

**BIOCHEMISTRY 403: BIOCHEMISTRY OF SIGNAL TRANSDUCTION
COURSE OUTLINE – FALL 2017**

Biochemistry of Signal Transduction

The objective of this course is to examine in detail the biochemical basis of the transmission of molecular signals from a cell's exterior to its interior and how this can bring about changes in cellular behavior and gene expression. The course emphasizes the biochemical concepts underlying signal transduction and the types of experimental analysis that are employed to study signaling pathways.

Instructor: Dr. Perry Howard

Petch 207b, phoward@uvic.ca

Office Hours: Monday & Thursday 3:00 PM- 4 PM or by appointment

Schedule: Mondays and Thursdays, 10:00 am - 11:20 am, ELL 062

Readings: Readings will be posted on the course spaces web site.

Topics (with approximate dates)

Dates .9 (w)13.4 (i)837.921 4i27.4 (i)837.921 4i27.4 (i)837.92
important
date in bold

Student Evaluation:

Midterm Exams (Oct 2, Nov 2):	40%
Final Exam (comprehensive):	50%
In class Assignments (3):	10%

There is no assigned text for the course; topics will be drawn from primary and review literature, assigned in class, and posted on the course website. Students are expected to complete the reading assignments and the material will be included in the midterm and final exams. There will be 3 in-class assignments research or reading assignments made throughout the course. Students must be present and participate in the class to receive a mark for these assignments. Students are expected to attend all the lectures, take notes, and participate in classroom discussions. Students are expected to attend all midterm exams on the specified dates. Late assignments will not be marked and given a grade of 0. The slides used for lectures will be provided on the website before class, however these should not be considered complete and students are responsible for all material presented in class.

Grading Scheme:

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: Midterm 1 or 2; Final Exam

Deferral of a final exam must be requested with an Academic Concession form and submitted directly to Undergraduate Records. Deferred final exams for fall term courses will be arranged by the instructor. Deferred final exams for spring term courses will be arranged through Undergraduate Records and must be written before the end of the summer term as stipulated in the University Calendar.

6. Multiple choice scan sheets for machine scoring (bubble sheets) are considered the authentic exam answer paper and will be retained by the department for 1 year.
7. Professors may refuse to review/remark exams not written in indelible ink. In addition, requests for