

## Biol 210 - Genetics Schedule Modified 8-

Date	DUE	25-06 Lecture	Labs
21-Aug M		1 Intro. Course mechanics. Entrance exam.	Entrance Exam Discussed & Pipettor Test
23-Aug W		2 Chapt 2: Chromosomes and cellular reproduction	
25-Aug F		3 Chapt 3: Basic principles of heredity	
28-Aug M		4 Chapt 3 cont.	Curious about genetics?
30-Aug W	Problem Set 1A	5 Chapt 4: Sex determination and sex-linked characteristics	
1-Sep F		6 Chapt 5: Extensions and modifications of basic principles	
4-Sep M		HOLIDAY	Probability: Genetics Casino
6-Sep W		7 Chapt 5 cont.	
8-Sep F		8 Chapt 6: Pedigree analysis and applications	
11-Sep M	Problem Set 1B	9 Chapt 7: Linkage, recombination, and eukaryotic gene mapping	Bacteriophage Evolution: 1st Selection
13-Sep W		10 Chapt 7 cont.	
15-Sep F	EXAM	EXAM 1: Chpts 1 - 6 (given in Engineering/Physics rm. 122)	
18-Sep M		11 Chapt 8: Bacterial and viral genetic systems	Phage 2: 2nd Selection
20-Sep W		12 Chapt 8 cont.	
22-Sep F	Problem Set 2A	13 Chapt 9: Chromosome variation	Phage 3: PCR
25-Sep M		14 Chapt 9 cont.	
27-Sep W		15 Chapt 10: DNA - chemical nature of the gene	Phage 4: Gels of PCR products
29-Sep F		16 Chapt 11: Chromosome structure and transposable elements	
2-Oct M	Problem Set 2B	17 Chapt 11 cont.	Phage 5: Sequencing rxns
4-Oct W		18 Chapt 12: DNA replication and recombination	
6-Oct F	EXAM	EXAM 2: Chpts 7 - 11 (given in Engineering/Physics rm. 122)	Phage 6: Analysis of Results (Bioinformatics)
9-Oct M		19 Chapt 12: Continued	
11-Oct W		MAC's Research Lecture	Mini-Lab II
13-Oct F	Problem Set 3A	21 Chapt 13: Transcription	
16-Oct M		Bioinformatics	Science Writing Workshop
18-Oct W		23 Chapt 14: RNA molecules and RNA processing	
20-Oct F		24 Chapt 15: The genetic code and translation	
23-Oct M	Problem Set 3B	25 Chapt 15 cont.	CSI Moscow: PCR
25-Oct W		DNA Forensics	
27-Oct F	EXAM	EXAM 3: Chpts 12-15 + Bioinformatics (given in Engineering/Physics rm. 122)	
30-Oct M		27 Chapt 16: Control of gene expression	Mini-Lab III
1-Nov W		28 Chapt 16 cont.	
3-Nov F	Problem Set 4A	29 Chapt 17: Gene mutation and DNA repair	CSI Moscow: Gels and Sequencing Reactions
6-Nov M	PHAGE LAB DUE	30 Chapt 17 cont.	
8-Nov W		31 Chapt 18: Recombinant DNA technology -- GMOs	
10-Nov F		32 Chapt 19: Genomics	CSI Moscow: Bioinformatics
13-Nov M	Problem Set 4B	33 Chapt 19 cont.	
15-Nov W		34 Chapt 22: Quantitative genetics	
17-Nov F	EXAM	EXAM 4: Chpts 16-19 + Forensics (given in Engineering/Physics rm. 122)	NO LAB
20-Nov M		FALL RECESS -- NO CLASS	
22-Nov W		FALL RECESS -- NO CLASS	
24-Nov F		FALL RECESS -- NO CLASS	Curious about Genetics Redux
27-Nov M		35 Chapt 22 cont.	
29-Nov W	Problem Set 5A	36 BARRIE'S Research Lecture	
1-Dec F		37 Chapt 23: Population and evolutionary genetics	
4-Dec M		38 Chapt 23 cont.	
6-Dec W	CSI LAB DUE	39 Chapt 23 cont.	
8-Dec F	Problem Set 5B	40 Open Date	
11-Dec M	EXAM	EXAM 5: Chpts 22 and 23 / EXAM 6: Comprehensive Final. Location to be determined	