Lecture	Day	Date	Topic	Reading	Notes
1	Monday	January 7	Introduction to Mendelian genetics	Chapter 1; Chapter 3 (3.1-3.2)	Introduction posted on MasteringGenetics website
2	Wednesday	January 9	More on Mendelian genetics	Chapter 2; Chapter 3 (3.2-3.5)	Assignment 1 posted on MasteringGenetics website
3	Monday	January 14	Pedigrees and probability	Chapter 3 (3.4-3.9)	
4	Wednesday	January 16	Modifications of Mendelian ratios	Chapter 4 (4.1-4.8)	Assignment 2 posted on MasteringGenetics website
	Monday	January 21	HOLIDAY		
5	Wednesday	January 23	More on modifications of Mendelian ratios	Chapter 4 (4.8-4.14)	Assignment 3 posted on MasteringGenetics website
6	Monday	January 28	Sex determination and sex chromosomes	Chapter 5	
7	Wednesday	January 30	Chromosome aberrations	Chapter 6	
MIDTERM	Monday	February 4	MIDTERM EXAM		
8	Wednesday	February 6	Mapping genes	Chapter 7 (7.1-7.3)	Assignment 4 posted on MasteringGenetics website
9	Monday	February 11	More on mapping; Bacterial genetics	Chapter 7 (7.3-7.7); Chapter 8	
10	Wednesday	February 13	Mutations; DNA structure and analysis	Chapter 9; Chapter 14	Assignment 5 posted on MasteringGenetics website
	Monday	February 18	HOLIDAY		
11	Wednesday	February 20	Genomics and genetic engineering	Chapter 18; Chapter 19	Assignment 6 posted on MasteringGenetics website
12	Monday	February 25	Regulation of gene expression	Chapter 15	
13	Wednesday	February 27	Quantitative traits and measuring heritability	Chapter 21	Assignment 7 posted on MasteringGenetics website
14	Monday	March 4	Population genetics and evolutionary genetics	Chapter 22	
15	Wednesday	March 6	Developmental genetics	Chapter 20	Assignment 8 posted on MasteringGenetics website
16	Monday	March 11	Cancer genetics: cell cycle, oncogenes and tumor suppressors	Chapter 16	Lecture by Dr. Clodagh O'Shea, Salk Institute
17	Wednesday	March 13	Telomeres, aging and cancer	Chapter 10	Lecture by Dr. Vicki Lundblad, Salk Institute
FINAL	Monday	March 18	FINAL EXAM (7-10 pm)		