

BIOL 4000/6000 – Ethnobotany

Fall Semester 2019

Instructor: Dr. Carter
Office: BC 1105
Herbarium: BC 1040



Office Hours: BC 1040 or BC 1105
Mon & Wed 1:00–1:50 PM; 3:15–4:00 PM;
other times by appointment

Telephone: (229) 333-5338

Weekly Course Schedule

e-mail: Please use the mail tool in BlazeVIEW.

Mon	Lec	2:00–3:15 PM, BC 1024
Wed	Lec	2:00–3:15 PM, BC 1024

Course Description

Pre-requisite: Completion of Core Area D. A survey of the use of plants by humans, including the significance of plants in sustaining human life, the diversity, origins, and history of plant uses, the origins of agriculture, and the roles of science and technology in enhancing agricultural production. [3-0-3]

Lecture contact: 75 mins X 30 lectures = 2250 mins

Credit: 3 semester hrs

Assessment of Learning

- Three examinations will be given.
- Various miscellaneous assessments will be given.

Required Text

- Simpson, B.B. and M.C. Ogorzaly. 2014. *Plants in our World*, 4th Ed., McGraw-Hill, New York. 529 pp.

Miscellaneous Required Items

- Pencils or pens for recording notes, etc.
- Notebook

Attendance and punctuality. Regular attendance and punctuality are expected. The student is responsible for all material missed, regardless of the reason for absence. Students arriving late for class should enter the lecture room quietly and take the nearest seat to avoid disruption. Attendance will normally be taken at the beginning of the period. Students who arrive after the roll is called are counted absent unless they inform their instructor immediately after class of their tardiness. It is the student's responsibility to inform the instructor of her/his tardiness. Each three cases of tardiness will be counted as one absence, and cases of tardiness will be counted as absences thusly, unless a satisfactory explanation is provided to the instructor by the student. It is the instructor's prerogative to have the explanation in writing. Any scheduling problems or other extenuating circumstances necessitating chronic tardiness should be explained to the instructor in writing and properly documented at the beginning of the semester. In order to have an absence excused, the student must provide a written explanation with proper documentation immediately upon returning to class. Providing an explanation of absence or tardiness by the student does not insure that the absence or tardiness will be excused. The instructor shall determine the validity of all excuses. Students absent from more than 20% of the regularly scheduled lecture periods are subject to failure in the course, as detailed under Absence Regulations in the VSU Undergraduate Catalog. Points will be deducted from the final grade for excessive unexcused tardiness or absence.

BlazeVIEW D2L. A variety of course resources and materials will be made available through BlazeVIEW, and it will also be used to post announcements and grades and to administer assignments and assessments. Students should log onto BlazeVIEW daily in order to check for course announcements. Also, the Mail tool in BlazeVIEW provides a convenient means for students to contact their instructor and one another, and it should always be used to communicate about matters relating to the course. To access BlazeVIEW, select the link under the Current Students tab on the Valdosta State University homepage. Students experiencing difficulties using BlazeVIEW

should seek assistance through the VSU Information Technology HELP-Desk in Odum Library (telephone 245-4357).

Examinations. Three unit examinations will be given during the semester, one of these prior to midterm. The exams will be announced at least one week in advance. Each of these exams accounts for 250 points in determining the overall course grade. The third unit examination will be given during the final examination period.

Miscellaneous assessments. A number of miscellaneous assessments will be given during the semester. These may include unannounced pop quizzes or other assignments. Some assessments will be given spontaneously and completed during the scheduled lecture period and cannot be made up. Some assessments may be given through BlazeVIEW. Each student will be required to participate in a citizen science service learning project transcribing data from 100 plant specimen labels on-line through Notes from Nature (NfN). It is estimated that completion of this project will require three to four hours. Instructions will be provided through BlazeVIEW. *The deadline for completing this project is the official midterm date in early October.* Collectively, miscellaneous assessments account for 250 points in determining the overall course grade.

General assessments	150 points
Citizen science service learning	100 points

Graduate credit. Students registered for BIOL 6000 credit will be required to complete and submit a term project for grading (200 points) and will from time-to-time assist the instructor in administering assessments. Graduate students should meet with their instructor during the first week of the semester to discuss their project assignments.

Grading. If a student thinks an error has been made in grading an examination, quiz, or any other assignment, s/he should communicate about this directly with the instructor *within one week* of the instructor's returning of the graded examination, quiz, or assignment. The final course average is calculated as follows.

BIOL 4000

A = 900-1000 points
B = 800-899 points
C = 700-799 points
D = 600-699 points
F = <600 points

Allocation of points:

Exam 1	250 points
Exam 2	250 points
Exam 3 (Final Exam)	250 points
Miscellaneous assessments	250 points
Total	1000 points

BIOL 6000

A = 1100-1200 points
B = 1000-1099 points
C = 900-999 points
D = 800-899 points
F = <800 points

Allocation of points:

Exam 1	250 points
Exam 2	250 points
Final Exam	250 points
Miscellaneous assessments	250 points
Term project	200 points
Total	1200 points

Meeting the minimum point requirement for a letter grade does not necessarily assure that the student will receive that grade. Assignment of the final grade is the prerogative of the instructor and will be based upon each individual student's overall performance, including patterns of consistency, trends toward improvement, and positive attitude as shown through attendance, participation, and cooperation.

Class conduct. Students are expected to comport themselves courteously at all times during lecture. Disruptive behavior will not be tolerated, and students behaving in a disruptive manner will be asked to relinquish their VSU student identification card and will be removed from class and referred to the Dean of Students for disciplinary action. Refer to the Student Code of Conduct, Appendix A in the VSU *Student Handbook*. Consumption of food or drink (including water) and wearing of hats or caps is prohibited in the lecture room. Students should be punctual for all scheduled lecture meetings, and, except in situations of emergency, students should not depart from lecture before being dismissed. Students are to direct their full attention to lecture and are to refrain from unwarranted

discourse. Behavior contrary to these guidelines is disruptive. Disruptive behavior will result in deduction of points from the final grade.

Use of cellular telephones, pagers, digital cameras, and other such communication devices. Use of cellular telephones, pagers, or any similar communication device or digital camera is prohibited during lecture, examinations, or quizzes, unless expressly authorized by instructor. If students bring cellular telephones or any other similar devices to lecture, it is their responsibility to switch them off prior to the beginning of the lecture period. Ringing, buzzing, or any other sounds emitted from such devices will be treated as disruptive behavior on the part of the owner/possessor, and the owner/possessor will be asked to leave lecture immediately.

Academic integrity. Students are encouraged to work together and to learn from one another in an appropriate manner. Cooperation between students is especially encouraged in study outside of class. However, students should bear in mind that most work ultimately must be done individually and independently. All examinations, tests, and quizzes are given to students individually and are to be completed independently. Cooperation by students on quizzes, tests, or examinations is prohibited and constitutes cheating. Unless otherwise indicated, quizzes, tests, and examinations are taken strictly from memory without use of textbooks, notes, cell phones, headphones, or other communication devices. Unless otherwise indicated, assignments and assessments are to be completed individually and independently. Behavior contrary to these guidelines is prohibited and constitutes cheating. Plagiarism and cheating will not be tolerated and will be prosecuted to the full extent allowed by University policy and the law.

Title IX Statement. Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valdosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Students with disabilities. Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V) and 229-375-5871 (VP). For more information, please visit VSU's Access Office.

Student Opinion of Instruction (SOI). At the end of the term, students are expected to complete an online SOI survey through SmartEvals. Students will receive email notification through their VSU email addresses when the SOI is available, generally at least one week before the end of the term. SOI responses are anonymous, and instructors and administrators will be able to access the results only after final grades have been submitted. Students who withdraw or drop a course will also be sent invitations to complete the Dropped Course Survey. Complete information about the SOIs, including how to access the survey, is available on the [SOI Procedures webpage](#).

Tentative Course Outline

Week of Aug 19

Classes begin – Mon, Aug 19

Introduction to Course

What is ethnobotany?

What is a plant?

Plants are essential for human survival!

Chapter 1, Plants in Our World

Week of Aug 26

Chapter 2, Origins of an Agricultural Way of Life

Week of Sep 2

Labor Day Holiday – Mon, Sept 2

Chapter 3, Human Manipulation of Plants

Introduction to the Herbarium

Week of Sep 7

Chapter 4, Fruits and Nuts of Temperate Regions

Chapter 5, Fruits and Nuts of Warm Regions

Week of Sep 16

Chapter 6, Old World Grains

Chapter 7, New World Grains and Forage Grasses

Week of Sep 23

Chapter 9, Food from Stems and Leaves

Week of Sep 30

Chapter 8, Legumes

Week of Oct 7

Fall Break – Mon–Tues, Oct 7–8

Chapter 10, Foods from Roots, Tubers and Rhizomes

Midterm date – Thurs, Oct 10

Week of Oct 14

Chapter 11, Vegetable Oils and Waxes

Week of Oct 21

Chapter 12, Hydrocolloids, Elastic Latexes, and Resins

Week of Oct 28

Chapter 13, Herbs, Spices, and Perfumes

Week of Nov 4

Chapter 14, Medicinal Plants

Week of Nov 11

Chapter 15, Psychoactive Drugs and Poisons from Plants

Week of Nov 18

Chapter 16, Stimulating Beverages

Chapter 17, Alcoholic Beverages

Week of Nov 25

Chapter 18, Fibers, Dyes, and Tannins

Chapter 19, Wood, Cork, and Bamboo

Thanksgiving Holiday – Wed–Fri, Nov 27–29

Week of Dec 2

Chapter 20, Ornamental Plants

Chapter 21, Future Trends

Week of Dec 9

Last class day – Mon, Dec 9

Final Examination – Tues, Dec 10, 2:45–4:45 PM
