

Course Outline

MOLECULAR BIOLOGY AND BIOCHEMISTRY

MBB 482-5

Individual Study Semester: Honours Research Performance

Instructor: Any MBB faculty member, MBB associate or adjunct faculty member, or members of other departments pending approval by the MBB DUCC.

Description: This course constitutes one part of a three-part honours degree program, and must be taken concurrently with MBB 481 and 483. It is only open to MBB majors, with at least 90 semester hours in the MBB program and permission of the MBB department. Minimum 3.0 cGPA and udGPA.

The individual study semester (ISS) provides students with the opportunity to carry out full time laboratory research in molecular biology and biochemistry. The end result will be the writing of an honours thesis and an oral defense. MBB 482 encompasses the research component of the ISS and students will be marked based on their lab performance. This mark will take into consideration the quality of the research, the motivation of the student and the general intellectual involvement in the project.

Honours students enrolled in 481, 482 and 483 need to form a supervisory committee composed of the faculty supervisor and two additional faculty members.

Grading: Grading will occur at the end of the semester and will reflect the general lab performance.

Prerequisite: Enrolment in the MBB or Biological Physics Honours Program; a minimum of 3.0 cGPA and 3.0 udGPA and permission of the MBB department; and MBB 331 and one of MBB 308 or MBB 309W.