

Class	Date	Topic	Instructor	Hwk out	Hwk due
1	Aug 24, (Mon)	Introduction/meiosis	Ellis	1	
2	Aug 26, (Wed)	Complementation/epistasis	Ellis		
3	Aug 28, (Fri)	Mutation	Maggert	2	
4	Aug 31, (Mon)	Allelomorphy	Maggert		1
5	Sep 2, (Wed)	Suppressor/synthetic lethal	Maggert		
6	Sep 4, (Fri)	Gene conversion I	Ellis	3	
	Sep 7, (Mon)	Labor Day			
7	Sep 9, (Wed)	Gene conversion II	Ellis		2
8	Sep 11, (Fri)	Double strand break repair	Ellis	4	
9	Sep 14, (Mon)	Synthesis-dependent strand	Ellis		3
10	Sep 16, (Wed)	Modern mad meiosis	Ellis		
11	Sep 18, (Fri)	VDJ rearrangement	Ellis	5	
12	Sep 21, (Mon)	Somatic hyper-rec/class switch	Ellis		4
13	Sep 23, (Wed)	Yeast mating types	Maggert		
14	Sep 25, (Fri)	Sex determination flies & worms	Maggert	6	
15	Sep 28, (Mon)	Dosage compensation	Maggert		5
16	Sep 30, (Wed)	Tissue and temporal I	Maggert		
17	Oct 2, (Fri)	Tissue and temporal II	Maggert	7	
18	Oct 5, (Mon)	Enhancer traps/mosaics	Maggert		6
19	Oct 7, (Wed)	Robustness/canalization/buffering	Maggert		
20	Oct 9, (Fri)	Sex determination in human I	Ellis	8	
21	Oct 12, (Mon)	Sex determination in human II	Ellis		7
22	Oct 14, (Wed)	X chromosome inactivation I	Ellis		
23	Oct 16, (Fri)	X chromosome inactivation II	Ellis		
24	Oct 19, (Mon)	Data blitz Ellis style	Ellis		8
25	Oct 21, (Wed)	Chromosome structure	Maggert		
26	Oct 23, (Fri)	Mitotic segregation	Maggert		
27	Oct 26, (Mon)	Immortal Strand Hypothesis	Maggert	9	
28	Oct 28, (Wed)	Aberrations, Balancers	Maggert		
29	Oct 30, (Fri)	Segmental aneuploidy, Gene dose	Maggert		
30	Nov 2, (Mon)	Aneuploidy	Maggert	11	
31	Nov 4, (Wed)	Telomeres	Ellis	10	9
32	Nov 6, (Fri)	Telomeres	Ellis		
33	Nov 9, (Mon)	Telomeres	Ellis		
	Nov 11, (Wed)	Veterans Day			
34	Nov 13, (Fri)	Data blitz Maggert style	Maggert	12	10
35	Nov 16, (Mon)	Intro to human pop genetics	Ellis	Final Paper	
36	Nov 18, (Wed)	Inbreeding and parental relatedness	Ellis		
37	Nov 20, (Fri)	Somatic cell mosaicism	Ellis		11
38	Nov 23, (Mon)	Somatic mutations I	Ellis		
39	Nov 25, (Wed)	Somatic mutations II	Ellis	8	
	Nov 27, (Fri)	Thanksgiving Recess			
40	Nov 30, (Mon)	Transposable elements I	Maggert		12
41	Dec 2, (Wed)	Transposable elements II	Maggert		
42	Dec 4, (Fri)	Transposable element regulation	Maggert		
43	Dec 7, (Mon)	Heterochromatin	Maggert		8
44	Dec 9, (Wed)	Position effect variegation	Maggert		
	Dec 11, (Fri)				Final Paper