

Instructor: Dr. Ed Schilling  
 Office: 323 Hesler, 974-3065  
 e-mail: eschilling@utk.edu

TA: Aaron Floden  
 322 Hesler, 974-3065  
 afloden@vols.utk.edu

Class Time: Tuesday-Thursday 12:40-3:25

Place: 304 Hesler Biology Building

Textbook: Guide to the Vascular Plants of Tennessee (required)

Required: Field Book; Hand Lens (10X) – for field trips

Date	Day	Topic	Date	Day	Topic
8/18	Thur.	Introductory Material	10/11	Tues.	Fern life cycle, ferns, orchids
			10/13	Thur.	Ag Campus, Trial Gardens
8/23	Tues.	Introductory Material	10/18	Tues.	Pine Life Cycle, Keying Final
8/25	Thur.	Introductory Material	10/20	Thur.	WeDigBio exercise
8/30	Tues.	Field Trip (Eastern State*)	10/25	Tues.	Flowering plant life cycle, fruits
9/01	Thur.	<i>UT Closed – No Class</i>	10/27	Thur.	Invasive species, Herbarium Tour
9/06	Tues.	Field Trip (Melton Hill*)	11/01	Tues.	Field Trip – Dean's Woods
9/08	Thur.	Keying/Families	11/03	Thurs.	Invasives
9/13	Tues.	Keying/Families	11/08	Tues.	Woody plants
9/15	Thur.	Midterm Exam	11/10	Thurs.	
9/20	Tues.	Field Trip (Turkey Creek*)	11/15	Tues.	Woody plants
9/22	Thur.	Keying/Families	11/17	Thurs.	
9/27	Tues.	Field Trip (south Knox*)	11/22	Tues.	
9/29	Thur.	Keying/Families	11/24	Thurs.	Thanksgiving
10/04	Tues.	Grasses, Sedges	12/1	Tues.	Review
10/06	Thur.	FALL BREAK	12/7	WED.	Final Exam

\*Field trip destinations subject to change to reflect field conditions

### Grading:

Exam I (9/15)	50 pts	92%+	A	78-79%	C+
ID Quizzes	50 pts	90-91%	A-	72-77%	C
Participation	50 pts	88-89%	B+	70-71%	C-
Final Exam (11/3)	100 pts	82-87%	B	60-69%	D
		80-81%	B-	0-59%	F
Total	250 pts				

Learning Objectives: (1) Learn how to identify plants using a field manual; (2) Learn to recognize on sight the major families of flowering plants; (3) Learn to recognize on sight about 100 species of plants.

EEB 330 is part of the Connections Package "Biodiversity and Humans" in the College of Arts and Sciences curriculum. In this course, we study diversity of plants. This investigation will help us understand how biodiversity is explored and documented by humans; how biodiversity can be increased or decreased by human activity and environmental changes; and how changes in biodiversity affect human society and the natural world.