

Biochemistry 404
CRN 10278
Proteins
Course Outline - Fall 2017

Instructors: Dr. Alisdair (“Al”) Boraston (coordinator)
Office and lab: Petch 216 and 218
Phone: 472-4168 Email: boraston@uvic.ca

Dr. Stephen Evans
Office and labs: Petch 239 and 242; UVC A207
Phone: 472-4548 Email: svevans@uvic.ca

Instructors will announce office hours in class.

This course is aimed at understanding the detailed connection between the *structure* and the *function* of macromolecules. Part 1 (Dr. Boraston) is focused on understanding specific methods of quantifying *function*. Part 2 (Dr. Evans) is focused on understanding methods of determining *structure*, and on protein folding.

Part 1 – Dr. Boraston (September 7 – October 19)

Molecular Interactions: Theoretical and Practical Aspects

1. Properties and isolation of proteins (~4.5 hours)

Review of general protein properties

Amino acid side chain reactivity

Recom -0.0027p (de c)-2 (07 1742.00704 T657 . TJ 0 Tc 0 Tw ()Tj -0.002 Tc 0.002 Tw 11.533 0 Td [

ure and function together:

Part 2 - Dr. Evans (October 23 –

Assessment of Student Performance

(1) **Techniques to be used in assessment of student's performance in course:**

- Grading of multiple choice, short answer and/or essay examination questions.

(2) **BIOC 404 - Evaluation and weighting (undergraduate s 0 11.04 54 72o 0 11.6A- 02 Tw 0.o TwTT1 1eTJ 0**

1.