

Week	Date	Lecture Focus	Required Reading
1	2/19	Syllabus; Introduction to Genetics	Chapter 1
2	2/26	Chemical Basis of Biology; Cells and Cell Structure	Handout; Chapter 2
3	3/5	Cells and Cell Structure; DNA and DNA Replication	Chapter 2; 9
4	3/12	EXAM I (CH.1,2, CHEM); DNA and DNA Replication	Chapter 9
5	3/19	Transcription and Translation; Transcription and Translation In-Class Activity	Chapter 10; Handout
6	3/26	Regulation of Gene Expression; Genetic Mutation	Chapter 11; 12
7	4/2	Exam II (CH. 9-12); Cell Cycle, Mitosis and Meiosis	Chapter 2, 3
8	4/9	Cancer and Immunity	Ch 17,18
--		<i>SPRING BREAK HOLIDAY</i>	--
9	4/23	Cell Cycle, Mitosis and Meiosis; Inheritance and Mendelian Genetics	Chapter 2, 3; 4
10	4/30	Beyond Mendelian Genetics; Mendelian Genetics In Class Activity	Chapter 5,6,7; Handout
11	5/7	EXAM III (CH. 2,3,17,18); Independent Assortment- In Class Activity	Handout
12	5/14	DNA Technology; Reproductive Technologies and Activity	Chapter 17, 18; 19; 21
13	5/21	Genomics; Population Genetics (Genetics Project Due)	Chapter 22; 14
14	5/28	Exam IV (CH. 4,5,7,19,21); Population Genetics; Population Genetics In Class Activity	Handout; Chapter 15
15	6/4	Genetic Evolution; Genetics Video Activity	Chapter 16; Handout
16	6/11	FINAL EXAM (CH. 14-16,22)	--