

BCMB/BIOL/CHEM 3100, Spring 2003

Lecturers: Mendicino (Room A428, Life Sciences Bldg., 542-3010; mendicin@bmb.uga.edu)
Black (Room 314A, Life Sciences Bldg., 542-1778; ccblack@bmb.uga.edu)

Time: 12:20-1:10 p.m. MWF, Room C-127 Life Sciences Bldg. Attendance expected; role not taken.

Text: PRINCIPLES OF BIOCHEMISTRY. 3rd Ed. (Horton, Moran, Ochs, Rawn, Scrimgeour)

Exams: Three one hour exams (~ February, March, April) **60%** of final grade
Comprehensive Final: **40%** of final grade.
Alternatively, the comprehensive final can be **100%** (students awarded the best grade).
The examination dates are inflexible. If you miss one you will automatically receive a zero grade without a written excuse. Everyone takes all exams including the final.

Course Outline (subject to modification if needed):

Reading Assignments

January 10,13,15	Amino Acids and Proteins (M)	52-64; 83-112
January 17,22	Enzymology (M)	131-152
Jan. 20th is Martin Luther King Day		
January 24,27,29	Vitamins & Coenzymes (M)	198-216
January 31	1st Hourly Exam (M) (20%)	
February 3,5,7	Nucleic Acids (M)	600-621
February 10,12,14,17,19	Replication, Transcription, Translation (M)	635-734
February 21,24,26	Carbohydrate Structure (M)	232-254
February 28, March 3	Bioenergetics (B)	309-333
March 5	2nd Hourly Exam (M & B) (20%)	
March 7,10,12	Energy Acquisition & Glycolysis (B)	341-365
March 14,24,26	Gluconeogenesis, TCA Cycle (B)	400-424; 373-393
SPRING BREAK — March 17-21		
March 28,31, April 2	Electron Transport (B)	430-456
April 4	3rd Hourly Exam (B) (20%)	
April 7,9,11	ATP Synthesis, Oxidative Phosphorylation	430-456
April 14,16,18,21	Photosynthesis (B)	463-482
April 23,25,28,30	Lipid Structure & Metabolism (B)	264-290; 490-526
May 1 st will run as a "Monday class".		
Friday, May 9	Final Exam, COMPREHENSIVE (8 am-11 am)	