Bio4810/Chem481
General Biochemistry I
Course Information and Syllabus
Fall 2010

Professor:
Robert Blankenship
Office: Lab Sciences 401B
Office telephone: 935-7971
Email: Blankenship@wustl.edu

Office hours:
Monday 10:30-11:30; Thursday 2-3

The material in Chapters 11 & 12 will be taught by Prof. Joe Jez.
Office: Rebstock 313
Phone: 935-3376
Email: jjez@biology2.wustl.edu

Office hours:
TBA

Teaching Assistants:
Teaching assistants for this course are:
Callie Corsa  cacorsa@artsci.wustl.edu
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Austin Wesevich  wesevich@wustl.edu

The TAs will be available for assistance during regularly scheduled office hours and help sessions. The times and places of these will be announced in class and on line.

Course Description:
This course is the first semester of a two-semester General Biochemistry sequence. Prerequisites are Bio2970 and Chem252. Students who are only interested in a one-semester biochemistry sequence are strongly encouraged to take the course at University College or elsewhere.

Course Website:
Information about the course can be accessed via Telesis. https://telesis.wustl.edu/

Lectures:
Lectures will be MWF 9-10 AM in Wilson 214. Lectures will be videotaped and the tapes will be available. The video can be accessed at: http://streaming.wustl.edu/courses/lectures/pages/chem481.html The username for access to the videos is chem481 and the password is: vew3nd. Power Point will usually be used for lectures, and pdf files of the Power Point files will be made available for download prior to the lectures.

Textbook:
Academic Integrity Policy:
This course will be governed by the Washington University policy on academic integrity. All students should review the policy at the following website: http://www.wustl.edu/policies/undergraduate-academic-integrity.html. Violations will be reported to the academic integrity officer of Arts and Sciences.

Examination Dates and Procedures:
Exams will be given from 6:30 to 8:30 PM on October 6, November 10 and December 8. Exam dates are firm and will not change. Each of the first three exams will be worth 200 points. Students will be permitted to drop their lowest exam score of the three course exams. For this reason, no makeup exams will be given. No rescaling of exam scores will be done. The final exam will be given Friday, December 17, 2010 from 8:00 AM - 10:00 AM. The final exam will be comprehensive and will be worth 300 points.

Exam topics:
October 6 – Chapters 1-5
November 10 – Chapters 6-10
December 8 – Chapters 11-15 (omit chapter 13)

Homework:
Homework assignments will be given on a regular basis, collected and graded. Up to four students may cooperate on a homework assignment and turn in a single paper with all their names on it. Students may also work in smaller groups or individually if they prefer.

Course Evaluation Metrics:
Exams (The two highest exams for each student will be considered) 400 pts
Final exam 300 pts
Homework 100 pts
Total points 800 pts

Course Calendar and Tentative Syllabus:

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<th>3 Chapter 1 Chemistry of Life</th>
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<td>8 Chapter 1 Chemistry of Life</td>
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<td>24 Chapter 5 Proteins, Primary Struct.</td>
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