

PTRM 485

Recreation Planning

Spring 2022 / 3 Credits

Forestry Building 305

Tuesdays and Thursdays 9:30 – 10:50 AM



Children protesting a master plan's development at Fort Sumter and Fort Moultrie National Historical Park

Instructor: Dr. Will Rice

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1. Introduction

Increasingly, planning for wildland recreation opportunities occurs in highly politicized settings. In these settings, a variety of interest groups vie and compete for allocation of scarce resources. This course is designed to develop the conceptual background needed to participate and eventually lead recreation planning processes in an era of turbulence. This background includes understanding various wildland recreation planning frameworks, the role of the public in planning processes, relevant federal environmental planning policies, predominant recreation conditions within wildland settings that require consideration, and management strategies for achieving desired planning goals.

2. Course Objectives

Students successfully completing this course should:

- Be able to describe the importance of planning in providing optimal recreational conditions and ecological wellbeing;
- Be able to define each of the five predominant wildland recreation planning frameworks;
- Be able to articulate the pros and cons of each of the five predominant wildland recreation planning frameworks;
- Be able to outline the NEPA planning process as it relates to wildland recreation resource development;
- Be able to define at least one agency-specific planning policy for each of the four major federal land management agencies;
- Be able to articulate the pros and cons of direct and indirect management, and provide examples of when each approach is appropriate;
- Be able to assess the distributive justice of a planned recreation opportunity allocation strategy;
- Be able to work together with stakeholders to meet a compromised agreement in order to allocate scarce recreation opportunities in a politically-charged environment;
- Be able to articulate the importance of actionable data in selecting desired conditions and establishing indicators and thresholds.

3. Course Structure

Class time will be divided between lectures and discussion. Students are expected to complete readings prior to the class meeting to which they are assigned and be prepared to participate in class discussions. As a result, participation will be tracked and is mandatory.

Please understand that the COVID-19 pandemic requires us to remain highly flexible, and thus the meeting locations and class formats listed in the syllabus are tentative and may change. **Please check your email and Moodle before leaving for class each day.**

4. Course Texts and Media

There is no required textbook for this course. We will be using online class readings and media selections during class. Students are expected to have read the required readings before class *and* to bring them to class (when assigned). These readings and media selections are REQUIRED, if you fail to stay current, you will fall behind in class as well as on the assignments.

5. Grading

Grades will be based on the stakeholder project, the Mt. Jumbo project, two activities, and class participation. Participation and attendance will be taken into consideration when formulating final grades. If you do not attend class, do not expect a good grade.

Extra credit opportunities will be given throughout the semester.

Grades will be determined as follows:

Stakeholder Project	250 pts.	Final Grade = % of total points (700)	
Research Brief Assignment (20 pts.)		Percentage	Grade
Photo Choice Assignment (20 pts.)		>93%	A
Carrying Capacity Assignment (20 pts.)		90-93%	A-
Dam Alternatives Assignment (20 pts.)		88-89%	B+
Video Assignment (20 pts.)		83-87%	B
Participation (150 pts.)		80-82%	B-
Jumbo Project	280 pts.	78-79%	C+
Research Question Presentation (28 pts.)		73-77%	C
Group Literature Review (56 pts.)		70-72%	C-
Research Question Modifications (28 pts.)		68-69%	D+
Survey Presentation (42 pts.)		63-67%	D
Ethics Training (28 pts.)		60-62%	D-
Reflection on four hours of surveying (28 pts.)		Below 60%	Let's Chat
Final One-page Research Brief and Presentation of Research Brief (70 pts.)			
2 Activities (10 pts. each)	20 pts.		
Participation	150 pts.		
Total Points	700 pts.		

6. Assignments and other Graded Work

Stakeholder Project

(250 points)

Due: See Moodle

Throughout the semester, we will be learning about how to effectively plan for high quality outdoor recreation experiences while meeting stakeholder needs and minimizing impacts to natural environments. Additionally, we will be hearing from a number of outdoor recreation professionals about their experiences planning in the recreation context. Some of these presentations will examine the Rattlesnake National Recreation Area and Wilderness, specifically. In turn, we will apply what we learn about recreation planning theory and practice from regular lectures, assigned readings, guest lecturer presentations, and small-group discussions to a series of mock stakeholder meetings and related assignments focused on the Rattlesnake area. Through the course of four stakeholder meetings, we will determine varying recreation-related elements of a hypothetical recreation plan for the Rattlesnake area.

Each student will be assigned to a specific stakeholder group, with a unique special interest in the Rattlesnake area's recreation plan. Along with your group, you will advocate for management outcomes, thresholds, and recreation allocation you desire. While part of your grade will be determined by the performance of your group, the majority will be determined by your individual performance. Five assignments will compose 100 points of this 250 point project, with the remaining 150 points deriving from your level of participation within your group. See Moodle for the specific due dates of each of these assignments and the dates of the stakeholder meetings.

In & Out of Class Activities

(20 points total)

There will be two in-class activities that may take time out of class to complete. These are in-class assignments can be hand-written, however, you are still expected to do a thorough and thoughtful job. Students must be in class the day the assignment is given to receive credit, unless discussed with the instructor PRIOR to that day.

Mt. Jumbo Project**(280 points total)****Due: See Moodle**

Students will work in combined Forestry-PTRM groups of 4-5 students to gather and analyze data to assist the City of Missoula in current/upcoming planning efforts that consider the interaction between vegetation management efforts and public recreation on city-managed open space lands on Mt. Jumbo.

Participation**(150 points)**

Students are expected to attend and participate in class. Notes will not be posted on Moodle or any other internet forum, therefore students are expected to take notes and participate in class and small group discussion. Being present at class, but not participating will result in a significantly low participation score. Use of cell phones and disruptive electronic devices is your decision but such use is discouraged while in class – if you are noticeably unengaged in class your participation score will be impacted.

7. Course Policies

- Students are responsible for attending all classes (or viewing content via Moodle), taking notes, and obtaining other materials provided by the instructor, taking tests, and completing assignments as scheduled by the instructor.
- Students are responsible for their own education. The instructor will not be monitoring or policing how you choose to allocate your mental bandwidth during class. Use of laptops and cell phones will not be monitored unless they interfere with class participation. That said, if you choose to use your laptop to partake in activities beyond taking lecture notes, please sit in the back of the classroom to avoid distracting others.
- Plagiarism and cheating on exams will be taken very seriously and will be disciplined with consultation with the PTRM program chair and academic integrity officer. If students plagiarize or cheat the instructor reserves the right to give them a zero on the assignment or exam and/or fail them for the course. It is the student's responsibility to make sure they are familiar with University policies governing academic integrity.
- Please orient yourself with Moodle page. The course site contains course materials (readings) and will be used to communicate updates and announcements. Students should check their email and the Moodle page regularly.
- Students are responsible for keeping track of changes in the course syllabus made by the instructor throughout the semester.
- Behaviors that disrupt other students' learning are not acceptable (arriving consistently late, social conversation during class, leaving consistently early)
- Late assignments policy: All assignments (other than In-class/take-home assignments that count toward the participation grade) must be submitted before the class period begins on the due date. Due dates are as stated on the individual assignment descriptions as posted on Moodle and/or in this syllabus.
 - If an assignment is submitted within 48-hours of the original due date and time, 10% will automatically be deducted;
 - After the 48-hour period, late assignments submitted up to 7 days from the original due date and time will have 50% automatically deducted;
 - Beyond 7 days from the original due date and time, a 0 will be assigned to the missing assignment.
- Exams and in-class activities/assignments must be completed in the classroom on the dates they are assigned. Failure to attend class on these dates will result in a zero for that particular assignment (unless excused through proper documentation – see below). Students who arrive late to class on these days will not be given extra time to complete these requirements.
- Requests for taking exams or submitting assignments after the due dates require official documentation of such events such as illness, family emergency or a University-sanctioned activity.
- Students must contact the instructor as soon as possible if they anticipate missing multiple classes due to events such as chronic illnesses, travel related University activities, or other University activities. In the case of an absence due to a University-sanctioned event, students should make prior arrangements to miss class, assignments, and exams by emailing the instructor, Will Rice

(will.rice@mso.umt.edu) at least one week in advance to document their absence. For University sanctioned events, official University documentation must be provided with this request in order to make up a missed exam or assignment. The instructor will determine the minimal attendance and participation required in order to meet course responsibilities.

- Keep all copies of returned assignments.
- Students are responsible for monitoring their grades.

Note: I will always find time to assist students outside of class regarding assignments, course material, advising, grades, or any other matter related to class or UM. Please talk to me during the semester if you're stuck on an assignment, unclear about a topic, concerned about your grade, etc. I check my email throughout the day, so please feel free to do so whenever you have a question. Don't wait until the end of the semester, or the day an assignment is due to see me if you're having difficulties early on.

8. Tentative Schedule

Week	Date	Topic	Readings/Videos/Podcasts
1	Introduction		
	T 1/18	Course introduction	None
	TH 1/20*	Why is recreation planning a thing? Why is forest planning a thing?	Recreation Planning - Meinecke
2	Recreation Planning Frameworks		
	T 1/25*	<i>Representatives from the City of Missoula come to class to present about management of Mt. Jumbo</i>	
	TH 1/27	Carrying Capacity	An Assessment of Frameworks Useful for Public Land Recreation Planning (pp. 31-43) Elinor Ostrom – Planet Money (podcast)
3	T 2/1*	<i>Jumbo Group work – Create Research Questions</i>	
	TH 2/3	Recreation Opportunity Spectrum	An Assessment of Frameworks Useful for Public Land Recreation Planning (pp. 43-65)
4	T 2/8*	<i>City comes to class again – Groups present their research questions to the City</i>	
	TH 2/10	Limits of Acceptable Change	An Assessment of Frameworks Useful for Public Land Recreation Planning (pp. 66-100)
5	T 2/15*	Guest Lecture: Travis Belote, The Wilderness Society	
	TH 2/17	Outcomes Focused Management	What is Outcomes-Focused Management? - Driver
6	T 2/22	Group Prep for Stakeholder Meeting #1	Comparing cultural ecosystem service delivery in dykelands and marshes using Instagram – Chen et al.
	TH 2/24	Stakeholder Meeting #1 <i>Determining outcome-standards</i>	None
7	T 3/1*	<i>Jumbo Group Work-day</i>	
	TH 3/3	NEPA	The National Environmental Policy Act (video/puppetshow)
	Mid-term exam due 3/4 at 11:59 PM on Moodle		
8	T 3/8*	<i>Jumbo Groups present final survey items to City</i>	
	TH 3/10	Other major policy considerations	Wilderness Management (Chapter 8)
9	T 3/15	Group Prep for Stakeholder Meeting #2	Defining and Managing the Quality of Wilderness Recreation Experiences (pp. 16-29)

	TH 3/17	Stakeholder Meeting #2 <i>Determining capacity-standards</i>	<i>None</i>
10	T 3/22	<i>Spring Break</i>	<i>None</i>
	TH 3/24	<i>Spring Break</i>	<i>None</i>
11	T 3/29*	Data Collection Prep	
	TH 3/31*	Guest Speaker TBD*** Morgan V.	
12	T 4/5	Group Prep for Stakeholder Meeting #3	
	TH 4/7	Stakeholder Meeting #3 <i>Dam removal</i>	<i>None</i>
13	<i>Management Strategies</i>		
	T 4/12*	Guest Lecture: Jenn Hensiek, Lolo National Forest	
	TH 4/14	Direct and Indirect Management	Defining and Managing the Quality of Wilderness Recreation Experiences (pp. 30-41)
14	T 4/19	Stakeholder Group Video Workday	<i>None</i>
	TH 4/21	Stakeholder Meeting #4 <i>Final Allocation</i>	<i>None</i>
15	T 4/26*	<i>Jumbo Group Workday</i>	<i>None</i>
	TH 4/28	Allocation Efficacy	Rationing Wilderness Use: Methods, Problems, and Guidelines – Stankey & Baden Idealism versus pragmatism in user evaluations of allocation systems – Shelby et al.
16	T 5/3*	<i>Jumbo Groups give final presentations to the City</i>	
	TH 5/5*	Course De-Brief (First half with FORS, second half with just PTRM)	
Final Exam: TBA			

9. Course Resources and University Policies

COVID-19 Policies (per the Office of the Provost):

- **Mask use is required within the classroom**
- **Not wearing a mask in classrooms is a violation of the Student Code of Conduct**
- If you feel sick and/or are exhibiting COVID-19 symptoms, please don't come to class and contact the Curry Health Center at (406) 243-4330.
- If a you require a COVID-related accommodation in order to safely attend, you should contact the Office of Disability Equity (ODE) (formerly Disability Services for Students). ODE will work with you and your advisor.
- If you are required to isolate or quarantine, you will receive support in the class to ensure continued academic progress.
- UM recommends students get the COVID-19 vaccine. Please direct your questions or concerns about vaccines to Curry Health Center.
- Where social distancing (maintaining consistent 6 feet between individuals) is not possible, specific seating arrangements will be used to support contact tracing efforts.
- Class attendance and seating will be recorded to support contact tracing efforts.
- Drinking liquids and eating food is discouraged within the classroom.

Statement on safety: I expect that students, TAs, and I will follow all UM safety protocols (including disinfecting their workspace and equipment, using hand sanitizers, and using masks properly for all inside and outside class activities). Please contact Office of Disability Equity for either an accommodation to be completely remote for the semester or for any safety protocol modification you may need (*depending on the needs we may or may not be able to accommodate the modification without requesting that you*

complete the class remotely). **If students decide not to follow all safety protocols, I will immediately adjust our F2F activities and transition towards full remote learning for the entire class.**

This is for your safety, the TA's safety, as well as mine to minimize any risk of transmission. Secondary contacts of asymptomatic people will likely occur for all of us whether through work, socializing, or school. Working to reduce transmission increases the probability that we all stay healthy, be able to maintain all F2F activities planned, and the better the class will be for all. That said, I will be prepared to have all assignments able to be completed remotely if needed, so if you are feeling sick or have been exposed please follow the UM Policy. Please let me know and I will excuse or allow you to make up any participation points or any points from F2F activities.

If you feel uncomfortable with any proposed activity or as UM cases increase, please reach out and we can accommodate more remote learning through the rest of the semester. Again, this is a novel and ever changing landscape so mutual respect, honest and early communication, and flexibility is needed for us to have a successful semester.

Students with Disabilities: Access is a civil right. Programs at the University must be readily accessible to and usable by people with disabilities. The University is not barrier-free. However, reasonable modifications will be made to guarantee program access. All modifications' requests will be given due process and consideration. Students can file a grievance when they have been denied or have limited participation in the benefits of any program based solely on a disability.

Students are encouraged to discuss their concerns with their Office of Disability Equity coordinator or with the director. If the grievance is not resolved informally or a student wishes to pursue a formal complaint or grievance, the following options are available:

- **Report barriers by using the [online barrier report](#).** This method does not constitute a formal complaint or grievance. The University will attempt to follow up in a timely manner as the information provided permits.
- **Contact the [Americans with Disabilities Act \(ADA\) Team](#).** Bernadine Gantert (Co-Chair) at 406.243.5306 and Lucy France (Interim Co-Chair) at 406.243.6786.

University Standards for Academic Conduct:

(for a full list of regulations and procedures please see the [Student Conduct Code](#))

Students at the University of Montana are expected to practice academic honesty at all times. Academic misconduct is subject to Academic Penalty (or penalties) by the course instructor and/or University Sanction(s) by the University through the Provost and Vice Provost for Academic Affairs. Academic misconduct is defined as all forms of academic dishonesty, including but not limited to:

1. **Plagiarism:** Representing another person's words, ideas, data, or materials as one's own.
2. **Misconduct during an examination or academic exercise:** Copying from another student's paper, consulting unauthorized material, giving information to another student, collaborating with one or more students without authorization, or otherwise failing to abide by the University or instructor's rules governing the examination or academic exercise without the instructor's permission.
3. **Unauthorized possession of examination or other course materials:** Acquiring or possessing an examination or other course materials without authorization by the instructor.
4. **Tampering with course materials:** Destroying, hiding, or otherwise tampering with source materials, library materials, laboratory materials, computer equipment or programs, or other course materials.
5. **Submitting false information:** Knowingly submitting false, altered, or invented information, data, quotations, citations, or documentation in connection with an academic exercise.

6. **Submitting work previously presented in another course:** Knowingly making such submission in violation of stated course requirements.
7. **Improperly influencing conduct:** Acting calculatedly to influence an instructor to assign a grade other than the grade actually earned.
8. **Substituting, or arranging substitution, for another student during an examination or other academic exercise:** Knowingly allowing others to offer one's work as their own.
9. **Facilitating academic dishonesty:** Knowingly helping or attempting to help another person commit an act of academic dishonesty, including assistance in an arrangement whereby any work, classroom performance, examination activity, or other academic exercise is submitted or performed by a person other than the student under whose name the work is submitted or performed.
10. **Altering transcripts, grades, examinations, or other academically related documents:** Falsifying, tampering with, or misrepresenting a transcript, other academic records, or any material relevant to academic performance, enrollment, or admission, or causing falsification or misrepresentation of any of the above.

Penalties for academic misconduct

Depending on the severity of the academic misconduct, a student may incur one or more of the following penalties:

1. **Academic Penalty(ies) by the Course Instructor:** The student may receive a failing or reduced grade in an academic exercise, examination, or course, and/or be assigned additional work which may include re-examination.
2. **University Sanction(s):** The University may also impose a sanction that exceeds the academic penalty. Sanctions (c) through (f) require administrative review and approval by the Provost and Vice Provost for Academic Affairs:
 - a. **Disciplinary Warning:** The student is warned that further misconduct may result in more severe disciplinary sanctions.
 - b. **Disciplinary Probation:** The student is warned that further misconduct may result in suspension or expulsion. Conditions may be placed on continued enrollment for a specified period of time.
 - c. **Suspension:** The student is separated from the University for a specified period of time and may also be excluded from participation in any University-sponsored activity.
 - d. **Expulsion:** The student is permanently separated from the University and may also be excluded from any University-owned and/or -controlled property or events.
 - e. **Denial of a Degree:** A degree is not awarded.
 - f. **Revocation of a Degree:** A previously awarded degree is rescinded.

Behavioral Policies: Faculty members at the University of Montana have the independent authority to exclude a student from any class session in which the student displays disruptive behavior that threatens the learning environment and/or safety and well-being of others in the classroom.

1. If circumstances warrant dismissal from a class session for behavior reasons, the faculty member should contact the Student Conduct Officer immediately following the class to discuss the situation and make a determination about whether Student Conduct Code charges will be initiated.

2. The student remains eligible to return to the next class session.
3. The faculty member maintains the authority to remove the student from any future class session during which the student is disruptive.
4. The student may be suspended permanently from a class upon recommendation of the Dean of the college or school offering the class in accordance with the disciplinary procedures outlined in the "General Conduct" section of this Code.

This syllabus is subject to change. We will follow the schedule outlined in this document to the best of our ability, but adjustments may have to be made due to unforeseen factors, including weather. Remaining in the course after reading this syllabus will signify that you accept the possibility of changes and responsibility for being aware of these changes. These changes, should they occur, will be discussed during class periods, and sent out via email or Moodle.

Notes or Important Changes:
