

BIOLOGY 366 - COURSE SYLLABUS, LECTURE, AND LABORATORY SCHEDULE – SPRING 2008

LAB DATE/ DAY	LABORATORY TOPIC	LECTURE DATE/DAY	LECTURE TOPIC	TEXTBOOK* READINGS
Jan. 14, Mon.	No labs			
		Jan. 15, Tue.	Course overview	Chapter 1
Jan. 16, Wed.	Classification exercise			
		Jan. 17, Thur.	Principles of classification	Chapters 15, 16
Jan. 21, Mon.	MLK day; no labs			
		Jan. 22, Tue.	Vegetative parts of plants	Chapter 9
Jan. 23, Wed.	Vegetative morphology			
		Jan. 24, Thur.	Flowers and their evolution	Chapter 9
Jan. 28, Mon.	Flowers I			
		Jan. 29, Tue.	Fruits and their evolution	Chapter 9
Jan. 30, Wed.	Flowers II and inflorescences			
		Jan. 31, Thur.	Scientific names	Ch.16, Append. I
Feb. 4, Mon.	Fruits			
		Feb. 5, Tue.	Phenetic methods	Chapters 1, 2
Feb. 6, Wed.	Floras: using keys			
		Feb. 7, Thur.	Phylogenetic analysis, part I	Chapter 2
Feb. 11, Mon.	Cladistics lab			
		Feb. 12, Tue.	Phylogenetic analysis, part II	Chapter 2
Feb. 13, Wed.	Review			
		Feb. 14, Thur.	Angiosperm origins	Chapters 4, 5, 6
Feb. 18, Mon.	Exam I (covers through Feb. 12)			

LAB DATE/ DAY	LABORATORY TOPIC	LECTURE DATE/DAY	LECTURE TOPIC	TEXTBOOK* READINGS
		Feb. 19, Tue.	Basal Angiosperms and Magnoliid complex	Chapter 7
Feb. 20, Wed.	Magnoliid complex			
		Feb. 21, Thur.	Monocots, part I	Chapter 7
Feb. 25, Mon.	Monocots, part I			
		Feb. 26, Tue.	Monocots, part II	Chapter 7
Feb.27, Wed.	Monocots, part II			
		Feb. 28, Thur.	Basal tricolpates & Caryophyllids I	Chapter 8
Mar. 3, Mon.	Basal tricolpates & Caryophyllids I			
		Mar. 4, Tue.	Basal tricolpates & Caryophyllids II	Chapter 8
Mar. 5, Wed.	Basal tricolpates & Caryophyllids II			
		Mar. 6, Thur.	Eurosids, part I	Chapter 8
Mar. 10, Mon.	Eurosids, parts I			
		Mar. 11, Tue.	Eurosids, part II	Chapter 8
Mar. 12, Wed.	Exam II (covers through Mar. 5)			
		Mar. 13, Thur.	Eurosids, part III	Chapter 8
Mar. 17 & 19	SPRING BREAK			
		Mar. 18 & 20	SPRING BREAK	
Mar. 24, Mon.	Eurosids, part II			
		Mar. 25, Tue.	Euasterids, part I	Chapter 8
Mar. 26, Wed.	Eurosids, part III			
		Mar. 27, Thur.	Euasterids, part II	Chapter 8
Mar. 31, Mon.	Euasterids, part I			
		Apr. 1, Tue.	Plant speciation I	Chapters 1, 13
Apr. 2, Wed.	Euasterids, part II			

LAB DATE/ DAY	LABORATORY TOPIC	LECTURE DATE/DAY	LECTURE TOPIC	TEXTBOOK* READINGS
		Apr. 3, Thur.	Plant speciation II	Chapter 13
Apr. 7, Mon.	Exam III (covers to Euasterids Apr. 2)			
		Apr. 8, Tue.	Molecular systematics I	Chapter 14
Apr. 9, Wed.	Biosystematics exercise			
		Apr. 10, Thur.	Molecular systematics II	Chapter 14
Apr. 14, Mon.	Molecular systematics discussion			
		Apr. 15, Tue.	Nomenclature I	Ch.16, Append. I
Apr. 16, Wed.	Nomenclature lab/discussion			
		Apr. 17, Thur.	Nomenclature II	Ch.16, Append. I
Apr. 21, Mon.	Campus and local plants			
		Apr. 22, Tue.	<i>“Death Trap: The Movie”</i>	none
Apr. 23, Wed.	Campus and local plants			
		Apr. 24, Thur.	TBA	none
Apr. 28, Mon.	Campus and local plants			
		Apr. 29, Tue.	Review session	none
Apr. 30, Wed.	Exam IV (cumulative)			
		May 1, Thur.	Plant Family Feast – 112 Bessey	none

* Textbook Readings in: Simpson, Michael G. (2006) *Plant Systematics*. Elsevier Academic Press, New York