

**BIOCHEMISTRY 300A A01 – GENERAL BIOCHEMISTRY I
COURSE OUTLINE – Fall 2015**

Place: ECS 123
Time: Tuesday, Wednesday, Friday: 11:30 am-12:20 pm
Textbook: Biochemistry by Berg, Tymoczko, and Stryer, 8th edition

Instructors: Dr. M.J. Boulanger Office Petch 220: TW 12:30-1:30 pm, F 9:30-10:30
(or by appointment); email: mboulang@uvic.ca.

Dr. D. Briant email: Office Petch 227. Office hours TBA.
email: dbriant@uvic.ca.

Sept 9 Introduction to Biochemistry 300A
Bonds and buffers, Chapter 1
Protein composition and structure, Chapter 2
Protein characterization, Chapter 3
Hemoglobin - a model protein, Chapter 7

Oct 1 Take-home exam (**feedback only, discussion follows in class on Oct 2**)
Enzymes - basic concepts and kinetics, Chapter 8
Drug development, Chapter 36

Oct 20 **Final exam Boulanger, DTB 6-7:50 pm. (50%)**

Enzyme catalytic strategies, Chapter 9
Enzyme regulatory strategies, Chapter 10

Nov 17 Take-home exam (**feedback only, discussion follows in class on Nov 18**)
Carbohydrates, Chapter 11
Lipids and cell membranes, Chapter 12
Membrane channels and pumps, Chapter 13

TBD **Final exam Briant, 2 hrs. (50%)**

GRADING SCHEME

Evaluation of the tests and weighting:

Final exam Boulanger	50%
Final exam Briant	50%

Techniques to be used in assessing performance in the course:

Grading of multiple choice, short answer and long answer exam questions.

A⁺	90 -100	B⁺	77 - 79	C⁺	65 - 69	F	< 50
A	85 - 89	B	73 - 76	C	60 - 64	N **	< 50
A⁻	80 - 84	B⁻	70 - 72	D	50 - 59		

**** N grades**

Students who have completed the following elements will be considered to have completed the course and will be assigned a final grade:

- ***Students must write both final exams in order to complete the course.***

Failure to complete one or more of these elements will result in a grade of “N” regardless of the cumulative percentage on other elements of the course. An N is a failing grade, and it factors into a student’s GPA as 0

either in class or from the instructor.

8. Examination papers that have pages removed, or are mutilated will not be marked.