

# Wildlife Techniques



## Co-instructors:

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## Teaching Assistant:

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**Office Hours:** By appointment only

**Class Meeting:** Saturdays, 8am – 12pm in SPEA (PV) 273

**Course Description:** Wildlife Techniques is designed to provide students interested in wildlife management with a broad overview of the methods and tools used by wildlife professionals. We will discuss the weaknesses and strengths of each technique and evaluate the choices we make when we utilize a toolset. By the end of the semester, students will have been exposed to a suite of wildlife management tools and will be able to think critically about how and why these tools are employed.

**Course Context:** E461 is an elective course in the O'Neill BSPA, the O'Neill/COAS BSES, and the O'Neill/COAS BAESS. The corresponding graduate course, E561, is an elective course in the O'Neill MSES and MES programs.

**Prerequisites:** SPEA-E 272 or H 316 (undergraduates only); any biology course (all students)

**Required Text:** All text will be provided in PDF format.

**Broad Learning Outcomes:**

- Students will be familiar with a variety of fish and wildlife management techniques.
- Students will have the ability to choose the appropriate fish and wildlife management tools based on species characteristics and desired outcomes.

**Grading Policy:**

*Undergraduates:*

- Practical Exams (2 total, 200 pts each) 400 pts
- Field Journal Notes 200 pts
- Participation and Attendance 100 pts
- Final Project 200 pts
- Fieldwork Participation 100 pts

*Graduates:*

- Practical Exams (2 total, 200 pts each) 400 pts
- Field Journal Notes 200 pts
- Mentorship and Leadership 100 pts
- Final Project 200 pts
- Fieldwork Participation 100 pts

1000 - 900 points = A; 899 - 800 points = B; 799 - 700 = C; 699 - 600 = D; 599 - 0 = F

**Practical Exams:** Details for exams will be provided in class.

**Field Journal Notes:** In the wildlife field, it is important to take meticulous notes. For this class, your journal will include an entry for each class. Each day will be broken up into two sections: 1) An overview of what was learned during class and 2) your reflection about what was learned.

**Participation and Attendance:** All undergraduate students are allowed to miss one class period without penalty, provided they can demonstrate that they read the literature assigned for that day. Participation grades for undergraduates will be based on asking questions, responding to questions, or visiting your professors during office hours.

**Mentorship and Leadership:** An important component of succeeding as a graduate student is developing the ability to communicate clearly and to teach others. Graduate students will be expected to mentor undergraduate students during field activities and be excellent leaders by setting good examples.

**Fieldwork Participation:** Several classes will require work outside of the lab. Participation in these field events is critical to understanding the techniques covered in class. Each student will be graded on their general willingness to engage with fieldwork activities.

**Final Project:** Details of this project will be covered in class.

**Late Withdrawal:** The auto-W deadline is NO LONGER THE LAST DAY OF CLASS (as it was during and post-Covid). After the auto-W deadline, withdrawal will be significantly limited, and you will need permission to withdraw and must meet requirements established by O'Neill.

**Tentative Course Calendar:** Activities are subject to change depending on factors such as weather, availability of tools, and participation in opportunistic wildlife events which pertain to the class.

31 August: Introduction to Wildlife Management

07 September: Live Trapping Small Mammals

14 September: Tracks and scat

21 September: Hatchery Tour and Fish Stocking Techniques

28 September: Free Fishing Day, Griffy Lake

05 October: Midterm

12 October: Fall Break

19 October: Radio Telemetry

26 October: Methods in Herpetology

02 November: Wildlife Disease Investigations (One Health Day)

09 November: TBD

16 November: Final Project Presentations

23 November: Final Project Presentations

30 November: **Thanksgiving**

07 December: Careers in Wildlife Management Panel

14 December: **Final Exam**

**Disability Services for Students:** Every attempt will be made to accommodate students with disabilities that have established their eligibility with the university. All accommodation will be confidential. Please contact the Disability Services for Students if you need accommodation.

Disability Services for Students can be located at <http://disabilityservices.indiana.edu> or by phone at 812-855-7578. The office is located on the third floor, west tower, of the Wells Library, Room W302. Walk-ins are welcome 8 AM to 5 PM, Monday through Friday. Please note: Make arrangements as soon as possible if you have not already done so because the alternatives are not retroactive. If you fail to make arrangements before an assignment is due, for example, the assignment will still be considered late after arrangements are made.

**Counseling and Psychological Services (CAPS):** Contact one of us or the Health Center as early as possible, if needed: IU Health Center is located at corner of North Jordan Avenue and East 10th Street with free parking for patients behind the clinic (General Info: 812-855-4011, Medical Appointments: 812-855-7688). For information about services offered to students by CAPS: <http://healthcenter.indiana.edu/counseling/index.shtml>

TimelyCare: Indiana students have free, 24/7 access to virtual mental health care services with TimelyCare. Students do not need insurance to access TimelyCare services. <https://www.iu.edu/mental-health/find-resources/timely-care.html#0>

**Religious Observation:** In accordance with the Office of the Dean of Faculties, any student who wishes to receive an excused absence from class must submit a request form available from the Dean of Faculties for each day to be absent. This form must be presented to the course instructor by the end of the second week of this semester. A separate form must be submitted for each day. The instructor will fill in the bottom section of the form and then return the original to the student. Information about the policy on religious observation can be found at the following website: <https://policies.iu.edu/policies/aca-59-accommodation-religious-observances/index.html>

**O'Neill School expectations of civility and professional conduct:** The O'Neill School takes matters of honesty and integrity seriously because O'Neill is the training ground for future leaders in government, civic organizations, health organizations, and other institutions charged with providing resources for the public, and for members of society who are vulnerable and who are lacking in power and status. Precisely because O'Neill graduates tend to rise to positions of power and responsibility, it is critical that the lessons of honesty and integrity are learned early. O'Neill requires that all members of its community – students, faculty, and staff – treat others with an attitude of mutual respect both in the classroom and during all academic and nonacademic activities outside the classroom. A student is expected to show respect through behavior that promotes conditions in which all students can learn without interruption or distraction. These behaviors foster an appropriate atmosphere inside and outside the classroom:

Students are expected to attend class regularly and to be prepared for class.

Students must be punctual in their arrival to class and be present and attentive for the duration of the class. Eating, sleeping, reading the newspaper, doing work for another class, wandering in and out of the classroom, and packing up or leaving class early are not civil or professional behaviors.

- Students must abide by the course policy regarding use of electronic devices in the classroom.
- Students must responsibly participate in class activities and during team meetings.
- Students must address faculty members, other students, and others appropriately and with respect, whether in person, in writing, or in electronic communications.
- Students must show tolerance and respect for diverse nationalities, religions, races, sexual orientations, and physical abilities.
- Students must not destroy or deface classroom property nor leave litter in the classroom.

**Note Selling:** Several commercial services have approached students regarding selling class notes/study guides to their classmates. Selling the instructor's notes/study guides in this course is not permitted. Violations of this policy will be reported to the Dean of Students as academic misconduct (violation of course rules). Sanctions for academic misconduct may include a failing grade on the assignment for which the notes/study guides are being sold, a reduction in your final course grade, or a failing grade in the course, among other possibilities. Additionally, you should know that selling a faculty member's notes/study guides individually or on behalf of one of these services using IU email, or via Canvas may also constitute a violation of IU information technology and IU intellectual property policies; additional consequences may result.

**Materials:** The faculty member teaching this course holds the exclusive right to distribute, modify, post, and reproduce course materials, including all written materials, study guides, lectures, assignments, exercises, and exams. While you are permitted to take notes on the online materials and lectures posted for this course for your personal use, you are not permitted to re-post in another forum, distribute, or reproduce content from this course without the express written permission of the faculty member. Any violation of this course rule will be reported to the appropriate university offices and officials, including to the Dean of Students as academic misconduct.

**Academic Integrity:** As a student at IU you are expected to following the guidelines listed in the Code of Student Rights, Responsibilities, & Conduct which

you may read in its entirety at the following website: <http://studentcode.iu.edu/>. This page outlines not only your responsibilities as a student, but also your rights as a student and the proper way to maintain those rights. It is in your best interest to read this site if you have not already done so.

- Main plagiarism web site: <http://www.indiana.edu/~istd/>
- Self-test: <http://www.indiana.edu/~tedfrick/plagiarism/item1.html>

All submitted assignments will be subject to a plagiarism check. On the first plagiarism offense, students will receive a failing grade for the class – this is the most severe consequence that is still within the guidelines of the student code.

**Use of AI (such as ChatGPT) in this class:** Using AI (such as ChatGPT) to assist in completing assignments will be allowed in the following ways: You acknowledge the use of AI, cite the site you used, and include the query posed to generate the AI response.

If you use AI in an unauthorized manner, you will be committing plagiarism\* and will be subject to penalties in this class and sanctions by Indiana University.

**\*Plagiarism:** Plagiarism is defined as presenting someone else's work, including the work of other students, as one's own. Any ideas or materials taken from another source for either written or oral use must be fully acknowledged unless the information is common knowledge. What is considered "common knowledge" may differ from course to course.

<https://studentcode.iu.edu/responsibilities/academic-misconduct.html>.

**Sexual Harassment:** Title IX makes it clear that violence and harassment based on sex and gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources, both on and off campus, at <http://stopsexualviolence.iu.edu/help/bloomington/index.html>. As faculty members, we are also required by our university to report incidents of sexual misconduct and thus cannot guarantee confidentiality. We must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. Please know that you can seek confidential resources and make a



formal report using this website:

<http://stopsexualviolence.iu.edu/report/bloomington.html>. Any incident of harassment in class will not be tolerated. The offender will be required to leave class and they will not receive credit for attending that day. Further, the incident will be properly address before the student is allowed to return to class.

As your instructor, one of my responsibilities is to help create a safe learning environment on our campus. Title IX and our own Sexual Misconduct policy prohibit sexual misconduct. If you have experienced sexual misconduct, or know someone who has, the University can help.

If you are seeking help and would like to talk to someone confidentially, you can make an appointment with:

- The Sexual Assault Crisis Service (SACS) at 812-855-8900
- Counseling and Psychological Services (CAPS) at 812-855-5711
- Confidential Victim Advocates (CVA) at 812-856-2469
- IU Health Center at 812-855-4011

For more information about available resources:

<http://stopsexualviolence.iu.edu/help/index.html>. It is also important to know that federal regulations and University policy require me to promptly convey any information about potential sexual misconduct known to me to our campus' Deputy Title IX Coordinator or IU's Title IX Coordinator. In that event, they will work with a small number of others on campus to ensure that appropriate measures are taken and resources are made available to the student who may have been harmed. Protecting a student's privacy is of utmost concern, and all involved will only share information with those that need to know to ensure the University can respond and assist. I encourage you to visit <http://stopsexualviolence.iu.edu/help/index.html> to learn more.

**Commitment to Diversity:** Find your home and community at IU Asian Culture Center

Address: 807 East Tenth Street, Bloomington, IN 47408 Phone: 812-856-5361

Email: [acc@indiana.edu](mailto:acc@indiana.edu)

Website: <https://asianresource.indiana.edu/index.html>



**First Nations Educational & Cultural Center Address:** 712 E 8th St., Bloomington, IN 47408 Phone: 812-855-4814

Email: [fnecc@indiana.edu](mailto:fnecc@indiana.edu)

Website: <https://firstnations.indiana.edu/contact/index.html>

**LGBTQ+ Culture Center Address:** 705 E 7th St., Bloomington, Indiana 47408  
Phone: 812-855-4252

Email: [glbtserv@indiana.edu](mailto:glbtserv@indiana.edu)

Website: <https://lgbtq.indiana.edu/contact/index.html>

**La Casa Latino Culture Center Address:** 715 E 7th St., Bloomington IN, 47408  
Phone: 812-855-0174

Email: [lacasa@indiana.edu](mailto:lacasa@indiana.edu)

Website: <https://lacasa.indiana.edu/>

**Neal Marshall Black Culture Center Address:** 275 N Jordan Ave Bloomington, Indiana 47405 Phone: 812-855-9271

Email: [nmgrad@indiana.edu](mailto:nmgrad@indiana.edu)

Website: <https://blackculture.indiana.edu/index.html>

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