

CONCEPTS IN BIOLOGY
BIOLOGY 120 - FALL 1993
Dr. Eloise Carter

Lecture Schedule

		Chapters
Aug. 24	Introduction to course; Scientific inquiry	1
26	Concepts in biology	1
31	Ecosystems: structure and energy flow	33
Sept. 2	Ecosystems: nutrient cycling	33
7	Biological molecules	2
9	Cell structure and function	3
14	Cell membrane and cellular transport	3
16	EXAM I	
21	Cell Reproduction; mitosis and meiosis	7, 8
23	Mendelian genetics	9
	JOURNALS DUE	
28	Genes and Chromosomes	10
30	Human genetics	
Oct. 5	DNA Structure, protein synthesis	11, 12
7	***FALL BREAK***	
12	Molecular genetics	13
14	EXAM II	
19	History of evolutionary thought	14
21	Evidence for evolution	15
	JOURNALS DUE	
26	Animal diversity	19
28	Animal physiology: digestion and nutrition	23, 25
Nov. 2	Energy; cellular respiration	4, 6
4	Animal physiology: circulation and gas exchange	26, 28
9	Immune system and AIDS	27
11	EXAM III	
16	Animal reproduction and development	32
18	Plant structure and function	20
23	Photosynthesis	5
	JOURNALS DUE	
25	***THANKSGIVING***	

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	30	Plant reproduction	21,22
Dec.	2	Pollination biology; review	

*****FINAL EXAM***** *Wednesday, December 8 2:00 - 5:00*

TEXT: Biology: Concepts and Applications, Cecie Starr, 1991,
Wadsworth Publishing Co.

LECTURE: Pierce 101, 11:00 - 12:30 Tues/Thurs

LABORATORY: Pierce 123, Wednesday, 2-5 p.m.

OFFICE HOURS: Tuesday and Thursday 10-11 a.m., or by
appointment. Pierce 105