This program requires MIMM 212 Laboratory in Microbiology and the previous 2 credits for MIMM 212 will increase to 3 credits. (Improvements to MIMM 212 have substantially increased the student's workload.) Therefore the program credit weight must also be increased by 1 credit.

Only the credit requirement is being increased. Otherwise the program remains the same.
### 7.0 List of Existing Program and Proposed Program

**Existing Program (list courses as follows: Subj Code/Crse Num, Title, Credit weight, under the headings of: Required Courses, Complementary Courses, Elective Courses)**

**U1 Required Courses (25 credits)**  
* Students who have taken CHEM 212 in CEGEP are exempt and must replace these credits with an elective course(s).  
** Students who have taken CHEM 222 in CEGEP are exempt and must replace these credits with an elective course(s).  
- BIOL 200 Molecular Biology (3 credits)  
- BIOL 202 Basic Genetics (3 credits)  
- CHEM 212 Introductory Organic Chemistry 1 (4 credits)*  
- CHEM 222 Introductory Organic Chemistry 2 (4 credits)**  
- MIMM 211 Introductory Microbiology (3 credits)  
- MIMM 212 Laboratory in Microbiology (2 credits)  
- MIMM 214 Introductory Immunology: Elements of Immunity (3 credits)  

One of:  
- BIOC 212 Molecular Mechanisms of Cell Function (3 credits)  
- BIOL 201 Cell Biology and Metabolism (3 credits)

**U1, U2 or U3 Required Course (3 credits)**  
One of:  
- BIOL 373 Biometry (3 credits)  
- MATH 203 Principles of Statistics 1 (3 credits)  
- PSYC 204 Introduction to Psychological Statistics (3 credits)

**U2 Required Courses (21 credits)**  
- BIOC 311 Metabolic Biochemistry (3 credits)  
- BIOC 312 Biochemistry of Macromolecules (3 credits)  
- MIMM 314 Intermediate Immunology (3 credits)  
- MIMM 323 Microbial Physiology (3 credits)  
- MIMM 324 Fundamental Virology (3 credits)  
- MIMM 386D1 Laboratory in Microbiology and Immunology (3 credits)  
- MIMM 386D2 Laboratory in Microbiology and Immunology (3 credits)

**U1 Required Courses (26 credits)**  
* Students who have taken CHEM 212 in CEGEP are exempt and must replace these credits with an elective course(s).  
** Students who have taken CHEM 222 in CEGEP are exempt and must replace these credits with an elective course(s).  
- BIOL 200 Molecular Biology (3 credits)  
- BIOL 202 Basic Genetics (3 credits)  
- CHEM 212 Introductory Organic Chemistry 1 (4 credits)*  
- CHEM 222 Introductory Organic Chemistry 2 (4 credits)**  
- MIMM 211 Introductory Microbiology (3 credits)  
- MIMM 212 Laboratory in Microbiology (3 credits)  
- MIMM 214 Introductory Immunology: Elements of Immunity (3 credits)  

One of:  
- BIOC 212 Molecular Mechanisms of Cell Function (3 credits)  
- BIOL 201 Cell Biology and Metabolism (3 credits)

**U1, U2 or U3 Required Course (3 credits)**  
One of:  
- BIOL 373 Biometry (3 credits)  
- MATH 203 Principles of Statistics 1 (3 credits)  
- PSYC 204 Introduction to Psychological Statistics (3 credits)

**U2 Required Courses (21 credits)**  
- BIOC 311 Metabolic Biochemistry (3 credits)  
- BIOC 312 Biochemistry of Macromolecules (3 credits)  
- MIMM 314 Intermediate Immunology (3 credits)  
- MIMM 323 Microbial Physiology (3 credits)  
- MIMM 324 Fundamental Virology (3 credits)  
- MIMM 386D1 Laboratory in Microbiology and Immunology (3 credits)  
- MIMM 386D2 Laboratory in Microbiology and Immunology (3 credits)
### 9. Approvals

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<td>Department</td>
<td>João Lucio Madreñas</td>
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<td>Oct 29, 2012</td>
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<td>Curric/Acad Committee</td>
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<tr>
<td>Faculty 1</td>
<td>David Rigsdale</td>
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<td>Nov 6, 12</td>
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<td>E.C. Duns</td>
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**Submitted by**

- **Name**: Greg Marzynski
- **Phone**: 514 398 3917
- **Email**: Gregorv.marzynski@mcgill.ca
- **Submission Date**: 223 Oct 2012

To be completed by ARR:

- **CIP Code**: 