

Revision for BIOC 455

Proposal Reference Number : 2196
 PRN Alias : 10-11#235
 Version No : 2
 Submitted By : Dr John R Silvius
 Edited By : Miss Malek Yalaoui

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Summary of Changes **Teaching Dept., Restrictions**

	Current Data	New Data				
Program Affected?		Y				
Program Change Form Submitted?		N (Simple Change) - (1) B.Sc., Major in Anatomy and Cell Biology – list of Complementary Courses, section beginning "12 credits of biologically oriented courses (BOC) among the courses listed below:" (2) B.Sc., Major in Biochemistry – U3 Complementary Courses list, subsection headed "at least 3 credits selected from:" (3) B.Sc., Honours in Biochemistry – U3 Complementary Courses list, subsection headed "3-6 credits from:" (4) B.Sc., Major in Biology (Neurobiology Concentration) – Subsection headed "Other suggested courses:" (5) B.Sc., Major in Neuroscience – Complementary Courses list, subsection headed "The remaining credits from the following list:" (6) Minor in Neuroscience – Complementary Courses (7) Minor in Neuroscience – Complementary Courses (8) B.Sc., Major in Pharmacology – Complementary Courses list, subsection headed "6 credits selected from the following upper-level science courses:" (9) B.Sc., Honours in Pharmacology – Complementary Courses list (10) Bachelor of Engineering (B.Eng.) - Minor Biotechnology (for Engineering Students) (24 credits) (11) Bachelor of Science (B.Sc.) - Honours Anatomy and Cell Biology (73 credits) (12) Bachelor of Science (B.Sc.) - Honours Microbiology and Immunology (73 credits) (13) Bachelor of Science (B.Sc.) - Minor Biotechnology (for Science Students) (24 credits)				
Subject/Course/Term	BIOC 455 <ul style="list-style-type: none"> one term 					
Credit Weight or CEU's	3 credits.	3 credits				
Course Activities	<ul style="list-style-type: none"> A - Lecture 	<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>Total Hours per Week : 3 Total Number of Weeks : 13</p>	Schedule Type	Hours Per Week	A - Lecture	3
Schedule Type	Hours Per Week					
A - Lecture	3					

Course Title	Course Title on Transcript	Neurochemistry
	Course Title on Calendar	Neurochemistry.
Rationale		Over time, the affiliation of the course instructors has changed such that no member of the Biochemistry Department any longer teaches in the course (or indeed has expertise that would prepare them to teach in the course). It is therefore requested to change the offering department to Psychiatry, with which several of the current instructors (including the coordinator) are affiliated.
Responsible Instructor		Cecilia Flores
Course Description	Covers biochemical mechanisms underlying central nervous system function. Introduces basic neuroanatomy, CNS cell types and morphology, neuronal excitability, chemically mediated transmission, glial function. Biochemistry of specific neurotransmitters, endocrine effects on brain, brain energy metabolism and cerebral ischemia (stroke). With examples, where relevant, of biochemical processes disrupted in human CNS disease.	
Teaching Dept.	0216 : Biochemistry	0259 : Psychiatry
Administering Faculty/Unit	SC : Faculty of Science	
Prerequisites	Prerequisites: BIOC 311, BIOC 312 or permission of instructor	
Corequisites		
Restrictions		Not open to students who have previously received credit for BIOC 455.
Supplementary Calendar Info	1. Winter	
Additional Course Charges		
Campus		Downtown
Projected Enrollment		
Requires Resources Not Currently Available		N
Explanation for Required Resources		
Consultation Reports Attached?		N

Effective Term of Implementation		201201
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Education 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
2								Approved by Curric/Academic Committee Edited by: Malek Yalaoui on: Jan 19 2011
1	Approved Marco Leyton Meeting Date: Oct 14 2010 Approval Date: Oct 14 2010 View Comments		Approved Mimi Israel Meeting Date: Nov 02 2010 Approval Date: Nov 3 2010 View Comments		Approved Nishat Shabnam Meeting Date: Dec 07 2010 Approval Date: Jan 17 2011 View Comments			Approved by Curric/Academic Committee Created on: Oct 6 2010