

**PLB 200 GENERAL PLANT BIOLOGY  
 SPRING SEMESTER 2008  
 LECTURE SCHEDULE**

<b>DATE</b>	<b>TOPIC</b>	<b>CHAPTER</b>
Jan. 14	Introduction to PLB 200	
Jan. 16	Why Plants?	1
Jan. 18	Plants and People	2
Jan. 21	<b>Martin Luther King Day</b>	
Jan. 23	Seeds	Lecture Notes
Jan. 25	Spores and Pollen.	Lecture Notes
Jan. 28	Molecules to Organisms	3
Jan. 30	Molecules and Secondary Metabolites	3
Feb. 1	Cells	4
Feb. 4	Cells	4
Feb. 6	Cell Division and Meristems	7
Feb. 8	<b>Exam 1</b>	
Feb. 11	Types of Plant Cells	8
Feb. 13	Primary Growth and Tissues	8
Feb. 15	Stem Structure	9
Feb. 18	Movement through Xylem and Phloem	9
Feb. 20	Secondary Growth and Secondary Tissues	9
Feb. 22	Root Function	10
Feb. 25	Mineral Nutrition	10
Feb. 27	Leaf Structure	11
Feb. 29	Leaf Structure/ Function - Photosynthesis	5
Mar. 3	Photosynthesis	5
Mar. 5	<b>Exam II</b>	
Mar. 7	Plant Behavior	12
Mar. 10-14	<b>SPRING BREAK</b>	
Mar. 17	Plant Behavior	12
Mar. 19	Nucleic Acids	6
Mar. 21	Protein Synthesis	6
Mar. 24	Genetics	14
Mar. 26	Genetics	14
Mar. 28	Genetic Engineering	15
Mar. 31	Cell Division-Meiosis	13
Apr. 2	Plant Life Cycle	13
Apr. 4	Plant Life Cycle	13
Apr. 7	<b>Exam III</b>	
Apr. 9	Plant Diversity	Lecture Notes
Apr. 11	Plant Diversity	Lecture Notes
Apr. 14	Ecology	25
Apr. 16	Ecology	25
Apr. 18	Ecosystems	26
Apr. 21	Ecosystems	27
Apr. 23	Seed Plants-Gymnosperms	22
Apr. 25	Flowering Plants - Flowers	23
Apr. 28	Flowering Plants – Fruits and Seeds	23
Apr. 30	<b>Exam IV</b>	
May 1	Seeds and Corn	
<b>May 7</b>	<b>FINAL from 3:10-5:10</b>	

**PLB 200 - GENERAL PLANT BIOLOGY  
SPRING SEMESTER 2008  
GENERAL INFORMATION**

**Schedule:** MWF 2:00-2:50, Room 133, Lindegren

**Instructor:** Dr. Karen S. Renzaglia

**Office:** Room 459C, Life Science II   **Phone:** 536-2331   **E-mail:** Renzaglia@plant.siu.edu

**Office Hours:** MW 3:00-4:00 or by appointment

**Text:** Graham, Graham and Wilcox, *Plant Biology*, 2006, 2nd Edition.

**Labs:** labs meet in LS II, Room 480. **Section 01 is canceled;** 02 = Tues. 12:00 – 1:50; 03 = Tues. 2:00 – 3:50; 04 = Wed. 10:00-11:50; 05 = Wed. 3:00-4:50.

**Lab Manual:** *Plant Biology*, Laboratory Manual, 2006, Tschunko

**Grading:** The grade scale for the course (lecture and lab combined) will be:  
A = 90+%, B = 80 - 89%, C = 70 - 79%, D = 60 - 69%, F = less than 60%

**Final: Wednesday , May 7, 3:10-5:10 p.m.**

**Exams:** There will be four "mid-term" exams, each following approximately eight lectures. These exams will be worth 100 points each and will cover only the portion of the material since the last exam. **The lowest exam score you receive during the semester will be dropped. Because of this policy, there will be no make-up exams offered.**

**Web site:** <http://www.plantbiology.siu.edu/PLB200/index.html>

**Final:** A comprehensive final will be given at 3:10-5:10 on Wednesday May 7, 2008. It will be worth 100 points. **The final is included as one of the 100 point exams you may drop. This means that if you are satisfied with your grade on the four lecture exams, you will not have to take the final.**

**Attendance:** It is your choice to attend classes. Be aware of the fact that some of the material presented will not be in any chapter of the book. Also note that there is a high correlation in this course between final grade and number of classes attended. Stated another way, those who attend class generally perform at a higher level. **Unannounced extra point quizzes and assignments will be given to encourage attendance throughout the semester.**

**Breakdown of points for the course:**

*Lab points:*

Attendance, Participation and Weekly Assignments	110 pts
Fern Report	25 pts
Group Presentation	25 pts
Quizzes (10 @ 5 pts. each, 2 lowest dropped)	<u>40 pts</u>

**Lab Total**        **200 pts**

<i>Lecture points:</i> 4 Exams and Final Exam	<b>Lec Total</b> <b>400 pts</b> (5 exams, drop one)
	<b>TOTAL COURSE</b> <b>600 pts</b>