



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">B.Sci. Major Microbiology and Immunology</div> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <p>1.2 <input style="width: 100%;" type="text"/> If applicable (30 char. max.)</p> <p><input type="checkbox"/> <input style="width: 100%;" type="text"/> <input type="checkbox"/></p> <p><input type="checkbox"/> 1.3 Minor (with Concentration, if applicable) (30 char. max.) <input type="checkbox"/></p> <p><input type="checkbox"/> 1.4 Category <input type="checkbox"/></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Faculty Program (FP)</td> <td style="width: 50%; border: none;">Honours (HON)</td> </tr> <tr> <td style="border: none;">Major X</td> <td style="border: none;">Joint Honours</td> </tr> <tr> <td style="border: none;">Joint Major</td> <td style="border: none;">Component (HC)</td> </tr> <tr> <td style="border: none;">Major Concentration (CON)</td> <td style="border: none;">Internship/Co-op</td> </tr> <tr> <td style="border: none;">Minor</td> <td style="border: none;">Thesis (T)</td> </tr> <tr> <td style="border: none;">Minor Concentration (CON)</td> <td style="border: none;">Non-Thesis (N)</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Other</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Please specify</td> </tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="border: 1px solid black; width: 45%; height: 20px;"></div> <div style="border: 1px solid black; width: 45%; height: 20px;"></div> </div> <p>1.5 Complete Program Title</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">B.Sci. Majors in Microbiology and Immunology</div>	Faculty Program (FP)	Honours (HON)	Major X	Joint Honours	Joint Major	Component (HC)	Major Concentration (CON)	Internship/Co-op	Minor	Thesis (T)	Minor Concentration (CON)	Non-Thesis (N)		Other		Please specify	<p>2.0 Administering Faculty/Unit</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Science/ Microbiology and Immunology</div> <p>Offering Faculty/Department</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Medicine/Microbiology and Immunology</div> <p>3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) Retirement</p> <p>Term: <input style="width: 100%;" type="text" value="201309"/></p> <p>4.0 Existing Credit Weight Proposed Credit Weight</p> <table style="width: 100%; border: none;"> <tr> <td style="border: 1px solid black; width: 50%; text-align: center;">67</td> <td style="border: 1px solid black; width: 50%; text-align: center;">68</td> </tr> </table> <p>5.0 Rationale for revised program</p> <div style="border: 1px solid black; padding: 10px; margin-top: 5px;"> <p>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.</p> </div>	67	68
Faculty Program (FP)	Honours (HON)																		
Major X	Joint Honours																		
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Major Concentration (CON)	Internship/Co-op																		
Minor	Thesis (T)																		
Minor Concentration (CON)	Non-Thesis (N)																		
	Other																		
	Please specify																		
67	68																		

6.0 Revised Program Description (Maximum 150 words)

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)

Proposed 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 (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)

Attach extra page(s) as needed

8.0 Consultation with
Related Units

Yes No

Financial Consult

Yes No

Attach list of consultations

9. Approvals

Routing Sequence

Name

Signature

Date

Department

Joaquim Madrenas

Joaquim Madrenas

Oct. 29/2012

Curric/Acad Committee

Faculty 1

David Rigsdale

David Rigsdale

Nov. 6/12

Faculty 2

EC Davis

EC Davis

Nov 6/12

Faculty 3

SCTP

GS

APPC

Senate

Submitted by

Name

Greg Marczynski

To be completed by ARR:

Phone

514 398 3917

CIP Code

Email

Gregorv.marczynski@mccoll.ca

Submission Date

223 Oct 2012