

Course Outline

DATE	LECTURE	TEXT (Chapters)	LABORATORY
Jan. 5	Introduction	1	No lab this week
9	Cells & tissues	2, 3, 23	Organs, cell types & tissues
12	Roots	24	
16	Stems	25	Roots & stems
19	Secondary growth	26	
23	First land plants	1, 12	Secondary growth
26	Bryophytes	16	Evolution project due this week
30	Bryophytes	16	Leaves & modified plant organs
Feb. 2	MIDTERM I		
6	First vascular plants	17	LAB EXAM 1
9	Lycophytes & equisetophytes	17	
13	Reading Break		Reading Break – no labs
16	Reading Break		
20	Ferns	17	Evolution, life cycles & bryophytes
23	Progymnosperms & first seed plants	18	
27	Cycads	18	Lycophytes & monilophytes
Mar. 2	Ginkgo & conifers	18	Bryophyte project due this week
6	Conifers	18	Gymnosperms
9	Gnetophytes	18	
13	MIDTERM II		Anthophyta (flowers)
16	Angiosperms - flowers	19, 22	
20	Angiosperms - gametophytes	19	Anthophyta (fruits and seeds)
23	Angiosperms - pollination	20	Anthophyte project due this week
27	Angiosperms - seed & fruit	20	LAB EXAM 2
30	Angiosperms - diversity	20	
Apr. 3	Land plant evolution and ecology	20	