

BIOL 395 (Fall)

Quantitative Biology Seminar 1

Instructors:	A. Hayer	Bellini 275	398-8574	arnold.hayer@mcgill.ca
Workload:	1 credit (1-0-2)			
Prerequisites:	BIOL 200 or BIOL 219, CHEM 212, COMP 250 and MATH 222			
Restrictions:	Registration is restricted to U2 students in the following programs: Major and Honors Quantitative Biology; Joint Major and Honors Computer Science and Biology; Joint Major Math and Biology; Joint Major Physiology and Math; Joint Major Physiology and Physics; Major and Honors Biophysical Chemistry; and Major and Honors Biological Physics.			
Content:	<p>This course provides an overview of concepts and current research in quantitative biology: theoretical ecology and evolution, computational biology, and physical biology.</p> <p>Each week a faculty member will present on their research in a lecture. Readings from the literature or a publication from the lecturer's research group may be assigned for each lecture to enhance understanding of the material. Readings are available through on-line journal access provided through McGill University.</p> <p>Just like most scientific seminar series currently, this seminar course will be delivered remotely in Fall 2020. Each session will consist of a live 35 min research presentation by local quantitative biology experts followed by a 15 min interactive question and answer session.</p>			
Readings:	Research papers and reviews will be assigned by participating faculty			
Method:	One hour seminar a week			
Evaluation:	Mid-term and final (take-home) exams, and class participation (contributions to discussions). Performance during the midterm (35%) and final exam (55%) and participation (10%) provide the total mark. No make-up or extra credit assignments are permitted.			