

OFFICE OF THE
ASSOCIATE VICE PRESIDENT, ACADEMIC AND ASSOCIATE PROVOST

MEMO

ATTENTION Senate

FROM Bill Krane, Chair
Senate Committee on Undergraduate Studies

CC Jo Hinchliffe, Secretary
Senate Committee on Undergraduate Studies

RE Faculty of Science (SCUS 07-53)

DATE January 16, 2008

At its meeting of December 4, 2007 SCUS discussed the Faculty of Science's proposal to add an Honors component to the joint major between Computing Science and Molecular Biology and Biochemistry. SCUS supported this change and concluded that "as this was an existing joint major and Senate had directed the programs to provide an Honors option, ... in this case the NOI and FPP need not be replicated or referred back to SCUP." Unfortunately, this proposal was sent to the January 7, 2008 meeting of Senate for information (in S.08-15), rather than for approval. To correct this oversight, I now recommend the following:

Motion

That Senate approve and recommend to the Board of Governors the addition of an Honors component to the joint major between Computing Science and Molecular Biology and Biochemistry.

The previous Senate paper S.08-15 and the rationale for the Honors option submitted by Dean Plischke are attached.

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MEMO

ATTENTION	SENATE
FROM	Bill Krane, Chair Senate Committee on Undergraduate Studies <i>Bill Krane</i>
Re	Faculty of Science(07-53)
DATE	December 13, 2007

For information:

Acting under delegated authority at its meeting of December 4, 2007, SCUS approved the following curriculum revisions and proposals:

FACULTY OF SCIENCE (07-53)

1. **Molecular Biology and Biochemistry**
 - i). Replace MBB 221 with MBB 231
 - ii). Prerequisite changes to reflect MBB 231 replacing MBB 221
 - iii). Program changes to reflect MBB 231 replacing MBB 221 and the inclusion of additional Physics courses as options for MBB students.
 - iv). Program change: Adding an Honours component to the joint major between Computing Science and Molecular Biology & Biochemistry.

2. **Chemistry**
 - i). Program changes – addition of MBB 222 to the core requirements for the Major and Honours Programs.
 - ii). Minor changes to the Calendar entries that reflect the addition of this course.

3. **General Science**
 - i). Program Changes – Addition of EASC 101 or GEOG 111
 - ii). Delete the statement, “a minimum of 12 credit hours in subjects outside the Faculty of Science, including a minimum of six credit hours from the Faculty of Arts and Social Sciences”.

Any Senator wishing to consult the full report of curriculum revisions should contact Bobbie Grant, Senate Assistant at 291-3168 or email bgrant@sfu.ca



TO: Bill Krane, Chair, SCUS

FROM: M. Plischke, Dean
Faculty of Science

RE: Faculty of Science
Undergraduate Curriculum
Items

DATE: November 26, 2007

The Faculty of Science has approved the following, which must now be considered by SCUS. This memorandum describes these changes. Please place them on the agenda of the next SCUS meeting.

Molecular Biology and Biochemistry

Replace MBB 221 with MBB 231

Prerequisite changes to reflect MBB 231 replacing MBB 221

Program changes to reflect MBB 231 replacing MBB 221 and the inclusion of additional Physics courses as options for MBB students



Program change: Adding an Honours component to the joint major between Computing Science and Molecular Biology & Biochemistry.

Chemistry

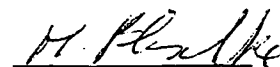
Program changes – addition of MBB 222 to the core requirements for the Major and Honours Programs

Minor changes to the Calendar entries that reflect the addition of this course

General Science

Program Changes – Addition of EASC 101 or GEOG 111

Delete the statement, “a minimum of 12 credit hours in subjects outside the Faculty of Science, including a minimum of six credit hours from the Faculty of Arts and Social Sciences”.


M. Plischke

Enclosures

c. J. Hinchliffe, R. Mathewes

SIMON FRASER UNIVERSITY
New Program Proposal

Joint Honours Program in Computing Science and Molecular Biology and Biochemistry
(132 credit hours)

Calendar entry:

[To be added to the calendar after Joint Major in CS and MBB.]

Students must meet the criteria specified by each program (i.e. MBB and CS) for entering an Honors program, and must seek the permission of the CS dept. In addition to the major program requirements, MBB/CS joint honours students will complete both of: 6 credits of 400 division CPMT courses beyond those required for the joint major; and 6 credits of research-related MBB courses, which can be fulfilled with MBB496-6.

RATIONALE: During its approval of the MBB joint major programs, Senate made it clear that it would be desirable to provide an Honours degree option. Business and MBB have agreed upon this model for their joint honours degree.

This program is identical to the CS-MBB Joint Major, but with the addition of 6 credits each from CS (400 division courses) and MBB (a new course MBB 496 which has already been created - see the calendar description at

http://www3.reg.sfu.ca/Tango/course_index/search.taf?function=detail&Layout_0_uid1=35730).

Effective date: 2005/2006 Calendar or _____

Walter Brandhorst
Walter Brandhorst, Chair MBB
Sept 19, 2007

Michael Hayder
Michael Hayder, Acting Chair FSUCC
Nov 26, 2007