

## Biology 2410 - General Botany - Fall 2007

Instructor: Dr. David E. Lemke

Office: SUPP 334 Office Hours: MWF 11:00–12:00, TuTh 8:00–9:00 or by appt.

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### Lecture Schedule

Aug	23	Introduction	Ch. 1, pp. 2–16
	28	Plants and People	Ch. 2, pp. 18–31
	30	Nomenclature and Classification	Ch. 17, pp. 298–311
Sep	06	Prokaryotic Organisms	Ch. 18, pp. 314–331
	06	Introduction to Eukaryotic Organisms	Ch. 4, pp. 58–78
	11	Algae	Ch. 19, pp. 334–355
	13	Fungi	Ch. 20, pp. 358–371
	18	Lichens	Ch. 20, pp. 372–374
	20	EXAM I	
	25	Introduction to Morphology	Ch. 8, pp. 134–144
	27	Stems	Ch. 9, pp. 150–168
Oct	02	Roots	Ch. 10, pp. 170–186
	04	Leaves	Ch. 11, pp. 190–208
	09	Photosynthesis	Ch. 5, pp. 80–82, 85–89
	11	Transport in the Plant Body	
	16	Plant Hormones	Ch. 12, pp. 210–224
	18	EXAM II	
	23	Plant Life Cycles	Ch. 13, pp. 226–232, 239–241
	25	Bryophytes: Mosses and Liverworts	Ch. 21, pp. 376–390
	30	Ferns and Fern Allies	Ch. 21, pp. 390–398
Nov	01	Seed Plants: Gymnosperms and Angiosperms	Ch. 22, pp. 400–416
	06	The Flowering Plants	Ch. 23, pp. 418–427
	08	Flowering Plants (cont'd)	Ch. 23, pp. 427–432
	13	Coevolution of Plants and Animals	Ch. 24, pp. 440–458
	15	EXAM III	
	20	Introduction to Ecology	Ch. 25, pp. 460–471
	20	Plants and Ecosystems	Ch. 25, pp. 471–480
	27	Terrestrial Ecosystems: Biomes	Ch. 27, pp. 512–542
	27	Biomes (cont'd)	Ch. 26, pp. 482–509
	29	Aquatic Ecosystems	Ch. 28, pp. 544–569
Dec	11	EXAM IV (8:00–10:30)	

Grading:	Lecture Exams (4)	60%
	Lab Quizzes (10)	30%
	Lab Drawings	10%

Important Dates: Oct 23 Auto “W” deadline  
Nov 19 Final drop date

Text: Graham, L. E., J. M. Graham and L. W. Wilcox. 2006. *Plant Biology*, 2<sup>nd</sup> ed. Prentice-Hall Publishers, Upper Saddle River, NJ. (ISBN 0-13-146906-1) (<http://www.prenhall.com/plantbio>)