# Date | Topic | Reading Assignment
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1 | March 31 | Introduction; course expectations; importance of enzymology | Chapter 1
2 | April 2 | Enzymes as proteins: the structure of enzymes | Chapter 2
3 | April 7 | Activity, protein concentration, purification | Chapter 3
4 | April 9 | " | 
5 | April 14 | " | 
6 | April 16 | Kinetics of enzyme-catalyzed reactions | Chapter 6
7 | April 21 | " | Chapter 7
8 | April 23 | Effects of pH on enzyme-catalyzed reactions | Chapter 10
9 | April 28 | Midterm 1 | 
10 | April 30 | Effects of temperature on enzyme-catalyzed reactions | Chapter 11
11 | May 5 | " | 
12 | May 7 | Mechanisms of enzyme action | Chapter 4
13 | May 12 | " | Wong's book
14 | May 14 | Enzyme inhibitors and kinetics of inhibition | Chapter 8, 9
15 | May 19 | Midterm 2 | 
16 | May 21 | More mechanisms, Cofactors | Chapter 12
17 | May 26 | Cofactors | 
18 | May 28 | Enzyme classification | Chapter 13
19 | June 2 | Hydrolases, kinases | Chapter 14-19
20 | June 4 | Oxidases | Chapter 21, 22, 24

Final Exam: Tuesday, June 9, 8:00 AM


Supplementary resource (on reserve):
- Food Enzymes: Structure and Mechanism

Grading
- Midterm Examinations (2)  100 points each
- Problem sets (5-6)  10 points each
- Final Examination  200 points