

University of Montana

ScholarWorks at University of Montana

University of Montana Course Syllabi

Open Educational Resources (OER)

Spring 2-1-2000

BIOC 382.01: Elementary Biochemistry

D. Scott Samuels

University of Montana - Missoula, scott.samuels@umontana.edu

J. Stephen Lodmell

University of Montana - Missoula, stephen.lodmell@umontana.edu

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Let us know how access to this document benefits you.

Recommended Citation

Samuels, D. Scott and Lodmell, J. Stephen, "BIOC 382.01: Elementary Biochemistry" (2000). *University of Montana Course Syllabi*. 5339.

<https://scholarworks.umt.edu/syllabi/5339>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

ELEMENTARY BIOCHEMISTRY (Bioc 382)

Spring 2000

T,H 10:10 am

UH 210

Text: Voet, Voet & Pratt, Fundamentals of Biochemistry

Scott Samuels, Office: SC 207, Telephone: 243-6145

Office hours: M,W 12:10 pm to 1:00 pm; T 11:10 am to 12:00 pm

Steve Lodmell, Office: SC 204, Telephone: 243-6393

Office hours: T,W, H 12:10 pm to 1:00 pm

Walt Hill, Office: SC 202, Telephone: 243-5582

Office hours: M,W 1:10 pm to 2:00 pm; T, H 11:10 am to 12:00 pm

January 25-February 1 Photosynthesis (Ch. 18)

February 3 & 8 Lipid metabolism (Ch. 19)

February 10 & 15 Amino acid metabolism (Ch. 20)

February 17-24 Regulation of metabolism (Ch. 21)

February 24 Exam 1 (material from Jan. 25 to Feb. 24) 7:00-9:00 pm SC 131

February 29-March 7 Nucleotide metabolism (Ch. 22)

March 9-16 Nucleic acid structure (Ch. 23)

March 20-24 Spring vacation

March 28-April 4 DNA replication, repair & recombination (Ch. 24)

April 5 Exam 2 (material from Feb. 29 to April 4) 7:00-9:00 pm SC 131

April 6-13 Transcription and RNA processing (Ch. 25)

April 18-25 Translation (Ch. 26)

April 27-May 4 Regulation of gene expression (Ch. 27)

May 4 Exam 3 (material from April 6 to May 4) 7:00-9:00 pm SC 131

May 8 Final Exam (cumulative) 8:00–10:00 am UH 210

All exams will be 100 points each.

Expected course outcomes are to understand the fundamentals of biochemistry: how life functions at the smallest level; to think critically and solve scientific problems; and to appreciate the role chemical processes play in modern biology.