

## SYLLABUS

<u>Lecture</u>	<u>Day</u>	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>	<u>Pages</u>
1	M	3/31	Genome structure, Monohybrid crosses	2	31-40
2	W	4/2	Mendel's 1 <sup>st</sup> Law, Mitosis/Meiosis	2	40-46 54-60
3	F	4/4	Sex Linkage	2	61-65 565-569
4	M	4/7	Pedigree Analysis; Dihybrid crosses	2 3	66-75 89-
5	W	4/9	Chi squared test; Polygenic and cytoplasmic inher.	3 3	94-103 110-118
6	F	4/11	Gene linkage	4	129-136
7	M	4/14	Gene linkage	4	137-145
8	W	4/16	Fungal genetics	3	103-109
	F	4/18	review		
9	M	4/21	MIDTERM I	5-7 pm	
10	W	4/23	Bacterial Genetics	5	181-190
11	F	4/25	Conjugation	5	191-195
12	M	4/28	Transduction	5	195-197 204-208
13	W	4/30	Phage genetics Biochemical genetics	5 6	199-203 230-235
14	F	5/2	Allele relationships	6	221-229 235-239
15	M	5/5	Complementation/epistasis	6	240-248
16	W	5/7	Complementation/recombination	6	Cont.
17	F	5/9	Population Genetics	17	613-617
18	M	5/12	Population Genetics	17	621-624
19	W	5/14	TBA		
	F	5/16	review		
	M	5/19	MIDTERM II	5-7 pm	
20	W	5/21	Transposable elements	14	487-509
21	F	5/23	Chromosomal rearrangements Ex. Human diseases	16	569-577
	M	5/26	<b>MEMORIAL DAY</b>		
22	W	5/28	Chromosomal rearrangements Point mutations Molecular Markers	16 15 2	578-589 513-518 51-53
				4	146-149
23	F	5/30	DNA Fingerprinting	4	151-153
24	M	6/2	Positional cloning gene replacement	20	735-753
25	W	6/4	RNAi Gene Therapy	8	312-314
	F	6/6	review		
	M	6/9	FINAL EXAM		