Master of Biotechnology Program

The Department of Molecular and Cellular Biology (MCB) and the College of Business and Economics (CBE) are offering a new Master of Biotechnology program starting in F16 (pending final provincial government approval). Our website will be operational later this month and we will send more information at that time.

The program will have two semesters of courses with the third and optional fourth semesters being a research project. The program will involve the following progression:

**Semester 1 (F16)** - Students will be required to take one course in Molecular Biotechnology (in MCB) where they will learn about important techniques utilizing a hands-on approach; and one course in Innovation Management (in CBE) where they will focus on the integration of science and business from initial discovery to commercial development. Students will also be required to take one elective in the Molecular Biosciences or in Business and Management. Each student will be matched with their Research Project Advisor who must be a faculty member in either MCB or CBE.

**Semester 2 (W17)** - One required course will be taken in Communication in Science and Business where each student will present their research proposal in written and oral form as well as work in groups to develop a Business Case starting with one of the research projects. Two other electives from the Molecular Biosciences or Business and Management will also be required.

**Semester 3 and the optional Semester 4 (S17 and F17)** - Each student will work with their advisor on their research project. These are hands-on research-based semesters where the student conducts experiments in a faculty member's laboratory or develops a business plan/commercialization plan under a faculty member’s supervision. The research project can be undertaken with any appropriate faculty member at Guelph or with an approved off-campus institution.

Throughout the program, we will involve people from small and large companies, including entrepreneurs, as well as people who aid in the commercialization of research. They will participate in activities within the courses and the research projects, and outside of the course structure (special talks/lectures).

As noted above, more information will be available once the website is available. In the meantime, please feel free to contact any member of the Faculty Program Committee:

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