



ORIGINAL COURSE IMPLEMENTATION DATE: September 2016
 REVISED COURSE IMPLEMENTATION DATE: September 2022
 COURSE TO BE REVIEWED (six years after UEC approval): January 2028
 Course outline form version: 10/27/2017

OFFICIAL UNDERGRADUATE CROSS-LISTED OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: BIOC 403	Number of Credits: 4 Course credit policy (105)
Course Full Title: Molecular Techniques I Course Short Title: <i>(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)</i>	
Faculty: Faculty of Science	Department (or program if no department): Biology
Official Course Outline: This is a cross-listed course. Please refer to BIO 403 for the official course outline.	
Calendar Description: An intensive laboratory course that introduces students to the methodology used in recombinant DNA technology using an integrated series of molecular biology techniques. Techniques studied include cloning, subcloning, restriction mapping, PCR analysis, and bioinformatics. This course prepares students for careers in research or the biotechnology/pharmaceuticals industry. Note: This course is offered as BIOC 403 and BIO 403. Students may take only one of these for credit.	
Prerequisites (or NONE):	BIO 202, BIO 220, BIO 309, and one of the following: BIO 312, BIO 320, BIO 425, or BIO 401.
Corequisites (if applicable, or NONE):	
Pre/corequisites (if applicable, or NONE):	
Antirequisite Courses <i>(Cannot be taken for additional credit.)</i> Former course code/number: Cross-listed with: BIO 403 Dual-listed with: Equivalent course(s): BIO 403 <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>	Transfer Credit Transfer credit already exists: (See bctransferguide.ca .) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Submit outline for (re)articulation: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>
Department / Program Head or Director: Gregory Schmaltz	Date approved: September 2021
Faculty Council approval	Date approved: October 8, 2021
Undergraduate Education Committee (UEC) approval	Date of meeting: January 28, 2022