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TAs
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Required texts:

- Klug, W.S., Cummings, M.R., and Spencer, C.A. (2006) *Concepts of Genetics*, 8th ed. Prentice Hall (pub.)
- Nickla, H. (2006) *Student Handbook and Solutions Manual for Concepts of Genetics* (8th ed). Prentice Hall (pub.)

Chapter (Klug, Cummings and Spencer)

Aug. 18	<i>Introduction to Genetics</i>	(overview)	Ch. 1
Aug. 23	<i>Mendelian Genetics I</i>		Ch. 3
Aug. 25	<i>Mendelian Genetics II</i>		Ch. 4
Aug. 30	<i>Mitosis, Meiosis, and Genetic Exchange</i>		Ch. 2
Sept. 1	<i>Linkage Analysis I</i>		Ch. 5
Sept. 6	<i>Linkage Analysis II</i>		Ch. 5
Sept. 8	Catch-up/Review for first examination NOTE: You are responsible for familiarizing yourselves with Chapter 7; much of this should not be new to you; we will answer questions regarding this chapter at the workshops.		
Sept. 13	EXAM I (Tuesday)		Ch. 1, 2, 3, 4, 5, 7 (basic concepts in Ch. 7)
Sept. 15	<i>DNA Structure and Analysis</i>		Ch. 10
Sept. 20	<i>Replication and Recombination</i>		Ch. 11
Sept. 22	<i>The Genetic Code and Transcription</i>		Ch. 13 (omit 13.11-12.13)
Sept. 27	<i>Translation and Proteins</i>		Ch. 14
Sept. 29	<i>Mutations</i>		Ch. 15 NOTE: We will cover the transposon sections in the workshops if we don't get to it in lecture). You are responsible for familiarizing yourselves with Chapter 8, which is relatively straightforward; we will answer questions regarding this chapter at the workshops.
Oct. 4	<i>Catch up and review for second examination</i>		
Oct. 6	Dr. Miller's first lecture		
Oct. 11	EXAM II (Tuesday)		Ch. 8, 10, 11, 13, 14, 15 (basic concepts in Ch. 8)