

New Course

Proposal Reference : 3226
 Number
 PRN Alias : 11-12#182
 Version No : 9
 Submitted By : Dr Gregory T
 Marczynski
 Edited By : Ms Josie D'Amico

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New Data					
Program Affected?	Y				
Program Change Form Submitted?	N (Simple Change) - Replace MIMM 314 with MIMM 214 in the following B.Sc. programs: Minor in Biotechnology, Major in Pharmacology, Honours in Pharmacology, Major in Biochemistry, Honours in Biochemistry, Diploma in Environment, Minor in Environment, Major in Environment (Ecological Determinants of Health - Cellular, Ecological Determinants of Health - Population), Major in Neuroscience (replace MIMM 314 with MIMM 214 in the list of Stream A courses. Leave MIMM 314 in the list of Other Complementary Courses.), Major in Anatomy & Cell Biology, Honours in Anatomy & Cell Biology (note that currently for both the Major and Honours A&CB, MIMM 314 is listed under both Required and Complementary Courses. For both Major and Honours A&CB, replace MIMM 314 with MIMM 214 in the Required list, and move MIMM 314 from the BOC list to the Complementary list headed "12/18 credits selected from:"). For Anatomy & Cell Biology Core Science Component, remove MIMM 314 from List B. Additionally, please add MIMM 214 to the list of Basic Life Sciences courses in the Minor in Interdisciplinary Life Sciences, and to the Honours in Chemistry - Bio-organic (Complementary Courses [18 credits] under "6 credits, two of the following courses:").				
Subject/Course/Term	MIMM 214 <ul style="list-style-type: none"> one term 				
Credit Weight or CEU's	3 credits				
Course Activities	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>A - Lecture</td> <td>3</td> </tr> </tbody> </table> <p style="text-align: right;"> Total Hours per Week : 3 Total Number of Weeks : 13 </p>	Schedule Type	Hours per week	A - Lecture	3
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Course Title	<table border="1"> <tbody> <tr> <td>Official Course Title :</td> <td>Intro Immun: Elem. of Immunity</td> </tr> <tr> <td>Course Title in Calendar :</td> <td>Introduction to Immunology: Elements of Immunity</td> </tr> </tbody> </table>	Official Course Title :	Intro Immun: Elem. of Immunity	Course Title in Calendar :	Introduction to Immunology: Elements of Immunity
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Rationale	Currently, U1 Microbiology and Immunology (MIMM) students learn only a little basic immunology in MIMM 211 (Fall) which is otherwise devoted to the whole field of microbiology and not focused on immunology. There are no U1 required MIMM courses during the winter. The				

	<p>proposed MIMM 214 (Winter) course fills both this knowledge gap and this time gap. There will be no substantial changes to our programs; We will add this new 3 credit MIMM 214 course to our required courses list and we will remove CHEM 203(F)/CHEM 204(W) from the required list and place it among the complementary courses of our programs. MIMM 214 covers all of the basic principles of immunology, not just some selected highlights. This will free 8 lectures in MIMM 211 for new topics. This proposal has the further advantage of supporting the higher-level immunology courses (MIMM 314, 414). These courses will now start with students well versed in basic immunology and rather than repeating introductory subjects, these will be assumed and selectively amplified. Only Dr Madrenas and comparably established faculty/leaders in their field will teach MIMM 214. This dedication will motivate the students and will emphasize the value placed on immunology. For the following courses, the prerequisite MIMM 314 should be changed to "MIMM 214:" MIMM 413, MIMM 414, MIMM 465, MIMM 466, MIMM 498, MIMM 499, and MIMM 509. MIMM 314 should remain as a corequisite for MIMM 386.</p>
Responsible Instructor	Dr Joaquin Madrenas
Course Description	Basic immunology, organs and cells, elements of innate immunity, phagocytes, complement, elements of adaptive immunity, B-cells, T-cells, antigen presenting cells, MHC genes and molecules, antigen processing and presentation, cytokines and chemokines. Emphasis on anatomy and the molecular and cellular players working together as a physiological system to maintain human health.
Teaching Dept.	0232 : Microbiology & Immunology
Administering Faculty/Unit	SC : Faculty of Science
Prerequisites	BIOL 200 Web Registration Blocked? : N
Corequisites	BIOL 201 or ANAT 212/BIOC 212 Web Registration Blocked? : N
Restrictions	
Supplementary Calendar Info	
Additional Course Charges	
Campus	Downtown
Projected Enrollment	250
Requires Resources Not Currently Available	N
Explanation for Required Resources	

Required Text/Resources Sent To Library?	
Library Consulted About Availability of Resources?	
Consultation Reports Attached?	
Effective Term of Implementation	201301
File Attachments	<ul style="list-style-type: none"> • MIMM 214 SYLLABUS draft #2.docx View • Departmental curriculum meeting MIMM 214 Oct 2011.doc View • Consultation Dr Jones.pdf View • Consultation Dr Rauch.pdf View • Consultation Drs Wechsler and Cohen.pdf View • MIMM214MIMM314Consultations.pdf View
To be completed by the Faculty	
For Continuing Studies Use	

Approvals Summary

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Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
9								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Jan 23 2012
8								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Dec 9 2011
7								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Dec 8 2011

6								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Dec 8 2011
5								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Dec 7 2011
4								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 22 2011
3								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 14 2011
2								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 14 2011
1								Submitted to Curriculum/Academic Committee for approval Created on: Nov 13 2011