

Plants and People

PBIO 103

Spring, 2007

Instructor: Jared L. DeForest, Ph.D.
Email: deforest@ohio.edu
Office: 309 Porter Hall
Phone: (740) 593-0742
Office Hours: By appointment or immediately after class (not on Fridays)
Lecture: MTuWF, 3:10-4:00, 135 Walter Hall
Website: <https://blackboard.ohiou.edu/>

Course Objectives:

This course centers on the relationship of plants to humans at several scales of understanding. Our goal is to explore the many uses of plants in our daily lives; understand how plants have shaped and alter civilizations, and learn about the ability of plants to mediate our climate. Likewise, you will gain insight into how humans have altered the distribution of plants and its impact on our environment. Course objectives will be met by using a combination of lectures, guest presentations on special topics, videos, and some in-class demonstrations.

Course Materials:

Simpson & Ogorzaly. 2001. **Economic Botany, Plants in Our World**. 3rd Edition. McGraw-Hill, NY. (Recommended)

Grades:

Course dates & grades are weighted as follows:

Exam I	45 points (22.5%)	Tuesday, April 17 th (4 th week)
Exam II	45 points (22.5%)	Tuesday, May 8 th (7 th week)
Quizzes	30 points (15%)	Tuesdays & Fridays
Final Exam	60 points (30%)	Tuesday, June 5 th @ 12:20-2:20
Attendance *	20 points (10%)	Random

*see attendance section

Missed exams will not be made up without adequate proof of legitimate absence as defined by the University Handbook. The 7 quizzes will be given during class and will be graded on a 5 point scale. If you are absent for ANY REASON, you will receive a zero. The lowest quiz grade will be dropped.

Grading Scale:	93-100%	A	90-92%	A-		
	87-89%	B+	83-86%	B	80-82%	B-
	77%-79%	C+	73%-76%	C	70-72%	C-
	67-69%	D+	63-66%	D	60-62%	D-
	<60%	F				

Attendance:

Attendance is required. Your success as a college student and in this course depends on your ability to attend class. A college education is not only to develop critical, creative, and practical thinking skills; it is to make you more responsible citizens. This includes having the responsibility to do many things within a set timeframe like attending all classes and on time. Therefore, I expect attendance at all class periods, which includes arriving on time and leaving only when class is dismissed. As such, attendance will be taken for every class period starting the second week of class. We will use card readers to record your attendance, so please bring your OU ID card to class everyday. I will randomly assign 10 class periods where you will receive 2 points for your presence. Likewise, I will assign non-graded assignments in class as an additional metric of your attendance. To provide an additional incentive, students having perfect attendance will receive 5 bonus pts which will be added to their final grade.

Classroom etiquette:

Walter Hall 135 is a large lecture room and can hold over 200 students. With such a large class, a few people can greatly diminish my ability to create a significant learning experience for many students. When attending class, please be courteous for your fellow classmates by following proper classroom etiquette. This includes refraining from, but not limited to, arriving late or leaving early, talking/sleeping during class, reading noisy material in class (e.g. newspaper), listening to music, or receiving/making cell phone calls. Please turn off your cell phone prior to class.

Dishonesty:

Cheating of any kind, including misrepresenting why an exam was missed or skipping class after taking attendance is a violation of academic honesty. Violations will result in a lower grade or dismissal from the class with a failing grade. Even the appearance of cheating may result in a lower grade, so try not to put yourself into that situation.

Students Requiring Accommodations:

Students must register with disability services and provide me with your accommodation letter. This includes scheduling time with me outside of class to discuss your accommodation needs. I must be provided with five business day notice of testing accommodations before the test date, if not more, to ensure the availability of accommodation. If you are not registered with disability services and believe that you are in need of accommodations, please contact disability services at 593-2620.

Topic Schedule (subject to change)

Week	Date	Day	Topic	Chapter	Quiz/Exam/Demo
1	Mar 26	M	Introduction Part I		Dr. Vis
	Mar 27	Tu	Slide show: French Guiana		Dr. Ballard
	Mar 28	W	Introduction Part II & Basic Botany	1	
	Mar 30	F	In the beginning...		
2	Apr 2	M	Origins of Agriculture	2	
	Apr 3	Tu	Temperate Fruit Types	3	
	Apr 4	W	Temperate Fruits	3	
	Apr 6	F	Tropical Fruits	4	Quiz 1
3	Apr 9	M	Grains & Grasses	5	
	Apr 10	Tu	Legumes	6	Demo: Making Soy Milk
	Apr 11	W	Root Crops	7	
	Apr 13	F	Leaf & Stem Crops	7	Quiz 2
4	Apr 16	M	Crop Improvement		Video
	Apr 17	Tu	***		Exam 1
	Apr 18	W	Spices & Herbs	8	
	Apr 20	F	Vegetable Oils & Waxes	9	
5	Apr 23	M	Hydrogels	10	
	Apr 24	Tu	Medicinal Plants	11	Quiz 3
	Apr 25	W	Salve & Herbals		Video
	Apr 27	F	Poisonous Plants	12	
6	Apr 30	M	Psychoactive Drugs	12	
	May 1	Tu	Tea & Coffee	13	Quiz 4
	May 2	W	Chocolate	13	
	May 3	F	Fair Trade Products		Video
7	May 7	M	The History of Alcohol		
	May 8	Tu	***		Exam 2
	May 9	W	Ales, Lagers, & Meads	14	
	May 11	F	Making a English Pale Ale		Demonstration
8	May 14	M	Wine & Spirits	14	
	May 15	Tu	Fibers, Dyes & Tannins	15	Quiz 5
	May 16	W	Anatomy of Trees & Forests	16	
	May 18	F	Ornamental Plants & Wood Products	16	
9	May 21	M	Exotic & Invasive Plants		
	May 22	Tu	Plants Fixing Human Disturbance		Quiz 6
	May 23	W	Plants & Climate Change		
	May 25	F	Plants as a Fuel Source	19	
10	May 28	M	NO CLASS - Memorial Day		
	May 29	Tu	Food: Organic vs. Genetic	19	Quiz 7
	May 30	W	Algae as Food Products	18	Dr. Vis
	June 1	F	Review for Final Exam		