

Ecological Basis for Natural Resources Management (NRES 151) Lab Syllabus

Location: TNR 153
Instructor: Dr. Jered Studinski
Office: TNR 184, office hours M/T/Th 9-10 am

Time: Monday 1:00-2:50 pm
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Description: Basic principles of ecology and application of those principles to the management of natural resources.

Learning outcomes: To gain hands-on experience with techniques and methods used by natural resource scientists, including data collection and analysis, field techniques, report writing, data visualization, library resources, and teamwork.

Grading: The lab portion constitutes 40% of your NRES 151 grade. The tentative schedule below indicates the approximate point values for each graded activity.

Attendance policy: Attendance is expected, and you will not do well if you miss class. There may be points associated with lab participation and missed labs will translate into missed points on quizzes, assignments, and the exam. If you must be absent, please tell me why *before* the absence, unless it is an emergency. Only with an excused absence (e.g., death of a family member, serious illness, hospitalization) will I allow you to make up or nullify any missed quizzes, exams, activities, etc.

Electronic devices: Put your phone away and talk to people around you. Pay attention to the lecture, take good notes, and ask questions. Be an active participant in your education. Taking notes on tablets and laptops is discouraged as research suggests it harms your course performance and the performance of those around you. However, if you must take notes electronically, please sit at the edges or back of the classroom if possible.

Tentative schedule of NRES 151 lab activities and their approximate point values:

Dates	Topics (points)	Location
Sept. 6-9	No lab	
Sept. 11-15	Introduction to lab. Launch CT 1.	Meet in lab
Sept. 18-22	Introduction to hypotheses and experimental design (3), begin competition study. CT 1 due (5), launch CT 2.	Meet in lab
Sept. 25-29	Schmeeckle field trip (3), community structure, diversity, vegetation, and litter invertebrates. CT 2 due (5).	Meet in lab
Oct. 2-6	Processing invertebrates, data analysis, and interpretation of diversity (10).	Meet in lab
Oct. 9-13	Assessing water quality, field trip to the Plover River.	Meet in lab
Oct. 16-20	Data analysis and interpretation of aquatic invertebrates (5)	Meet in lab
Oct. 23-27	Reading a scientific paper, summarizing sections (5). Launch CT 3.	Meet in lab
Oct. 30-Nov 3	Library exercise, making an argument in an introduction. CT 3 due (4). Launch library assignment.	Meet in lab
Nov. 6-10	Species concept, methods discussion. Library exercise due (8). Launch CT 4.	Meet in lab
Nov. 13-17	Collect experimental data, graphing in Excel. CT 4 due (8). Launch CT 5a and 5b.	Meet in lab
Nov. 20-24	No lab, Thanksgiving break	
Nov. 27- Dec. 1	Population growth and the wolves of Isle Royale (5). CT 5a (14) and 5b (12) due.	Meet in computer lab
Dec. 4-8	Keystone predator lab (5). Final papers due (20).	Meet in computer lab
Dec. 11-15	Lab final (16)	Meet in lab

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Title IX: UW-Stevens Point is committed to fostering a safe, productive learning environment. Title IX and institutional policy prohibit discrimination based on sex, which includes harassment, domestic and dating violence, sexual assault, and stalking. If you choose to disclose information about having survived sexual violence, including harassment, rape, sexual assault, dating violence, domestic violence, or stalking, and specify that this violence occurred while a student at UWSP, federal and state laws mandate that I, as your instructor, notify the Title IX Coordinator/Office of the Dean of Students. Please see the information on the Dean of Students webpage for information on making confidential reports of misconduct or interpersonal violence, as well as campus and community resources available to students.
Dean of Students: <https://www.uwsp.edu/DOS/sexualassault/Pages/default.aspx>
Title IX page: <https://www.uwsp.edu/hr/Pages/Affirmative%20Action/Title-IX.aspx>

Disability and Accommodations: In accordance with federal law and UW System policies, UWSP strives to make all learning experiences as accessible as possible. If you need accommodations for a disability (including mental health, chronic or temporary medical conditions), please visit with the Disability and Assistive Technology Center to determine reasonable accommodations and notify faculty. After notification, please discuss your accommodations with me so that they may be implemented in a timely fashion.
DATC contact info: datctr@uwsp.edu; 715/346-3365; 609 Albertson Hall, 900 Reserve Street

FERPA: The Family Educational Rights and Privacy Act (FERPA) provides students with a right to protect, review, and correct their student records. Staff of the university with a clear *educational need to know* may also have to access to certain student records. Exceptions to the law include parental notification in cases of alcohol or drug use, and in case of a health or safety concern. FERPA also permits a school to disclose personally identifiable information from a student's education records, without consent, to another school in which the student seeks or intends to enroll.

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Reporting Incidents of Bias/Hate: It is my intent that students from all diverse backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that the students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: gender identity, sexuality, disability, age, socioeconomic status, ethnicity, race, nationality, religion, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally, or for other students or student groups.
If you have experienced a bias incident (an act of conduct, speech, or expression to which a bias motive is evident as a contributing factor regardless of whether the act is criminal) at UWSP, you have the right to report it: <https://www.uwsp.edu/dos/Pages/Anonymous-Report.aspx>. You may also contact the Office of the Dean of Students directly at dos@uwsp.edu. Diversity and College Access is available for resources and support of all students: <https://www.uwsp.edu/dca>.

Clery Act: The US Department of Education requires universities to disclose and publish campus crime statistics, security information, and fire safety information annually. Statistics for the three previous calendar years and policy statements are released on or before October 1st in our Annual Security Report. Another requirement of the Clery Act is that the campus community must be given timely warnings of ongoing safety threats and immediate/emergency notifications. For more information about when and how these notices will be sent out, please see our Jeanne Clery Act page at <https://www.uwsp.edu/dos/clery>.

The Drug Free Schools and Communities Act (DFSCA) requires institutions of higher education to establish policies that address unlawful possession, use, or distribution of alcohol and illicit drugs. The DFSCA also requires the establishment of a drug and alcohol prevention program. The Center for Prevention lists information about alcohol and drugs, their effects, and the legal consequences if found in possession of these substances.
Center for Prevention – DFSCA: <https://www.uwsp.edu/dos/aoda-ipv/Pages/dfsc.aspx>

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Online teaching: Lecture materials and recordings for this course are protected intellectual property at UW-Stevens Point. Students in this course may use the materials and recordings for their personal use related to participation in this class. Students may also take notes solely for their personal use. If a lecture is not already recorded, you are not authorized to record my lectures without my permission unless you are considered by the university to be a qualified student with a disability requiring accommodation. [Regent Policy Document 4-1] Students may not copy or share lecture materials and recordings outside of class, including posting on internet sites or selling to commercial entities. Students are also prohibited from providing or selling their personal notes to anyone else or being paid for taking notes by any person or commercial firm without the instructor's express written permission. Unauthorized use of these copyrighted lecture materials and recordings constitutes copyright infringement and may be addressed under the university's policies, UWS Chapters 14 and 17, governing student academic and non-academic misconduct.