

PLSOILIN 100

Botany for Gardeners

Class Description:

This class provides the student with an introduction to plant science and horticulture. Some portion of the class will be spent out of doors and in the greenhouse to give students hands-on experience with growing plants.

Instructor:

Dr. Wesley Autio

Office:	205 Bowditch Hall
Telephone:	545-2963
Email:	autio@pssci.umass.edu
Office hours:	by appointment

Class Meetings:

Tuesday, Thursday; 11:15 AM - 12:30PM; 102 French Hall.

Required Reading:

Capon, Brian. 2005. *Botany for Gardeners*. Timber Press, Portland, OR.

Pollan, Michael. 2001. *The Botany of Desire: A Plant's-Eye View of the World*. Random House, New York, NY.

Grades:

1. Three one-hour exams (February 17, April 7, and May 5) will each be worth 30% of the final grade. The remaining 10% of the grade will be based on a group project.
2. Make-up exams will be given only under unusual circumstances, such as serious illness or death in the immediate family. Oversleeping, forgetfulness, car troubles, head-cold, and too many exams are not legitimate excuses for missing an exam. In the event of illness or other serious problem, contact the instructor BEFORE an exam if at all possible. If a make-up exam is given, it may take any form, such as essay or oral questioning.
3. Grades will follow the standard ranges: A=93-100; A-=90-92; B+=88-89; B=83-87; B-=80-82, C+=78-79; C=73-77; C-=70-72; D+=68-69; D=63-67; D-=60-62; F<60.

PLSOILIN 100 – Class Schedule – Spring 2009

	Date	Day	Lecture/Lab Topic
January	27	Tuesday	Introduction
	29	Thursday	Anatomy
February	3	Tuesday	Anatomy and Propagation
	5	Thursday	<i>Propagation Laboratory</i>
	10	Tuesday	Propagation
	12	Thursday	Anatomy and Exam Review
	17	Tuesday	EXAM 1
	19	Thursday	<i>Grafting Laboratory</i>
	24	Tuesday	Soils
	26	Thursday	<i>Soil and Transplanting Laboratory</i>
	March	3	Tuesday
5		Thursday	Plant Utilization
10		Tuesday	Plant Adaptation
12		Thursday	<i>BOD Workday</i>
24		Tuesday	<i>Sweetness/Beauty Presentations</i>
26		Thursday	<i>Intoxication/Control Presentations</i>
31		Tuesday	Hormones and Exam Review
April		2	Thursday
	7	Tuesday	EXAM 2
	9	Thursday	Growth and Growth Processes
	14	Tuesday	Mineral Nutrition
	16	Thursday	<i>Fertilization Laboratory</i>
	21	Tuesday	MONDAY SCHEDULE – NO CLASS
	23	Thursday	Environmental Effects on Plant Growth
	28	Tuesday	Genetics
	30	Thursday	Plant Taxonomy and Exam Review
May	5	Tuesday	EXAM 3
	7	Thursday	<i>Extra-credit Project Presentations</i>
	12	Tuesday	<i>Garden Planting Laboratory</i>
