

<b>Date</b>	<b>Lecture</b>	<b>Topic</b>	<b>Reading</b>
9/26/08	1	Experiments on Chemical Nature of the Gene	1-7
9/29/08	2	Hershey Chase exp. Structure of DNA	7-10, 208-209 13-26
10/1/08	3	Genome structure	26-51
10/3/08	4	RNA structure Central Dogma of Molecular Biology	54-69 79-82
10/6/08	5	Protein Structure, electrophoresis	83-93, 218-219
10/8/08	6	Enzymes, chaperones, antibodies	93-106
10/10/08	7	Transcription in prokaryotes	278-293
10/13/08	8	Prokaryotic regulation	294-299
10/15/08	9	Prokaryotic regulation	300-309
10/17/08	10	Translation in prokaryotes	59, 84, 518-521
10/20/08	11	Translation in prokaryotes	521-535
10/22/08		<b>Review for Midterm I</b>	<b>5-7 PM</b>
10/23/08		<b>MIDTERM I</b>	
10/24/08		NO CLASS	
10/27/08	12	DNA Replication	108-115
10/29/08	13	DNA Replication	116-
10/31/08	14	DNA Repair and Recombination	152-177
11/3/08	15	Recombinant DNA technology	180-197
11/5/08	16	Recombinant DNA technology	199-228
11/7/08	17	Reporter genes and epitope tags	232-257 265-267
11/10/08	18	Eukaryotic transcription	312-319, 327-337 461-466
11/12/08	19	Enhancers and transcription factors	319-322, 337-350
11/14/08	20	Coactivators and corepressors	351-360
11/17/08	21	Steroid hormone receptors	383-384
11/19/08		<b>Review for Midterm II</b>	
11/20/08		<b>MIDTERM II</b>	<b>5-7 PM</b>
11/21/08		NO CLASS	
11/24/08	21	Splicing	460-480
11/26/08	22	Epigenetics:ghost in your genes	movie
11/28/08		<b>THANKSGIVING</b>	
12/1/08	23	Epigenetics	344-346, 393-410, 422-424
12/3/08	24	Genomics	594-609
12/5/08		review FINAL exam	