

New Course

Proposal Reference Number : 9156
 PRN Alias : 14-15#379
 Version No : 5
 Submitted By : Ms Chantal Grignon
 Edited By : Ms Chantal Grignon

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New Data					
Program Affected?	Y				
Program Change Form Submitted?	Y				
Subject/Course/Term	PHAR 505 <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>	Schedule Type	Hours per week	A - Lecture	3
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	A - Lecture	3			
Total Hours per Week : 3 Total Number of Weeks : 13					
Course Title	<table border="1"> <tbody> <tr> <td>Official Course Title :</td> <td>Structural Pharmacology</td> </tr> <tr> <td>Course Title in Calendar :</td> <td>Structural Pharmacology</td> </tr> </tbody> </table>	Official Course Title :	Structural Pharmacology	Course Title in Calendar :	Structural Pharmacology
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Course Title in Calendar :	Structural Pharmacology				
Rationale	<p>The aim of this course is to familiarize students with structure-based drug design methods that are widely-used in the pharmaceutical industry and academia. The course will be coordinated and mainly taught by Drs Jean-François Trempe and Bastien Castagner, two new recruits in the Department with expertise in chemistry & structural biology. It will fill an important knowledge gap in the training of Pharmacology students; the course content integrates seamlessly with other courses offered at the U3 level, such as PHAR 504 and PHAR 508.</p>				
Responsible Instructor	Dr. Jean-François Trempe and Dr. Bastien Castagner				
Course Description	<p>The course will cover approaches widely used in the pharmaceuticals industry, such as drug target selection, structure determination and medicinal chemistry. The basics of structural biology will be taught in a very visual and interactive manner, with an emphasis on drug:target interactions and chemical principles relevant to drug design. By the end of the</p>				

	course, the students will become familiar with the structure-based drug discovery process and principles of molecular pharmacology.
Teaching Dept.	0253 : Pharmacology and Therapeutics
Administering Faculty/Unit	SC : Faculty of Science
Prerequisites	PHAR 301, BIOC 311 or with permission of instructor. Web Registration Blocked? : N
Corequisites	
Restrictions	Not available to students who are/have taken PHAR 503.
Supplementary Calendar Info	
Additional Course Charges	
Campus	Downtown
Projected Enrollment	60
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?	Y <ul style="list-style-type: none"> • PHAR 505 Consultation Form Biochemistry.pdf View • PHAR 505 Consultation Form Chemistry v2 Nov 21.pdf View
Effective Term of Implementation	201509
File Attachments	<ul style="list-style-type: none"> • Structural Pharmacology Syllabus PHAR 505_v3 nov 18.pdf View
To be completed by the Faculty	
For Continuing Studies Use	

Approvals Summary

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Version	Departmental	Departmental	Departmental	Other	Curric/Academic	Faculty	SCTP	Version Status
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No.	Curriculum Committee	Meeting	Chair	Faculty	Committee			
5								Submitted to Curriculum/Academic Committee for approval Edited by: Chantal Grignon on: Nov 21 2014
4								Submitted to Curriculum/Academic Committee for approval Edited by: Chantal Grignon on: Nov 18 2014
3								Submitted to Curriculum/Academic Committee for approval Edited by: Chantal Grignon on: Nov 14 2014
2								Submitted to Curriculum/Academic Committee for approval Edited by: Chantal Grignon on: Nov 14 2014
1								Submitted to Curriculum/Academic Committee for approval Created on: Nov 14 2014