

FORESTRY 208 - FOR208
DENDROLOGY
Fall 2021
4 SH - STARS#: 62910

Instructor: Paul Blome
Office Phone: 298-1160
Office Hours: M W 1-1:50pm, T Th 12-12:50

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Last day to add course during open registration: 08/27/2021

Last day to add by permission or delete course: 09/03/2021

Last day to drop course with "W" grade: 10/31/2021

Course Meeting Times & Places:

Lecture: M-W 11-11:50am KH 201

Lab: T-TH 10-11:50am KH 201

Most labs will meet outside in the outdoor class space, if weather is inclement, I will decide if we need to meet in the classroom.

No Required Textbook: Original Text: Textbook of Dendrology, (9th Edition) Harlow & Harrar

Reference resources: Forest Trees of Illinois, Mohlenbrock (State Department of Natural Resources)

- Burns, R. M. and B. H. Honkala (eds.). 1990. *Silvics of North America, Volume 1, Conifers*. U.S. Department of Agriculture, Forest Service, Agriculture Handbook 654, Washington, D.C. Pp. 675.
- Burns, R. and B. Honkala 1990. *Silvics of North America, Volume 2, Hardwoods*. Agricultural Handbook 654. U.S. Department of Agriculture, Forest Service, Washington, D. C. 877 p.

Course Objectives: At the conclusion of this course the student will.....

- identify over 100 tree species by their physiological characteristics
- learn important terminology used to describe different features of trees
- be familiar with using an identification key to identify trees
- be familiar with common and scientific names of trees studied
- acquire knowledge of habitats and natural ranges of common native and introduced tree species in Illinois and NA
- acquire knowledge of the relative importance of primary tree species regarding commercial, ecological and ornamental values

Course Content:

Lecture

- Taxonomic classification of trees
- Nomenclature
- Dendrology of Magnoliophyta (Angiosperms)
- Dendrology of Pinophyta (Gymnosperms)

Lab

- Tree morphology, Field identification of trees and some shrubs & vines of the area.
- Most experiences on or near campus. Field trips (if allowed) may include trips to Spring Lake And Lake Argyle to ID and view trees in a forested environment.

Distribution of Points for Course Grade:

2 exams: (100 pts each)	200 pts
Final: (Wed. Dec 15th at 10:00 – 11:50 AM)	100 pts
Lecture & ID Quizzes:	200 pts
Worksheet Assignments	150 pts
Leaf collection project	100 pts
Scientific Name Quizzes	100 pts

Grade Scale:

<60	60	63	67	70	73	77	80	83	87	90	93-100
F	D-	D	D+	C-	C	C+	B-	B	B+	A-	A

Lecture & ID Quizzes: (7-11 quizzes total). Each quiz will be graded with a percentage. **The lowest quiz will be dropped.** The average percent grade of the remaining quizzes will be multiplied by 200 for the points that count toward your Lecture & ID quiz grade.

Exams/Final: Each exam is worth 100 points (300pts total). Exams will include material covered in lecture and lab. Final is not comprehensive. Details will be discussed closer to the time of each exam.

Study Guides: Worksheets assigned on Westernonline

Part of your grade will be based on filling out and turning in study guides that go along with the lectures. (150 pts total).

Leaf collection project: To become more familiar with details of leaves for ID purposes, you will be collecting and mounting leaves of 50 common tree species. Details will be described in lab. (100 pts) Your leaf project can be used for future reference. Project will be due Thursday November 4th.

Scientific Name Quizzes:

Below is a list of dates that you will have quizzes on scientific names. Learning/memorizing the scientific names of trees is important on a scientific and professional level. **Scientific name questions will be included on tests.** I have created packets of worksheets (you may feel like you are back in grade school) for you to work on memorizing common and scientific names of trees, their spelling and related family, genus and species. Each packet has a key. You are to study the key. For practice you can fill out the sheets on your own. You may use the key to correct the sheets. The combined quizzes will be part of your class grade (equal to a test, 100pts).

Sheet #s	Quiz dates
1-12	1-Sept
13-24	8-Sept
25-36	22-Sept
37-45	29-Sept
46-54	6-Oct
55-63	13-Oct
64-72	27-Oct
73-81	3-Nov
82-90	10-Nov
91-99	1-Dec

Attendance/ Participation:

You are expected to attend class and participate in discussions/activities offered face to face (or online if quarantine or in isolation). If a student is going to miss a class, it is his/her responsibility to notify the instructor in advance. **This must be done by utilizing the Online Absence Reporting System (OARS) at www.wiu.edu/oars.** It is the responsibility of the student to discuss the absence with the faculty member should the student desire to make up any academic work missed because of the absence.

Attendance on dates of tests: Test dates will be announced in advance. If you have some conflict with the date and time of a scheduled exam, you must notify the instructor **before** the exam (preferably via OARS & e-mail). The instructor will determine if you will be allowed to reschedule the exam.

Extended absence policy:

If a student misses three weeks worth of classes (continuously or cumulatively) the student will be asked to drop/withdraw from the course or have their cumulative grade reduced to 75% of what they have earned.

WIU Assignment and Cheating Policy:

Comparing and/or consulting on quiz or exam answers; use of unauthorized notes or aids (phones, etc..) during quizzes and tests as well as other acts of "cheating" in class or in the field may result in failing grades; in extreme cases even course failure.

I encourage you to obtain help if you do not understand a topic or an assignment. I am available at most any time outside of my classes to assist you. Please see my office hours for scheduling appointments face to face. (if face to face meetings are not possible, we can arrange to meet via Zoom or Google Meet.)

CLASS TOBACCO PRODUCT POLICY:

https://wiu.edu/student_services/student_development_office/handbook/noSmokingPolicy.php

In accordance with State law, there is no smoking in class or vehicles during field trips.

Chewing tobacco (and spitting chewing tobacco) in class is not permitted. Outdoor labs and field trip participation is considered as class – NO SMOKING or use of tobacco products is permitted.

CELL PHONE POLICY: Cell phone use in class is not permitted unless specifically noted by instructor for a specific task. We may be exploring some tree ID phone apps in some of the labs. Cell phone/smart phone use is strictly prohibited on quizzes and exams. Cell phones are not allowed in place of calculators on tests/quizzes. In order to participate in the WIU Emergency Alert System you are allowed to have your cell phones set to a silent mode.

http://www.wiu.edu/vpas/risk_management_and_emergency_preparedness/wiu_emergency_alert_system/index.php

Professional Cell Phone Conduct: PLEASE DO NOT answer phone calls or send text messages during class!

SPECIAL ACCOMMODATIONS FOR STUDENTS

Students who require special accommodations (academic or COVID) should contact the Disability Resource Center at 309.298.1884. sdsc@wiu.edu, http://www.wiu.edu/student_services/disability_resources/ or in 125 Memorial Hall. **Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.**

ATTENTION EDUCATION MAJORS:

The changes within the state certification require all education majors to receive a grade of a "C-" or better in this course in order to meet these requirements. With the university +/- grading system, receiving a "D+" or below will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

UNIVERSITY VALUES & TITLE IX:

University values, title IX, and other federal and state laws prohibit sex discrimination, including sexual assault/misconduct, dating/domestic violence, and stalking. If you, or someone you know, has been the victim of any of these offenses, we encourage you to report this to the Title IX Coordinator at 309-298-1977 or anonymously online at: http://www.wiu.edu/equal_opportunity_and_access/request_form/index.php. If you disclose an incident to a faculty member, the faculty member must notify the Title IX Coordinator. The complete Title IX policy is available at: <http://www.wiu.edu/vpas/policies/titleIX.php>.

NOTICES

Please be advised that **this syllabus is tentative**. We may or may not be able to address all of the content areas or stick with the anticipated number of tests or quizzes. **Any deviations from the syllabus will be announced as soon as possible.**

How COVID-19 is Changing Things:

Policy on Face Coverings in the Classroom

All students and faculty are required to wear a face covering at all times inside academic buildings. Western Illinois University will provide two (2) cloth face coverings to all instructors and students, and replace them when necessary. Individuals may use a personally purchased alternative face covering as appropriate. Employees and students are responsible for laundering their reusable cloth face coverings. It is the responsibility of University units to ensure compliance from employees and students under their purview. Units can also refer to the Centers for Disease Control and Prevention (CDC) guidance on face coverings with regard to type and fit, wearing, and washing. Additionally, no food or drink will be allowed in the classroom.

I plan on our class meeting outside, in person during lab periods. **Facemasks will not be required if we are outside and socially distanced.**

Please find a more detailed explanation of this policy at:

http://www.wiu.edu/policies/covid_facecovering.php

Policy on Testing and Vaccinations

Western Illinois University is currently not mandating the COVID-19 vaccine for students or employees for the fall 2021 academic year, however, this could change at any time depending on federal and state requirements. The University expects members of the campus community to receive their COVID-19 vaccine. All students, faculty, and staff who physically come to campus are REQUIRED to participate in COVID-19 testing. Individuals may opt out of testing if they provide **proof of vaccination**. Testing is required (1) time weekly for individuals who do not want to receive the vaccination or who have failed to show proof of vaccination.

Disciplinary Policy on Refusal to Wear a Face Covering

Exceptions to the policy require approval by WIU's Disability Resources Center (DRC) located within the Student Development and Success Center (SDSC) and the Office of Equal Opportunity and Access.

If a student refuses to comply with the policy, and does not have appropriate approval from the DRC, instructors and University officials can request that the student leave the class or activity. If a student is found to be in repeated violation of this policy, instructors and University officials can sanction the student through the student conduct process for violating the WIU Code of Student Conduct code number 17: *"Failing to comply with the directions of or obstructing University officials or law enforcement officers acting in performance of their duties and/or failure to positively identify oneself to these persons when requested to do so."*

Alternative Methods of Instruction

If the University does not permit our class to meet Face to Face at any point during the semester, we will continue the course in an alternative manner. However, I feel students learn tree ID better in person looking at and touching specimens!

(COVID Changes Cont.)

WIU Policy on Taking Attendance and Seat Assignments (COVID-19)

Due to the significant need for contact tracing, it is strongly recommended that faculty members maintain seating charts and take attendance for every face-to-face class meeting.

- Faculty are urged to take attendance and record daily for each face-to-face class.
- In the event that a student tests positive for COVID-19, it will be essential to identify who was in close proximity to the student for possible quarantine. Faculty members must assist contact tracers in this work.
- Taking daily attendance and maintaining consistent seating charts will help to prevent an entire class from the possibility of being quarantined for 14 days or more.

Special Accommodations for Students (COVID-19 related)

Students who require special accommodations (academic or COVID) should contact the Disability Resource Center at 309.298.1884.

The University is committed to accommodate the needs of those faculty members and students who are in circumstances where they or a person they live with are at risk. It is understood that some students may not be able to attend in-person classes if they, or a relative with whom they live, are immuno-compromised. To ensure degree completion, departments must have a plan/mechanism in place to deliver course content 100 percent remotely or alternately formatted to individual students if it is needed. If you have any questions please contact the Disability Resource Center at 309.298.1884, sdsc@wiu.edu, http://www.wiu.edu/student_services/disability_resources/