

COURSE SYLLABUS

#	DATE	TOPIC	READING (<i>BIOLOGY, 8TH ED.</i>)	HOMEWORK (DISCUSS IN SECTIONS)
1	Tues. 3/29	Building Blocks (Dr. Kadandale)	Chapters 1-3	Problem Set 1
2	Thur. 3/31	Macromolecules I (Dr. Kadandale)	Chapters 4-5	
3	Tues. 4/5	Macromolecules II	Chapter 5	Problem Set 2
4	Thur. 4/7	Cellular Architecture/Organelles	Chapter 6	
5	Tues. 4/12	Membranes	Chapter 7	Practice Exam
	Thur. 4/14	MIDTERM 1	Lectures 1-5; Chapters 1-7	<i>Review Session TBD</i>
6	Tues. 4/19	Metabolism	Chapter 8	Problem Set 3
7	Thur. 4/21	Respiration	Chapter 9	
8	Tues. 4/26	Photosynthesis	Chapter 10	Problem Set 4
9	Thur. 4/28	The Cell Cycle	Chapters 12	
10	Tues. 5/3	Meiosis	Chapter 13	Practice Exam
	Thur. 5/5	MIDTERM II	Lectures 6-10, Chapters 8-13	<i>Review Session TBD</i>
11	Tues. 5/10	Mendelian Genetics	Chapters 14-15	Problem Set 5
12	Thur. 5/12	Heredity & DNA Replication	Chapters 15-16	
13	Tues. 5/17	<i>The Double Helix</i>	Movie (on Final!)	Problem Set 6
14	Thur. 5/19	Transcription & Translation	Chapter 17	
15	Tues. 5/24	Regulation of Gene Expression	Chapter 18	Problem Set 7
16	Thur. 5/26	Viruses and Genome Evolution	Chapters 19, 21	
17	Tues. 5/31	DNA Biotechnology	Chapter 20	Practice Exam
18	Thur. 6/2	Catch-up lecture and course review		
	Tuesday 6/7	FINAL EXAM 11:30 AM – 2:30 PM, Rm TBD	Comprehensive	<i>Review Session TBD</i>

DESCRIPTION BILD1 is an introductory course on the molecular and cellular biology of microbes, plants and animals for Biology majors. The course focuses on structures and mechanisms of action required for smallest unit of life – the cell.

COURSE WEBSITE <http://www.biology.ucsd.edu/classes/bild1.SP11>

COURSE ETIQUETTE You are expected to arrive on time, turn off phones and listen attentively.

TEXTBOOK *Biology, 8th Edition, Campbell and Reece*

OFFICE HOURS Mon. 12:00-1:00 pm, and by appointments; Natural Science Building 6109

EXCEPTIONS! No instructor or TA Office Hours or Discussion Sections first week of classes