

NRES 151 Lab Syllabus - Ecological Basis for Natural Resource Management

Fall 2020

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: 2 Tu 9:00AM-10:50AM TNR 153/157/online

Section: 9 TH 3:00PM-4:50PM TNR 153/157/online

Instructor: Sophie Demchik

E-mail: sdemchik@uwsp.edu

Virtual Office Hours: TBA

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, 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: Those of you in the hybrid lab will be out in the field for two labs. 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 due one week after your section's *greenhouse concluding lab (Nov 2-6)*, as a **Word document** (.docx) submitted in Canvas.

Your lab **Professionalism** grade includes your participation and conduct during labs.

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 Dec 7-11.

Lab Points Breakdown:

Library Exercise	5 points
Lab Report	8 points
Quizzes (4 x 2.5 pts each)	10 points
Professionalism	2 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
Fall 2020

Dates	Topic	Location
Sept 2-4	No Lab	
Sept 7-11	Introduction to lab and greenhouse competition study	Online
Sept 14-18	Community structure and soil survey Sampling vegetation and litter invertebrates	Meet at Picnic Shelter FIELD TRIP: Schmeeckle Reserve
Sept 21-25	Data analysis and interpretation of biotic diversity (Quiz 1)	Online
Sep 28-Oct 2	Succession: Intermediate Disturbance Hypothesis	Online
Oct 5-9	Biotic index for assessing water quality of Plover River	Meet Outside TNR
Oct 12-16	Data analysis and interpretation of aquatic invertebrates (Quiz 2)	Online
Oct 19-23	Library exercise	Online
Oct 26-30	Population Growth and Wolves of Isle Royale Library Exercise Due	Online
Nov 2-6	Conclude greenhouse experiment. Graphing in EXCEL (Quiz 3)	Online
Nov 9-13	Species concept and Squirrel Mapper	Online
Nov 16-20	Foraging behavior Lab report due	Online
Nov 23-25	NO LAB-THANKSGIVING	
Nov 30-Dec 4	Keystone Predator (Quiz 4)	Online
Dec 7-11	Lab Final	Online
Dec 14-18	Finals Week	

Section	Time	Day	Room	Instructor
1	8-9:50AM	Thursday	TNR 153/157	Nathan Kluge
2	9-10:50AM	Tuesday	TNR 153/157/online	Sophie Demchik
3	9-10:50AM	Friday	TNR 153/157	Nathan Kluge
4	TBD	TBD	online	Sabine Berzins
5	12-1:50PM	Tuesday	TNR 153/157	William Konieczki
6	1-2:50PM	Monday	TNR 153/157	Dr. Jered Studinski
7	1-2:50PM	Wednesday	TNR 153/157	Matthew Hanneman
8	TBD	TBD	online	Sabine Berzins
9	3-4:50PM	Thursday	TNR 153/157/online	Sophie Demchik