SYLLABUS: ENR 3300
INTRODUCTION TO FORESTRY, FISHERIES, AND WILDLIFE
SUMMER 2019

Course overview

Instructor
Kim Winslow, MS
Instructional Associate, School of Environment and Natural Resources

Email: winslow.52@osu.edu
Phone: 614-688-2789
Office hours: By Appointment (in person at the Wetlands Research Park or Kottman, or virtual)

Content editors
Dr. Lauren Pintor
Assistant Professor of Aquatic Ecology, School of Environment and Natural Resources

Dr. Stephen Matthews
Associate Professor of Wildlife Landscape Ecology, School of Environment and Natural Resources

Course description
This course is an introduction to the basic elements of forestry, fisheries, and wildlife (FFW) ecology and management for majors in environment and natural resources. It provides students with a comprehensive and integrated introduction to the problems, concepts, and strategies that make these disciplines similar, as well as establishing important differences between them. This course has also been organized to provide an introduction to non-majors who may not have the opportunity to take further courses in these fields. Prereq: ENR 2100
This is a completely online course that will utilize multiple platforms supported by The Ohio State University. Course content, including lecture presentations and videos, will be delivered using CarmenCanvas, OSU’s learning management system. CarmenCanvas (https://carmen.osu.edu/) will also be used to complete quizzes, exams, and other assignments. We will also use u.osu.edu for a course assignment. Other resources, such as BuckeyeBox (https://box.osu.edu/) and the University Libraries, may also be used. This course is only semi-self-paced. All course requirements must be completed during the semester of offering AND all assignments, quizzes, and exams must be completed by the due date shown on the syllabus to receive the opportunity for credit.

A special acknowledgement must be given to Drs. Lauren Pintor and Steven Matthews (SENR) for their creation of and continued input regarding course content.

Course learning outcomes

After successful completion of ENR 3300, students will be able to:

• Define and identify the conservation and management goals associated with the fields of forestry, fisheries and wildlife.
• Understand basic ecological concepts as they relate and are applied to forestry, fisheries, and wildlife management and conservation.
• Understand how ecosystems function to support forestry, fisheries, and wildlife, and in turn, how forestry, fisheries, and wildlife support key ecosystem functions.
• Understand the structure and dynamics of populations and communities as they relate to sustaining resource production and conserving biodiversity.
• Describe how forestry, fisheries, and wildlife relate to and are influenced by anthropogenic use and drivers of environmental change.

Course materials

No Textbook Required

No textbook is required, but readings may be assigned throughout the course and will be available through CarmenCanvas.

Course technology

For help with your password, university email, CarmenCanvas, or any other technology issues, questions, or requests, contact the OSU IT Service Desk. Standard support hours are available at https://ocio.osu.edu/help/hours, and support for urgent issues is available 24x7.

• Self-Service and Chat support: http://ocio.osu.edu/selfservice
• Phone: 614-688-HELP (4357)
• Email: 8help@osu.edu
- **TDD:** 614-688-8743

**Baseline technical skills necessary for online courses**
- Basic computer and web-browsing skills
- Navigating CarmenCanvas

**Technology skills necessary for this specific course**
- CarmenCanvas navigation and basic skills
- u.osu.edu access and basic skills
- Microsoft word or other word processing software
- Recording, editing, and uploading video, audio, and/or other media
- Using online libraries and databases to locate and gather appropriate information
- Using computer networks to locate and store files or data
- Using online search tools for specific academic purposes, including the ability to use search criteria, keywords, and filters
- Properly citing information sources

**University-supported Vendors used in this course**
- Plagiarism detection software, TurnItIn
  - VPAT: https://www.turnitin.com/about/accessibility
- Presentation software - PowerPoint
- Media players - YouTube
  - Could not find VPAT - may not exist
- Wordpress – u.osu.edu
  - https://en.support.wordpress.com/accessibility/

**Required equipment**
- Computer [current Mac (OS X) or PC (Windows 7+)] with high-speed internet connection
  - NOTE: A lack of a high-speed internet connection is not a permissible excuse for missing a quiz or exam. Please discuss any concerns regarding your internet access prior to assignment/quiz/exam deadlines.
  - If you have any concern with this access, remember that OSU is home to a number of computer labs on campus, and if off-campus, visit your local library.
  - Please do NOT plan to rely entirely on a mobile phone for this course.
- Microsoft Word or other word processing software
  - Office365 is freely available to students via http://office365.osu.edu/
Grading and faculty response

Grades
Your course grade will be evaluated on three quizzes, three exams (two midterms and a final), an individual project, and discussion board participation.

Quizzes taken on CARMENCANVAS
Quiz questions may consist of true/false, multiple choice, short answer, and essay questions. All quizzes will be taken online using CarmenCanvas. Quizzes will be open on CarmenCanvas for approximately 48 hours and you can take the quiz anytime during this period. You will be given 30 minutes to complete the quiz. If you fail to complete the quiz on Carmen before it closes you will earn a grade of 0%.

You will NOT come to a classroom to take the quiz. Rather, you take the quiz from a location of your choosing that has Internet connection (e.g., dorm room, library).

Quiz questions will be synthesis questions based on material presented in lecture videos, as well as assigned readings and videos. Each student must complete the quiz on her or his own. You are NOT permitted to receive assistance from anyone else during the quiz. You are NOT permitted to take the quizzes as part of a group. You ARE permitted to use notes, slides, calculator, textbook, journal articles, books, and Internet during the quiz, but the amount of time allotted precludes this use. Additional details will be provided during the semester.

There are NO make-up quizzes except for valid reasons (e.g., medical excuse). If you are sick, you must have a note signed by your medical doctor (i.e. a licensed physician) and dated the same day as the exam and excusing you from the 48-hour period that the exam is open. Otherwise, you will receive a zero on the exam. The instructor will determine if your excuse is valid. If you do not have a reasonable excuse for missing an exam then you will receive a zero for the exam.

Exams taken on CARMENCANVAS
Examinations may consist of true/false, multiple choice, short answer, and essay questions. All exams will be taken online using CarmenCanvas. Exams will be open on CarmenCanvas for approximately 48 hours and you can take the exam anytime during these 48 hours. You will be given 60-100 minutes to complete the exam. If you fail to complete the exam on Carmen before it closes you will earn a grade of 0%.

You will NOT come to a classroom to take the exam. Rather, you take the exam from a location of your choosing that has Internet connection (e.g., dorm room, library).

Exam questions will be synthesis questions based on material presented in lecture videos, as well as assigned readings and videos. Each student must complete the exam on her or his own. You are NOT permitted to receive assistance from anyone else during the exam. You are NOT permitted to take the exams as part of a group. You ARE permitted to use notes, slides,
calculator, textbook, journal articles, books, and Internet during the exam, but the amount of
time allotted precludes this use. Additional details will be provided during the semester.

There are **NO make-up exams** except for valid reasons (e.g., medical excuse). If you are sick,
you must have a note signed by your medical doctor (i.e. a licensed physician) and dated the
same day as the exam and excusing you from the 48-hour period that the exam is open.
Otherwise, you will receive a zero on the exam. The instructor will determine if your excuse is
valid. If you do **not** have a reasonable excuse for missing an exam then you will receive a zero
for the exam.

**Individual Project – FFW #scicomm**

Scientific communication (e.g., providing outreach and engagement with the public) is essential
to the understanding of and appreciation for our forests, fisheries, and wildlife. Increasingly,
scientific communication (#scicomm) is facilitated through social media outlets such as
Instagram, Twitter, Facebook, personal or lab blogs, etc. The goal of this assignment is for
students to use multimedia formats to present a story about Forestry, Fisheries, or Wildlife that
is accessible to the public and relevant for the people of Ohio. These can take the form of
written blogs, sound clips, videos, animations, etc. Each student is required to create one post
to the class website (https://u.osu.edu/enr3300summer2019/). Students are encouraged to
direct the public to their posts via social media. Posts will be graded based on accuracy of
content and accessibility to a diverse audience. If a student posts an additional time (i.e., two
times), the second post will be considered for bonus points (Details on #SciComm Instructions
sheet). **All posts**, including those submitted for possible bonus points, **must be submitted by
11:59p on Friday, June 14.**

*Please note that copyright and citations are serious considerations to this assignment.*

**Discussion Board Participation**

Discussion Board prompts will be posted on CarmenCanvas **each week** and will be open for 7
days (Mondays at 12:00a to the following Sunday at 11:59p). Since a discussion board is posted
each week, there will be a total of 8 discussion board prompts during the semester (starting
with “Introducing Ourselves”). For the opportunity to earn full credit for your participation
grade, you must complete 7 of 8 discussion boards according to the following guidelines.

**Students are expected to do the following for each discussion board:**

- Answer one of the questions/scenarios that I (Kim Winslow) pose for that prompt.
  
  **AND 1** of the following:
  
  - Pose your own question in relation to the topic(s) addressed;
  - Reply to a peer’s discussion post; or
  - Answer a second question/scenario that I post

Posts that are deemed inappropriate by me will receive a **ZERO**. The **ZERO** will count for one of
the discussion board grades (meaning it cannot be dropped).
See course schedule, below, for due dates

Late assignments
The penalty for late assignments is 10% of the assignment total per day. We will not extend deadlines for any reason. There should be extenuating circumstances for missing a scheduled exam. In these cases, early arrangements will need to be coordinated. It is your responsibility to contact me (winslow.52@osu.edu) if you have a scheduling issue regarding any of the due dates listed on the syllabus BEFORE the assessment is due.

Grading scale

<table>
<thead>
<tr>
<th>Assignment or category</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussion board participation (7 total worth 10/ea.)</td>
<td>70</td>
</tr>
<tr>
<td>Individual #scicomm project</td>
<td>55</td>
</tr>
<tr>
<td>Quizzes (3 total worth 25/ea.)</td>
<td>75</td>
</tr>
<tr>
<td>Midterms (2 total worth 100/ea.)</td>
<td>200</td>
</tr>
<tr>
<td>Final Exam</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>500</strong></td>
</tr>
</tbody>
</table>

Grading and feedback
For large weekly assignments, you can generally expect feedback within 7 days.

Email
I will reply to emails within 24 hours on school days. All email communications should be made using your OSU address (i.e. name.#@buckeyemail.osu.edu).
Discussion board
We will check and reply to messages in the discussion boards every 24 hours on school days.

Attendance, participation, and discussions

Student participation requirements
Because this is a distance-education course, your attendance is based on your online activity and participation. The following is a summary of everyone’s expected participation:

- **Logging in: MULTIPLE TIMES PER WEEK**
  Be sure you are logging in to the course in CarmenCanvas MULTIPLE times each week, including weeks with holidays or weeks with minimal online course activity. (During most weeks you will probably log in many times.) If you have a situation that might cause you to miss an entire week of class, discuss it with the instructor as soon as possible.

- **Office hours: OPTIONAL**
  If you would like to discuss an assignment or question with me, please contact me at the beginning of the week in order to schedule an appointment (winslow.52@osu.edu).

- **Self-checks: ON CARMENCANVAS/OPTIONAL**
  At the end of each lecture, an optional self-check will be available to you. These self-check surveys consist of 5 questions randomly pulled from a larger question bank. You are encouraged to attempt them multiple times to check your understanding of the lecture material and as a study tool for quizzes/exams. Self-checks are worth no points and are completely optional, but highly encouraged.

- **Quizzes: ON CARMENCANVAS**
  There will be 3 quizzes during the course that are meant to test your progress and prepare you for exam-style questions. These quizzes will be open for 48 hours. In previous courses we have found that participation on quizzes positively affects a student’s overall class performance. Therefore, we encourage you to use these as tools to integrate overall comprehension.

- **Exams: ON CARMENCANVAS**
  Please know that 3 exams (two mid-term exams and one final) will serve as the bulk of your assessment in this course. They will only be open for 48-hour periods, so please plan accordingly. They are structured to test your comprehension and ability to apply course material.

- **Discussion Boards: ON CARMENCANVAS**
  We have found that student participation and engagement are important to your success in this course. To facilitate this, there will be a set of discussion board prompts throughout the course. The discussion board prompts will vary in format, but they will
all attempt to apply concepts we are learning in the course that week, and encourage you to stretch your thinking. *Your participation in these discussion boards is required.*

**Discussion and communication guidelines**

The following are my expectations for how we should communicate as a class. Above all, please remember to be respectful and thoughtful.

- **Writing style**: While there is no need to participate in class discussions as if you were writing a research paper, you should remember to write using good grammar, spelling, and punctuation. Informality (including an occasional emoticon) is fine for non-academic topics.

- **Tone and civility**: Let's maintain a supportive learning community where everyone feels safe and where people can disagree amicably. Remember that sarcasm doesn't always come across online.

- **Citing your sources**: When we have academic discussions, please cite your sources to back up what you say. *(Please use APA format.)*

- **Backing up your work**: Consider composing your academic posts in a word processor, where you can save your work, and then copying into the Carmen discussion.

**Other course policies**

**Academic integrity policy**

**Policies for this online course**

- **Quizzes and exams**: You must complete the quizzes and the midterm and final exams yourself, without any external help or communication. You can refer to your notes, but please know that the time offered for the exam precludes you from relying on these notes for a majority of the information. Treat all quizzes and exams as though it is not open-note for the most success.

- **Written assignments**: Your written assignments, including discussion posts, should be your own original work. In formal assignments, you should follow APA style to cite the ideas and words of your research sources. You are encouraged to ask a trusted person to proofread your assignments before you turn them in--but no one else should revise or rewrite your work.

- **Reusing past work**: In general, you are prohibited in university courses from turning in work from a past class to your current class, even if you modify it. If you want to build on past research or revisit a topic you've explored in previous courses, please discuss the situation with an instructor. If you read this, send me an email with the word “reuse” and I'll grant you 5 bonus points. Must be done within the first 2 weeks of class.
• **Falsifying research or results**: All research you will conduct in this course is intended to be a learning experience; you should never feel tempted to make your results or your library research look more successful than it was.

• **Collaboration and informal peer-review**: The course includes many opportunities for collaboration with your classmates. While study groups and peer-review of major written projects is encouraged, remember that comparing answers on a quiz or assignment is not permitted. If you're unsure about a particular situation, please feel free just to ask ahead of time.

**Student privacy and protections**

If you are interested in the policies regarding data and privacy protections at the university, check out the following resources:

- [https://online.osu.edu/privacy-policy](https://online.osu.edu/privacy-policy)
- [https://cybersecurity.osu.edu/students](https://cybersecurity.osu.edu/students)

**Ohio State’s academic integrity policy**

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the University’s *Code of Student Conduct*, and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the University’s *Code of Student Conduct* and this syllabus may constitute “Academic Misconduct.”

The Ohio State University’s *Code of Student Conduct* (Section 3335-23-04) defines academic misconduct as: “Any activity that tends to compromise the academic integrity of the University, or subvert the educational process.” Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University’s *Code of Student Conduct* is never considered an “excuse” for academic misconduct, so I recommend that you review the *Code of Student Conduct* and, specifically, the sections dealing with academic misconduct.

If we suspect that a student has committed academic misconduct in this course, we are obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the University’s *Code of Student Conduct* (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:
• The Committee on Academic Misconduct web pages (COAM Home)
• Ten Suggestions for Preserving Academic Integrity (Ten Suggestions)
• Eight Cardinal Rules of Academic Integrity (www.northwestern.edu/uacc/8cards.htm)

**Accessibility accommodations for students with disabilities**

**Requesting accommodations**

If you would like to request academic accommodations based on the impact of a disability qualified under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, contact your instructor privately as soon as possible to discuss your specific needs. Discussions are confidential.

In addition to contacting the instructor, please contact the Student Life Disability Services at 614-292-3307 or ods@osu.edu to register for services and/or to coordinate any accommodations you might need in your courses at The Ohio State University.

Go to [http://ods.osu.edu](http://ods.osu.edu) for more information.

**Accessibility of course technology**

This online course requires use of Carmen (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations with your instructor.

• Carmen (Canvas) accessibility
• Streaming audio and video
• Closed captioning and audio transcripts
• Synchronous course tools

**Take care of yourself**

A recent American College Health Survey found stress, sleep problems, anxiety, depression, interpersonal concerns, death of a significant other, and alcohol use among the top ten health impediments to academic performance. Students experiencing personal problems or situational
crises during the quarter are encouraged to contact the OSU Counseling and Consultation Services (614-292-5766; www.ccs.osu.edu) for assistance, support, and advocacy.

**Statement on Title IX**

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 (e.g., race). If you or someone you know has been sexually harassed or assaulted, you may find the appropriate resources at http://titleix.osu.edu or by contacting the Ohio State Title IX Coordinator, Kellie Brennan, at titleix@osu.edu
<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Lecture(s)</th>
<th>Assessment</th>
<th>Discussion Board Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>May 8 – 12</td>
<td>Background to FFW and introduction to natural resource management</td>
<td></td>
<td>Introducing Ourselves</td>
</tr>
<tr>
<td>2</td>
<td>May 13 – 19</td>
<td>(1) Basics of fisheries and aquatic sciences (2) Basics of wildlife ecology and management</td>
<td>Quiz 1 (Friday, May 17)</td>
<td>Fish and Fisheries</td>
</tr>
<tr>
<td>3</td>
<td>May 20 – 26</td>
<td>(1) Basics of forest ecology and management (2) Basics of copyright</td>
<td>EXAM 1 (Friday, May 24)</td>
<td>Wildlife Management</td>
</tr>
<tr>
<td>4</td>
<td>May 27 - June 2</td>
<td>(1) Population dynamics and carrying capacity (2) Dispersal, migration &amp; metapopulation dynamics</td>
<td>Quiz 2 (Friday, May 31)</td>
<td>Metapopulations and Carrying Capacity</td>
</tr>
<tr>
<td>5</td>
<td>June 3 – 9</td>
<td>(1) Harvest and regulation of forest, fish, and wildlife (2) Methods to quantify forests, fish, and wildlife</td>
<td>EXAM 2 (Friday, June 7)</td>
<td>Methods in FFW</td>
</tr>
<tr>
<td>6</td>
<td>June 10 – 16</td>
<td>(1) Succession and disturbance (2) Fire management, fragmentation &amp; climate change</td>
<td>#scicomm assignment (due by 11:59p Friday, June 14)</td>
<td>Fire management</td>
</tr>
<tr>
<td>7</td>
<td>June 17 – 23</td>
<td>(1) Endangered species &amp; challenging single-species management (2) Invasive species, parasites and disease</td>
<td>Quiz 3 (Friday, June 21)</td>
<td>Invasive vs. Endangered species</td>
</tr>
<tr>
<td>8</td>
<td>June 24 - 30</td>
<td>(1) Urban management in forestry, fisheries, and wildlife (2) Social dimensions</td>
<td>FINAL EXAM (Friday, June 28)</td>
<td>Fear and Fishing</td>
</tr>
</tbody>
</table>
Course schedule highlights

- All assessments (quizzes, exams, and your individual project) will always be due by Fridays at 11:59p on the week listed
  - Example: Quiz 1 will open Thursday, May 16th at 12:00a and close Friday, May 17th at 11:59p.
- Discussion Boards will open Mondays at 12:00a and close Sundays at 11:59p
- Quizzes and exams will open at 12:00a Thursday morning and close at 11:59p that same Friday (i.e., they will only be open for 48 hours, and will always be held on Thursdays through Fridays)
- It is your responsibility to contact me (winslow.52@osu.edu) if you have a scheduling issue regarding any of the due dates listed on the syllabus BEFORE the assessment is due