

NRES 151 Lab Syllabus - Ecological Basis for Natural Resource Management

Spring 2021

Important Note: This syllabus, along with course assignments and due dates, are subject to change. It is the student's responsibility to check Canvas for corrections or updates to the syllabus. Any changes will be clearly noted in a course announcement or through email.

Section: 3 TH 9:00AM-10:50AM TNR 153/157/online

Instructor: Sophie Demchik
E-mail: sdemchik@uwsp.edu

Virtual Office Hours: No set hours. If you need help, email me and I will set up a time via Zoom.

Goal: To reinforce concepts introduced in lecture through hands-on experience with measurement and data collection, preparation of technical reports, use of library resources, use of computer models, and development of critical thinking skills.

At the end of this course, you will be able to:

1. Take measurements and collect data.
2. Write scientific reports.
3. Use library resources that pertain to your field.
4. Use and understand computer models.
5. Think critically.

CONDUCT: An environment of respect and cooperation is expected during this lab. Comments, questions, and discussions are encouraged, but disruptive behavior will not be tolerated.

ACADEMIC INTEGRITY: Academic dishonesty in any form will not be tolerated. You will adhere to the Student Academic Standards outlined in Chapter UWS 14 of the Wisconsin Administrative Code (<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>). Cheating or plagiarism related to any of the course assessments will result in a score of zero for that assessment.

SPECIAL NEEDS: I will be glad to help if you need special accommodations to succeed in this lab. Please see me as soon as possible if you require special accommodations due to physical limitations, a learning disability, or other issues.

FIELD TRIPS: Field trips will go regardless of the weather (except for extreme weather, such as wind or tornado warnings), so be sure to dress accordingly.

GRADING: Your overall grade for this course will be based on performance in both lecture and lab. Out of a total of 100 points for the course, 60 points are available in lecture and 40 points are available in lab.

The **Lab Report** is submitted as a **Word document** (.docx) in Canvas.

Quiz dates are given in the lab schedule at the end of this syllabus.

The Lab Final is taken during your lab time the week of May 10-14.

Lab Points Breakdown:

Library Exercise	5 points
Lab Report	10 points
Quizzes (4 x 2.5 pts each)	10 points
<u>Lab Final</u>	<u>15 points</u>
Total Lab Points	40 points

Face Coverings:

- At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

Other Guidance:

- Please monitor your own health each day using [this screening tool](#). If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).

- As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.

Student Expectations:

In this course you will be expected to complete the following types of tasks.

- communicate via email
- download and upload documents to Canvas
- read documents online
- view online videos
- complete quizzes/tests online

Course Structure:

This course will be delivered mostly or entirely online through the course management system Canvas.

You will use your UWSP account to login to the course from the [Canvas Login Page](#). If you have not activated your UWSP account, please visit the [Manage Your Account](#) page to do so.

NRES 151 – Tentative Laboratory Schedule
Spring 2021

Date	Topic	Location
Jan 25-29	Introduction to lab and scientific method	Online
Feb 1-5	Begin greenhouse competition study	Online
Feb 8-12	Library exercise (due Feb 19)	Online
Feb 15-19	Population growth and wolves of Isle Royale	Online
Feb 22-26	Species concept Quiz 1 (due Feb 26)	Online
Mar 1-5	Keystone Predator	Online
Mar 8-12	Succession: Intermediate Disturbance Hypothesis	Online
Mar 15-19	Conclude greenhouse experiment. Graphing in EXCEL Quiz 2 (due Mar 19)	Online
Mar 22-26	Spring Break	Spring Break
Mar 29 – Apr 2	Lab Report updates and check-in Lab Report due Apr 2	Online
Apr 5-9	Community Structure	Meet at Schmeckle Reserve
Apr 12-16	Sampling vegetation and litter invertebrates	Meet at Schmeckle Reserve
Apr 19-23	Data analysis and interpretation of biotic diversity Quiz 3 (due Apr 23)	Online
Apr 26-30	Biotic index for assessing water quality of Plover River	FIELD TRIP: Plover River
May 3-7	Data analysis and interpretation of aquatic invertebrates Quiz 4 (due May 7)	Online
May 10-14	Lab Final	Online

Section	Time	Day	Room	Instructor
1	TBD	TBD	online	Matthew Hanneman
2	TBD	TBD	online	Tj Boettcher
3	9-10:50AM	Thursday	TNR 153/157	Sophie Demchik
4	10-11:50AM	Monday	TNR 153/157	Diane Lueck
5	10-11:50AM	Wednesday	TNR 153/157	Macayla Greider
6	10-11:50AM	Friday	TNR 153/157	Nathan Kluge
7	1-2:50PM	Monday	TNR 153/157	Dr. James Cook
8	1-2:50PM	Wednesday	TNR 153/157	Macayla Greider
9	2-3:50PM	Tuesday	TNR 153/157	Nathan Kluge