

Spring 2022

BCMB 4020/H/6020 - Introductory Biochemistry II

MWF 1.50 - 2.40 pm: Life Sciences Bldg., Rm. C127

Instructors: Mike Adams (adamsm@uga.edu)
Bob Sabatini (sabatini@uga.edu)

Text: *Principles of Biochemistry*, 5th - 7th eds., Lehninger, Nelson & Cox

Examinations:	Date	Coverage	% of Grade
First	02/04	01/10 - 02/02	25
Second	03/04	02/07 - 03/02	25
Third	04/08	03/14 - 04/06	25
Fourth	05/06	04/11 – 05/02	25

The fourth exam will be given during Finals Exam week from noon – 3.00 pm on Fri. May 6th.

Instructor: Mike Adams		Instructor: Bob Sabatini	
Jan 10	Metabolism: An Overview (Chapt. 13)	Mar 14	Nucleic Acids (Chapt. 8)
12	"	16	DNA/RNA structure (8)
14	"	18	Solving DNA structure
Jan 17	MLK (no class)	Mar 21	Amino Acid Degradation (18)
19	Glycolysis (14)	23	Amino Acid Synthesis (22)
21	"	25	Nucleotide Synthesis (22.4)
Jan 24	"	Mar 28	DNA tertiary structure (24.2,3)
26	Tricarboxylic Acid Cycle (16)	30	DNA Replication (25.1)
28	"	Apr 01	DNA Replication (25.2)
Jan 31	Oxidative Phosphorylation (19)	Apr 04	DNA Replication (25.2)
Feb 02	"	06	DNA Repair/Recombination (25.2,3)
04	FIRST EXAM	08	THIRD EXAM
Feb 07	CO ₂ Fixation/Photosynthesis (20)	Apr 11	Transcription (26.1)
09	"	13	RNA Processing (26.2)
11	"	15	rRNA and tRNA processing (26.2)
Feb 14	Gluconeogenesis (14, 15)	Apr 18	miRNA Processing (26.2)
16	"	20	Protein Synthesis (27)
18	"	22	Protein Synthesis (27)
Feb 21	Lipid Catabolism (17)	Apr 25	Regulation of Gene Expression (28.1)
23	"	27	Regulation of Transcription (28.2)
25	"	29	Regulation of Transcription (28.3)
Feb 28	Lipid Biosynthesis (21)	May 02	Review
Mar 02	"	04	(no class)
04	SECOND EXAM	06	FOURTH EXAM (noon – 3 pm)
Mar 07-11	SPRING BREAK		