduct in The Student Handbook:

<http://deanofstudents.nmsu.edu/student-handbook/1-student-code-of-conduct/> and pay particular attention to “III.B. Academic Misconduct.” Academic misconduct will not be tolerated and will result in severe penalties including an F in the class.

Student Accessibility Services

If you have, or believe you have, a disability and would benefit from accommodations, you may wish to self-identify. Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact:

Trudy Luken, Director Student Accessibility Services (SAS) - Corbett Center, Rm. 244

Phone: (575) 646-6840 E-mail: sas@nmsu.edu

Website: <http://sas.nmsu.edu/>

NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on discrimination issues, Title IX, Campus SaVE Act, NMSU Policy Chapter 3.25, NMSU's complaint process, or to file a complaint contact: Gerard Nevarez, Title IX Coordinator Agustin Diaz, Title IX Deputy Coordinator

Office of Institutional Equity (OIE)-O'Loughlin House, 1130 University Avenue

Phone: (575) 646-3635 E-mail: equity@nmsu.edu

Website: <http://eeo.nmsu.edu/>

Other NMSU Resources:

NMSU Police Department: (575) 646-3311 www.nmsupolice.com

NMSU Police Victim Services: (575) 646-3424

NMSU Counseling Center: (575) 646-2731

NMSU Dean of Students: (575) 646-1722

For Any On-campus Emergencies: 911

If you are already registered with the SSD office and need accommodations please provide your "Accommodation Memo" from the SSD within the first two weeks of class.

Non-Discrimination Policy

NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct, sexual violence, sexual harassment and retaliation. For more information on discrimination issues, Title IX or NMSU's complaint process contact:

Office of Institutional Equity (OIE) - O'Loughlin House

Phone: 646.3635 E-mail: equity@nmsu.edu

Website: <http://www.nmsu.edu/~eeo/>

Disclaimer

The instructors reserve the right to modify the course schedule or other aspects of the syllabus during the semester as considered necessary to achieve course objectives. Any necessary changes to the syllabus (or to the course schedule) will be announced in class and you are responsible for being aware of them.