BOT 2410
GENERAL BOTANY

Lecturer: Dr. Michael L. Moody
Office Hours: By Appointment/Drop In
Office: Biology B306
Phone: 747-5087
email: mlmoody@utep.edu

COURSE MEETING AND LOCATION:
Lecture: M, W 10:30-11:50 (UGLC 346)
Labs: Thur. (Biology 324)
T.A.: Christopher Muñoz (cjmunoz3@miners.utep.edu),

TEXTBOOK (REQUIRED):

COURSE OBJECTIVES:
● recognize the importance and function of plants for society and the environment
● understand the evolution and diversification of plants
● understand how plants function from subcellular to whole plant level
● recognize the complex interactions among plants at a community and global level
● be justifiably amazed by plants in general

GRADING:
Lab assignments 20%  Drop one
Quizzes 10%  Drop two
iclicker 10%  Drop four
Group Presentation 15%  Will be described after 1st exam
Exam 1 15%  Sep. 27
Exam 2 15%  Oct. 30
Exam 3 15%  Dec. 6

Dropped scores are designed to cover any absences related to Covid, other illness or emergencies. There will not be additional accommodations made regarding grades.

Download Respondus: https://vimeo.com/456232383
https://download.respondus.com/lockdown/download.php?id=586140509
POLICY ON COVID:

- UTEP is now treating COVID the same as other infectious diseases. Testing and reporting to EH&S is no longer required by the university.
- **GET VACCINATED is highly encouraged.** If you still need the vaccine, it is widely available in the El Paso area. A new booster should be available sometime in Fall 2023.

POLICY ON MAKE-UP EXAMINATIONS: No make-up exams will be given for reasons other than extreme illness (*doctor's note required*), absence with the instructor's prior approval, or when a student is on official University business (*documentation required*). Make-up exams will be scheduled at the Instructor’s convenience.

POLICY ON ACADEMIC HONESTY: Academic Dishonesty will not be tolerated. It includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. This includes the use of ChatGPT or other AI programs to complete your assignments, written work, presentations, etc. If you have any questions regarding the university policy on scholastic dishonesty please contact the Dean of Students.

POLICY ON ELECTRONIC DEVICES: Be courteous to your fellow students and lecturer. Turn off any cell phones, smart phones, Blackberries, etc. during lecture. You cannot text, surf the internet, watch movies, listen to music, etc. in my class. *You will be asked to leave if this happens.*

ATTENDANCE POLICY: Regular attendance will be necessary for success in this class.

POLICY ON DISRUPTIVE BEHAVIOR: Any student who disrupts the class will be asked to leave and will be referred to the Dean of Students.

DISABILITY STATEMENT: If you have a disability and need classroom accommodations, please contact: The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass).

MILITARY STATEMENT: If you are a military student with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact me at the beginning of the semester.
# Schedule for General Botany (BOT 2410)  
*(Subject to modification)*

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Monday</th>
<th>Wednesday</th>
<th>Ch.</th>
</tr>
</thead>
</table>
| 1    | Aug 28-30      | M: Intro to Botany; What Is a Plant and Why Do We Care?  
W: Plants, People, Environment          |                                               | Ch. 1 & 24  
No Lab                           |
| 2    | Sep 4-6        | M: Labor Day – No Class  
W: Plant Diversity Overview, Plant Cell, Life Cycles |                                               | Ch. 2,3  
L1: Intro, Bot Garden |
| 3    | Sept 11-13     | M: Algae  
W: Plant Diversity – How We Measure Diversity |                                               | Ch. 18,19,20  
L2: Algae |
| 4    | Sept 18-20     | M: Early Land Plants - Bryophytes  
W: Tissue Systems; Vasculature               |                                               | Ch. 5, 20  
L3: Bryophytes                       |
W: EXAM 1                                     |                                               | Ch. 21  
L4: Ferns                           |
| 6    | Oct. 2-4       | M: Organ Systems: Roots, Stems  
W: Organ Systems: Leaves; Intro to Seeds            |                                               | Ch. 6,7,8  
L5: Roots & stems                     |
| 7    | Oct 9-11       | M: Tracheophytes – The Gymnosperms  
W: Intro to Flowers                          |                                               | Ch. 9,22  
L6: Leaves & Gymnos                   |
| 8    | Oct 16-18      | M: Flowers, Double Fertilization, Fruits  
W: Systematics, Flowering Plant Diversity         |                                               | Ch. 9, 18,23  
L7: Flowers                       |
| 9    | Oct 23-25      | M: Pollination and Dispersal  
W: Pollination and Dispersal                 |                                               | L8: Pollination, Fruit, Seeds   |
| 10   | Oct 30-Nov 1   | M: EXAM 2  
W: Photosynthesis, and Carbon Fixation         |                                               | Ch. 10,12  
L9: Phenology |
| 11   | Nov 6-8        | M: Plant Physiology  
W: Nutrients and Hormones                       |                                               | Ch. 12,13  
L10: Ecology I                        |
| 12   | Nov 13-15      | M: Behavior and Defense  
W: Mutualisms, Parasitisms, Co-evolution          |                                               | Suppl.  
L11: Ecology II                     |
| 13   | Nov 20-22      | M: Fungi  
W: No Class - Thanksgiving                       |                                               | No Lab (Turkey) |
| 14   | Nov 27-29      | M: Ecology & Ecosystems, Biomes  
W: Presentation Prep                            |                                               | Ch. 25-27  
Plant in the News Presentations   |
| 15   | Dec 4-6        | M: Ecology & Ecosystems, Biomes  
W: Exam 3                                      |                                               | Ch. 25-27  
No Lab                           |