

MEMO

Dean of Graduate Studies

STREET ADDRESS

Maggie Benston Student Services Centre 1100 Burnaby BC V₅A ₁S₆ Canada

MAILING ADDRESS

8888 University Drive Burnaby BC V5A 1S6 Canada TO Senate

TEL

FROM Wade Parkhouse, Dean, Graduate Studies

RE Faculty of Science

[GS2012.21]

CC Peter Ruben

DATE 23 April 2012

For information:

Acting under delegated authority at its meeting of 16 April 2012, SGSC approved the following curriculum revisions:

Effective Date is January 2013

Faculty of Science

[GS2012.21]

Department of Molecular Biology and Biochemistry

i) Minor course changes:

Change of pre-requisites for MBB 505-3

Change of pre-requisites for MBB 659-3

Change of pre-requisites for MBB 679-3

Change of pre-requisites for MBB 727-3

Senators wishing to consult a more detailed report of curriculum revisions may do so by going to Docushare: https://docushare.sfu.ca/dsweb/View/Collection-12682
If you are unable to access the information, please call 778-782-3168 or email shelley_gair@sfu.ca.



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DEAN OF GRADUATE STUDIES OFFICE

TO:

W. Parkhouse

Dean of Graduate Studies

FROM: P. Ruben,

Associate Dean

Faculty of Science Graduate Studies

Committee

RE: Prerequisite Changes - MBB 659,

MBB 505, MBB 679 and MBB 727

DATE: March 12, 2012

The following have been approved by the Faculty of Science and are forwarded for approval by the Senate Graduate Studies Committee. Please include these on the next SGSC agenda.

Molecular Biology & Biochemistry

Prerequisite Changes – MBB 659, MBB 505, MBB 679 and MBB 727

P. Ruben

Enclosure

c. C. Cupples

MOLECULAR BIOLOGY AND BIOCHEMISTRY Memorandum

To: Chair, Faculty Graduate Studies Committee,

Faculty of Science

From: Edgar Young, Chair, MBB Graduate

652005.46

Studies Committee (Acting)

Re: Graduate Course Minor Changes

Date: February 24, 2012

We are requesting minor changes for the following courses:

1. Approval was given for course number changes of MBB 841 and MBB 842 to MBB 741 and MBB 742 in 2005 (Senate Committee meeting:

http://www.sfu.ca/content/dam/sfu/dean-gradstudies/admin/SGSC/2005/SGSCmin-

20051212 .pdf

At that time changes were not requested to change MBB 841 and 842 to MBB 741 and 742 as prerequisites for MBB 505, MBB 659 and MBB 679.

3 Graduate Course Minor Change forms to change this now are attached.

2. We are requesting minor clarifying wording for the calendar regarding prerequisites for MBB 727.

The Graduate Course Minor Change form is attached.

Sincerely,

Chair, MBB Graduate Studies Committee (Acting)



Senate graduate studies committee name

SIMON FRASER UNIVERSITY DEAN OF GRADUATE STUDIES

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DEAN OF GRADUATE STUDIES OFFICE

Graduate Course Minor Change Form

This form is for an SFU department or program to request a minor change to an existing graduate course. After approval and signature by the faculty graduate studies committee, this form should be forwarded to the Dean of Graduate Studies for approval by the Senate Graduate Studies Committee (SGSC). SGSC will forward the approval to Senate for information.

DEPARTMENT					
Department / School / Program Contact name		Contact email			
Molecular Biology & Biochemistry Dr. Edgar You		1, 0	youngec@sfu.ca		
Please revise the following elements of the indicated graduate c ☐ Catalogue number ☐ Units ☐ Title ☐ Description ☑	other: Prerequ	isities			
CURRENT COURSE Please complete only the fields to be changed.	Please complete of	ED COURSE only the fields to be chang	ed.		
Program (eg. LBST) Number (eg. 810) Units (eg. 4) MBB 505 3	Program (eg. LBS)	Number (eg. 810) 505	Units (eg. 4)		
Course title (max 80 characters)	Course title (max 8	0 characters)			
Problem Based Learning in Bioinformatics	Problem Bas	sed Learning in Bio	informatics		
Short title (appears on transcripts, max 25 characters)	Short title (appears	s on transcripts, max 25 char	racters)		
Course description for SFU Calendar	Course description	Course description for SFU Calendar see attached			
Available course components	☐ Laboratory ☐	omponents □ Lecture □ Practicum □ Online □.			
Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)	Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)				
☐ Yes ☐ No	☐ Yes ☐ No				
Grading basis □ Graded □ Satisfactory / Unsatisfactory □ In Progress / Complete □ □ □ □		Grading basis ☐ Graded ☐ Satisfactory / Unsatisfactory ☐ In Progress / Complete ☐			
Prerequisites (if any)	Prerequisites (if ar	Prerequisites (if any) See a Hacaad			
MBB 841 or equivalent bioinformatics course (undergraduate or graduate). This course is identical to CMPT 505 and students cannot take both	MBB 741 or equivalent bioinformatics course (undergraduate or graduate). This course is identical to CMPT 505 and students cannot take both				
This is combined with an undergrad course.	This is combined with an undergrad course. ☐ Yes ☐ No				
Course number and units:	Course number an	Course number and units:			
Additional course requirements for graduate students	Additional course	requirements for graduate st	udents		
APPROVALS Dr. Peter Ruben		349222012	-		
Faculty graduate studies committee name Signature Senate graduate studies committee name Signature Signature	Dans	Date Apr 24/12 Date			

MBB 505 Prerequisites:

MBB 741 or equivalent bioinformatics course (undergraduate or graduate). This course is identical to CMPT 505 and students cannot take both courses for credit.





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Department / School / Pr		act name		Contact email		
Molecular Biology &				youngec@sfu.ca		
Please revise the following elements of the indicated graduate course: Catalogue number Units Title Description Other: Prerequisities						
CURRENT COURSE Please complete only the fields to be changed. Please complete only to				D COURSE	ed.	
Program (eg. LBST) MBB	Number (eg. 810) 659	Units (eg. 4)	Program (eg. LBST) MBB	Number (eg. 810) 659	Units (eg. 4)	
Course title (max 80 characters) Special Topics in Bioinformatics			Course title (max 80 characters) Special Topics in Bioinformatics			
Short title (appears on tra	anscripts, max 25 charac	ters)	Short title (appears on transcripts, max 25 characters)			
Course description for SFU Calendar see attached			Course description for SFU Calendar see attached			
Available course components					Seminar	
Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)			Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks) Yes No			
Grading basis Graded Satisfactory / Unsatisfactory In Progress / Complete		atisfactory	Grading basis ☐ Graded ☐ Satisfactory / Unsatisfactory ☐ In Progress / Complete ☐			
Prerequisites (if any) MBB 441 or 84	1; or CMPT 34	1 or 881	Prerequisites (if any MBB 441 or	741; or CMPT 3	41 or 881	
This is combined with an undergrad course.		res □No	This is combined with an undergrad course.			
Course number and units:			Course number and units:			
Additional course require	ments for graduate stud	ents	Additional course re	quirements for graduate stu	dents	
APPROVALS Dr. Peter Ruben Faculty graduate studies committee name Signature Signature Signature Date Apr 24/12 Date						



SIMON FRASER UNIVERSITY DEAN OF GRADUATE STUDIES

APR 0 4 2012

DEAN OF GRADUATE STUDIES OFFICE

Graduate Course Minor Change Form

Date

Apr 24/12

Signature

This form is for an SFU department or program to request a minor change to an existing graduate course. After approval and signature by the faculty graduate studies committee, this form should be forwarded to the Dean of Graduate Studies for approval by the Senate Graduate Studies Committee (SGSC). SGSC will forward the approval to Senate for information.

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DEPARTME	ENT				
Department / School / Pr		act name		Contact email	
Molecular Biology an				youngec@sfu.ca	
Please revise the followard Catalogue number		ndicated gradua Description	te course: Prereq	uisite course nur	nber
CURRENT O	COUDCE		REVISE	D COLIDEE	
Please complete only th		i.		nly the fields to be changed	d.
Program (eg. ECON)	Number (eg. 810)	Units (eg. 4)	Program (eg. ECON)	Number (eg. 810)	Units (eg. 4)
MBB	679	3			oto (og,
Course title (max 80 char	racters)		Course title (max 80	characters)	
u					
Short title (appears on tra	anscripts, max 25 charac	ters)	Short title (appears of	on transcripts, max 25 charac	cters)
(-)					
Course description for SF	FU Calendar 🔲 see atta	ached	Course description f	or SFU Calendar 🗖 see att	ached
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			18		
Available course compone	ents DLecture DS	minar	Available course com	pponents 🗆 Lecture 🗀 S	eminar
☐ Laboratory ☐ Practic					
Grading basis Grade		atisfactory	Grading basis □ G □ In Progress / Com		atisfactory
In Progress / Complete			Prerequisites (if any)	•	
MBB 442 or 842			MBB 442 or 742		
WIDD 442 UI 042			WIDD 442 OF 742	<u>-</u>	
This is combined with an	undergrad course. 🔲 Y	′es □No	This is combined with	n an undergrad course. \Box	Yes □No
Course number and units	:		Course number and	units:	
Additional course require	ments for graduate stude	ents	Additional course rec	uirements for graduate stud	ents
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		3			
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	ate studies c	ommittee n	name (P. Ruber	n) Signatu	re
Date April				1 Caro	Charles and Control of the Control o
Senate gradua	te studies co	mmittee na	ume		



Senate graduate studies committee name

Signature

SIMON FRASER UNIVERSITY DEAN OF GRADUATE STUDIES

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DEPARTMENT						
Department / School / Program Molecular Biology & Bioo		^{act name} Edgar Your	ng	Contact email youngec@sfu.ca		
Please revise the following elen ☐ Catalogue number ☐ Units	nents of the indica	ited graduate colescription 🔽 0	ther: Prerequ	isities		
CURRENT COUP Please complete only the field		1 .	REVIS Please complete	ED COURSE only the fields to be change	ed.	
Program (eg. LBST) Numb MBB 727	per (eg. 810)	Units (eg. 4)	Program (eg. LBS MBB	Number (eg. 810) 727	Units (eg. 4)	
Course title (max 80 characters)			Course title (max 80 characters)			
Immune System II: Immune Re	sponses in Healtl	h and Disease	Immune System I	: Immune Responses in Heal	lth and Disease	
Short title (appears on transcrip	ots, max 25 charac	cters)	Short title (appear	s on transcripts, max 25 chara	acters)	
Course description for SFU Cale	endar 🗖 see atta	ached	Course description	n for SFU Calendar see at	tached	
☐ Laboratory ☐ Practicum	Lecture S		Available course c	Practicum Online	Seminar	
Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)			Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)			
☐Yes ☐No			Yes No			
Grading basis Graded Satisfactory / Unsatisfactory In Progress / Complete			Grading basis ☐ Graded ☐ Satisfactory / Unsatisfactory ☐ In Progress / Complete ☐			
Prerequisites (if any) MBB HSCI 426 or permission from instructor.			Prerequisites (if any) 5ee after Chica MBB 426 or HSCI 426 or permission of the instructor. Students wicredit for MBB 427, HSCI 427, HSCI 727 may not complete MBB 727 for cr			
This is combined with an undergrad course. ☐ Yes ☐ No			This is combined with an undergrad course. ☐ Yes ☐ No			
Course number and units:			Course number and units:			
Additional course requirements	for graduate stud	lents	Additional course	requirements for graduate stu	dents	
APPROVALS Dr. Peter Ruben Faculty graduate studies commit	tee name Sig	nature		3 Aprilos	2	

MBB 727 Prerequisites:

MBB 426 or HSCI 426 or permission of the instructor. Students w/credit for MBB 427, HSCI 427, HSCI 727 may not complete MBB 727 for credit.

MBB 505-3 Problem Based Learning in Bioinformatics

The problem-based learning course will develop students' ability to exchange ideas in small groups focused on real but simplified problems in bioinformatics. Problems will be carefully selected to cover multiple areas of bioinformatics research. This is an advanced bioinformatics course that assumes the student has previous bioinformatics training Prerequisite: MBB 841 or equivalent bioinformatics course (undergraduate or graduate). This course is identical to CMPT 505 and students can not take both courses for credit.

MBB 659-3 Special Topics in Bioinformatics

Consideration of recent research literature on contemporary topics in bioinformatics. Prerequisites: MBB 441 or 841; or CMPT 341 or 881.

MBB 679-3 Special Topics in Proteomics

Consideration of recent research literature on contemporary topics in proteomics. Prerequisites: MBB 442 or 842.

MBB 727-3 Immune System II: Immune Responses in Health and Disease

The immunologic response to bacterial, viral and parasitic infections, immunological diseases, such as autoimmune diseases, immunodeficiency, hypersensitivity reactions (including asthma and allergy) and transplantation-rejection reactions. Immunotherapeutics and vaccine development Prerequisite: MBB HSCI 426 or permission of the instructor.