

FNR 23000 - World's Forests and Society (Fall 2024)

Course Information:

FNR 23000 001 – CRN 20772

Course credit hours: 3 credits

Meeting days and times: MWF 12:30 – 1:20 pm

Meeting Location: Stewart 320 (STEW 320)

Instructional Modality: Face to face

Course BrightSpace page: <https://purdue.brightspace.com/>

Instructor: Eva Haviarova, Professor
Forest Products Bldg., Room 111A
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Office hours: one hour before class M, W, F in FPRD 111A, or by E-mail appointment.

Course Description: Examining structure, function, and the environmental and cultural significance of forest ecosystems worldwide. Understanding of the forest's importance for communities and societies.

Course Learning Outcomes:

Upon completion of this course, students will be able to:

- Comprehend the complexity of the forests worldwide and understand their variety, distribution, ecological functioning, and role in developing societies and communities.
- Provide a global perspective of forests' social and economic values, their multiple uses, and the variety of products derived from them.
- Understand the most critical factors threatening forests and related natural resources in developing and developed countries.
- Understand the strong connection between forests and related natural resource fields (ecology, wildlife, forest products, sustainability, etc.)

Students will develop assigned projects where they will effectively integrate the concepts and principles presented throughout the course.

Course Format:

The course will meet three times per week (Monday, Wednesday, and Friday) and include various guest lectures coordinated by the principal instructor, Eva Haviarova. Friday class will be reserved for discussions & review sessions, and quizzes. Projects will be assigned each Sunday night throughout the semester, with due dates next Sunday. The group research project will be conducted over four weeks and presented the week before Thanksgiving holidays.

Recommended Learning Resources (no textbook):

- a) Recommended readings will be posted on BrightSpace as weekly assignments.
- b) Food and Agriculture Organization of the United Nations (FAO), State of the World's Forests reports will be used for projects (available at: <http://www.fao.org/state-of-forests/en/>).
- c) Perlin, John. 2005. A Forest Journey: The Role of Wood in the Development of Civilization. Harvard University Press. ISBN 0-99150-676-1. This book will support the lecture - History of Deforestation; (optional reading).

Course Content and Schedule - Fall 2024

Week	Day	Topic/Module	Lectures:	Projects (out of classroom)	Quizzes&Exams
1	19-Aug	History of Deforestation	Introduction Lecture (Haviarova)	Student Questionnaire (Due 8/25)	
	21-Aug		History of Deforestation (Haviarova)	PR 1. World Forests - Interesting apps	
	23-Aug		Discussion and Quiz (Video)	(Due 8/25)	Quiz 1
2	26-Aug	Forest Ecosystem	Forest Ecosystem I (Farley)	PR 2. US Forest Facts - PPT	
	28-Aug		Forest Ecosystem II (Farley)	FIELD TRIP - Martel Forest 5:30pm	
	30-Aug		Discussion and Quiz	(Due 9/1)	Quiz 2
3	2-Sep	Forest of Indiana	LABOR DAY	PR 3. Forest Companies Database	
	4-Sep		Forest Management Effects on Wildlife (McGowan)	(Google doc spreadseet)	
	6-Sep		Forest of Indiana (Haviarova)	(Due 9/8)	Quiz 3
4	9-Sep	US Forests	State of US Forest - (Smith & Haviarova)	PR 4. IN/US Made Wood Products - PPT	
	11-Sep		US Forest Facts - Colated PPT of Project 2		
	13-Sep		US Forest Facts - Colated PPT of Project 2	(Due 9/15)	Quiz 4
5	16-Sep	World Forests	State of the World's Forests (Haviarova)	PR 5. World Forest Facts - PPT	
	18-Sep		World Forest Classification (Haviarova)		
	20-Sep		Discussion and Quiz (Videos)	(Due 9/22)	Quiz 5
6	23-Sep	Boreal Forests	Boreal & Arctic Habitats (Dunning)	Discussion Board 1 (PROFILES)	
	25-Sep		Forestry in the Russia Far East (Overton/Haviar)	By 9/25 (10p)	Quiz 6
	27-Sep		EXAM 1	By 9/27 (5p)	Exam 1
7	30-Sep	Temperate Forests	Forest and Forestry of China (Mo, Haviarova)	Discussion Board 2	
	2-Oct		Forest and Forestry of Europe (Haviarova)	By 10/2 (10p)	
	4-Oct		Discussion and Quiz (Agroferenty)	By 10/4 (5p)	Quiz 7
8	7-Oct	Tropical Forests	OCTOBER BREAK	Discussion Board 3	
	9-Oct		Tropical Forests - Costa Rica, Hawaii (Lawson, Haviar)	By 10/9 (10p)	
	11-Oct		Forests of Australia (Haviarova)	By 10/11 (5p)	Quiz 8
9	14-Oct	Plantation Forests	Short Rotation & Energy (Meilan/Haviar)	Discussion Board 4	
	16-Oct		School Furniture in Developing World (Haviarova)	By 10/16 (10p)	
	18-Oct		Discussion and Quiz	By 10/18 (5p)	Quiz 9
10	21-Oct	Forest and People	Humantarian Effort (Burniske)	PR 6. Group Res. Project Assignment	
	23-Oct		Coffe Production (Dunning)		
	25-Oct		Reforestation in Tanzania (Schott)		Quiz 10
11	28-Oct	Forest Utilization	Wood - Sustainable Material (Haviarova)	PR 6. Group Res. Project Continue	
	30-Oct		Forest Products & Production (Haviarova)		
	1-Nov		Discussion and Quiz		Quiz 11
12	4-Nov	Other Forest Products (Forest and People)	Importance of Urban Forests (McCallister)	PR 6. Group Res. Project Continue	
	6-Nov		Forest Biomass and Energy (Haviarova)		
	8-Nov		Discussion and Quiz		Quiz 12
13	11-Nov	Forest & Sustainability	Sustainability (Dukes/Haviarova)	PR 6. Group Res. Project Due	
	13-Nov		Building with Wood (Haviarova/Tom)		Quiz 13
	15-Nov		EXAM 2	(Due 11/17)	Exam 2
14	18-Nov	Group Projects	Presentations (Group 1-5)	Group Project Presentations/Evaluations	
	20-Nov		Presentations (Group 6-10)	Group Project Presentations/Evaluations	
	22-Nov		Presentations (Group 11-15)	Group Project Presentations/Evaluations	
15	25-Nov		Presentations (Group 16-20)	Group Project Presentations/Evaluations	
	27-Oct		THANKSGIVING		
	29-Nov		THANKSGIVING		
16	2-Dec	Individual Projects	Forests Around the World - Combined PPTs	FIELD TRIP (tentative)	
	4-Dec		Forests Around the World - Combined PPTs		
	6-Dec		Review for EXAM 3		
	Dec 9-14	Final Exam (Optional)	Exam 3 (Final Exam)		

* Instructor reserves the right to change the syllabus.

Grading

Assignments		Due	Points	% of grade
Projects			150	30%
	Project 1	25-Aug	10	3%
	Project 2	1-Sep	10	3%
	Project 3	8-Sep	10	3%
	Project 4	15-Sep	10	3%
	Project 5	22-Sep	10	3%
	Project 6	17-Nov	100	15%
Quizzes and Exams			430	60%
	Quizzes 1 - 13	Throughout semester	130	15%
	Exam 1	27-Sep	100	15%
	Exam 2	15-Nov	100	15%
	Exam 3	Optional Final Exam Dec ?	100	15%
Discussions & Participation			82	10%
	Discussion 1	25-Sep	10	1%
	Discussion 2	2-Oct	10	1%
	Discussion 3	9-Oct	10	1%
	Discussion 4	16-Oct	10	1%
	Attendance	6-Dec	42	6%
Total			662	100%

Grade	Range (%)
A+	96 – 100
A	93 – 95.9
A-	90 – 92.9
B+	87 – 89.9
B	83 – 86.9
B-	80 – 82.9
C+	77 – 79.9
C	73 – 76.9
C-	70 – 72.9
D+	67 – 69.9
D	63 – 66.9
D-	60 – 62.9
F	< 60

Attendance Policy:

This course follows Purdue's academic regulations regarding attendance, which state that students are expected to be present for every meeting of the classes in which they are enrolled. Attendance will be taken at the beginning of each class, and lateness will be noted. When conflicts or absences can be anticipated, such as for many University-sponsored activities and religious observations, **the student should inform the instructor and copy TA** of the situation as far as possible. For unanticipated or emergency absences, when advance notification to the instructor is not possible, the student should contact the instructor as soon as possible by e-mail or phone. When the student is unable to make direct contact with the instructor and is unable to leave a word with the instructor's department because of circumstances beyond the student's control, and in cases falling under excused absence regulations, the student or the student's representative should contact or go to the Office of the Dean of Students (ODOS) website to complete appropriate forms for instructor notification. Under academic regulations, excused absences may be granted by ODOS for cases of grief/bereavement, military service, jury duty, parenting leave, or emergent or urgent care medical care.

My policy is to excuse up to 3 absences with valid justification for the absence. After that, the absence will be unexcused. Ten unexcused absences will result in course failure. In the case of illness or other unforeseen circumstances, please communicate immediately with the instructor.

Being "present" also means participating remotely and completing work assigned for days when we do not meet face-to-face. This work is required to help you meet the course learning outcomes. These times count toward the course contact hours and your course grade.

Academic Guidance in the Event of Q/I:

If you must miss a class at any point during the semester, please reach out to me via Purdue e-mail so that we can discuss how you can maintain your academic progress—state in the subject line FNR 230 Absence. If you are too sick to progress in the course, notify your advisor and me via e-mail or Brightspace. We will make arrangements based on your particular situation.

Academic Integrity:

Academic integrity is one of Purdue University's highest values. Individuals are encouraged to alert university officials to potential breaches of this value by emailing integrity@purdue.edu or calling 765-494-8778. While the information may be submitted anonymously, the more information submitted, the greater the opportunity for the university to investigate the concern. More details are available on our course Brightspace under University Policies.

What is Plagiarism?

The Council of Writing Program Administrators (CWPA) states that plagiarism "occurs when a writer deliberately uses someone else's language, ideas, or another original (not common knowledge) material without acknowledging its source." Thus, whenever a person chooses to repeat the exact words written by another author, that person must mark them with quotation marks (") and provide a citation to the original source. Two excellent sources of additional guidance are:

1. Michael Harvey, *The Nuts and Bolts of College Writing* (Hackett Publishing Co.)
2. Gordon Harvey, *Writing with Sources: A Guide for Students* (Hackett Publishing Co.)

Nondiscrimination:

Purdue University is committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among

its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life. A hyperlink to Purdue's full Nondiscrimination Policy Statement is included in our course Brightspace under University Policies.

Mental Health/Wellness:

If you find yourself beginning to feel some stress, anxiety, and feeling slightly overwhelmed, try **WellTrack**. Sign in and find information and tools at your fingertips, available to you at any time. If you need support and information about options and resources, please contact or see the Office of the Dean of Students. Call 765-494-1747. Hours of operation are M-F, 8 am- 5 pm.

If you struggle to find a healthy balance between academics, social life, stress, etc., sign up for free virtual or in-person sessions with a Purdue Wellness Coach at RecWell. Student coaches can help you navigate barriers and challenges toward your goals throughout the semester. Sign-up is free and can be done on BoilerConnect.

If you're struggling and need mental health services: Purdue University is committed to advancing the mental health and well-being of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of mental health support, services are available. For help, such individuals should contact Counseling and Psychological Services (CAPS) at 765-494-6995 during and after hours, on weekends and holidays, or by going to the CAPS office on the second floor of the Purdue University Student Health Center (PUSH) during business hours. The CAPS website also offers resources specific to situations such as COVID-19.

Basic Needs Security:

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support. There is no appointment needed, and Student Support Services is available to serve students 8 a.m.-5 p.m. Monday through Friday.

Accessibility:

Provided in Brightspace under Content in a separate folder marked Accessibility Information.

Emergency Preparation:

In a major campus emergency, course requirements, deadlines, and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. Relevant changes to this course will be posted on the course website or obtained by contacting the instructor or TAs via e-mail or phone. **You are expected to read your @purdue.edu e-mail frequently.**

Please review the following procedures:

- *To report an emergency, call 911.*
- *To obtain updates regarding an ongoing emergency and to sign up for Purdue Alert text messages, view www.purdue.edu/ea*
- *There are nearly 300 Emergency Telephones outdoors across campus and in parking garages that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button, and you will be connected immediately.*
- *If we hear a **fire alarm**, we will immediately suspend class, **evacuate the building**, and proceed outdoors and away from the building. **Do not use the elevator.***

- *If we are notified of a Shelter in Place requirement for a **tornado warning**, we will suspend class and shelter on the lowest level of this building away from windows and doors.*
- *Suppose we are notified of a Shelter in Place requirement for a hazardous materials release, or a civil disturbance, including a shooting or other use of weapons. In that case, we will suspend class and shelter in our classroom, shutting any open doors or windows, locking or securing the door, and turning off the lights.*

For additional information, please go to the Purdue Emergency Preparedness website:

https://www.purdue.edu/epps/emergency_preparedness/index.html

Specific building information is found in the Building Emergency Plan (BEP). The Building Deputy usually maintains the BEP. "Shelter in place" means that students should not leave the building when the outdoor sirens are sounded. Moreover, if the building fire alarms are activated, everyone must evacuate the building and proceed to their emergency assembly area as specified in the BEP.

Building Emergency Plans

https://www.purdue.edu/epps/emergency-preparedness/emergency-plans/bep/campus-bep-list.php?_ga=2.53304680.1790947359.1692100148-110784366.1691116209

Artificial Intelligence (AI) Use Policy

This policy covers any generative AI tool, such as ChatGtP, Elicit, etc. This includes text and artwork/graphics/video/audio.

1. You are discouraged from using AI tools UNLESS under your instructor's direct instruction. Please get in touch with your instructor if you are unsure or have questions BEFORE using AI for any assignment.
2. If AI is permitted to be used, you must indicate what part of the assignment was written by AI and what was written by you. If the instructor permits its use, no more than 25% of an assignment should be created with AI.

Acceptable Uses of AI	Unacceptable Uses of AI
--Conducting background/supporting research on an assignment (case study, homework) --Refining/checking grammar and writing style --Refine design/visuals for assignments	--Conducting analyses such as SWOT, 5 Forces --Developing case study recommendations --Completing course quizzes and exams --Writing entire sections of text (e.g., full paragraphs) --Completing your portion of a group assignment without the group's knowledge and consent