

**Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, December 5, 2012
1:30 p.m.
Regrets call 474-6892**

AGENDA

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. **Report of the Senate Committee on Honorary Degrees
[October 22, 2012]**
2. **Report of the Senate Committee on Honorary Degrees
[November 19, 2012]**

These reports will be distributed to members of Senate at the meeting. Documentation will be available for examination by eligible members of Senate the day preceding the Senate meeting.

II MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

- | | | |
|----|---|---------|
| 1. | <u>Proposed Academic Schedule for 2013-2014</u> | Page 4 |
| 2. | <u>Revision to the 2012 – 2013 Academic Schedule</u> | Page 10 |
| 3. | <u>Report of the Senate Committee on Curriculum and Course Changes on Course and Program Changes</u> | Page 11 |

III MATTERS FORWARDED FOR INFORMATION

- | | | |
|----|---|----------|
| 1. | Report of the Senate Committee on Awards
<u>[October 25, 2012]</u> | Page 178 |
| 2. | International College of Manitoba Annual Report | Page 181 |

Note: The 'ICM End of Semester Report, May – August Semester, 2012' is also available for Senators to review in the Office of the University Secretary.

- 3. Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Medicine Policy on Reappraisal of Student Evaluations**

IV REPORT OF THE PRESIDENT Page 207

V QUESTION PERIOD

Senators are reminded that questions shall normally be submitted in writing to the University Secretary no later than 10:00 a.m. of the day preceding the meeting.

VI	<u>CONSIDERATION OF THE MINUTES OF THE MEETING OF NOVEMBER 7, 2012</u>	
VII	<u>BUSINESS ARISING FROM THE MINUTES</u> - none	
VIII	<u>REPORTS OF THE SENATE EXECUTIVE COMMITTEE AND THE SENATE PLANNING AND PRIORITIES COMMITTEE</u>	
1.	<u>Report of the Senate Executive Committee</u>	Page 226
	Comments of the Senate Executive Committee will accompany the report on which they are made.	
2.	<u>Report of the Senate Planning and Priorities Committee</u>	
	The Chair will make an oral report of the Committee's activities.	
IX	<u>REPORTS OF OTHER COMMITTEES OF SENATE, FACULTY AND SCHOOL COUNCILS</u>	
1.	<u>Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Medicine Policy on Forward Feeding of Clerkship Summative Evaluation Information</u>	Page 227
2.	<u>Report of the Senate Committee on Instruction and Evaluation RE: Revised Graduation Requirements for B.Sc. Major Degrees in Biological Sciences and Chemistry</u>	Page 235
3.	<u>Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Human Ecology, Direct Entry Assessment Policy</u>	Page 239
4.	<u>Revised Regulations for the Faculty of Arts, the Faculty of Science and University 1</u>	Page 243
(a)	<u>Report of the Senate Committee on Instruction and Evaluation</u>	Page 257
(b)	<u>Report of the Senate Committee on Admissions</u>	Page 260
5.	<u>Report of the Senate Committee on Instruction and Evaluation RE: Amendments to the Academic Regulations, Université de Saint-Boniface</u>	Page 261
6.	<u>Proposal from the Faculty of Arts RE: RE: Bachelor of Arts (Honours) in Criminology</u>	Page 274
a)	<u>Report of the Senate Committee on Curriculum and Course Changes</u>	Page 317
b)	<u>Report of the Senate Planning and Priorities Committee</u>	Page 319

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| 7. | Report of the Senate Committee on Admissions RE: Proposal from the Faculty of Education to Delete the Statement of Interest in Teaching from Admission Process | Page 321 |
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| 8. | Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes RE: Department of Canadian Studies (Université de Saint-Boniface and the Faculty of Nursing [October 31, 2012] | Page 322 |
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| X | <u>ADDITIONAL BUSINESS</u> | |
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 | | |
| XI | <u>ADJOURNMENT</u> | |

Please send regrets to shannon_coyston@umanitoba.ca or call to 474-6892.

MEMO

REGISTRAR'S OFFICE

Room 400 University Centre

PH: 474-9425

FAX: 275-2589



UNIVERSITY
OF MANITOBA

Date: November 9, 2012

Memo To: Senate Executive Committee

From: Neil Marnoch, Registrar

A handwritten signature in black ink, appearing to read 'Neil Marnoch'.

Re: Proposed Academic Schedule for 2013-2014

The attached proposed 2013-2014 Academic Schedule has been updated based on changes in days and/or dates to conform to the 2013 and 2014 calendars, along with revised information received from academic units. The proposed schedule has been reviewed by all Faculties and Schools. Please note the following:

1. Deadlines for receipt of applications for admission for the Faculties/Schools will be published on the Enrolment Services website.
2. Labour Day in 2013 is September 2; therefore University Orientation will take place on the first two days of the Fall Term – Tuesday, September 3 and Wednesday, September 4 (see Section 1). **Classes in most faculties and schools will begin on Thursday, September 5 and end on Wednesday, December 4** (see Section 2).
3. There are two statutory holidays in the 2013 Fall Term: Thanksgiving Day, Monday, October 14 and Remembrance Day, Monday, November 11 (see Section 5).
4. There are 63 days available for instruction in Fall Term, including 37 teaching hours in the Monday/Wednesday/Friday time slots and 39 teaching hours in the Tuesday/Thursday time slots.
5. The 2013 December Examination Period will be from **Friday, December 6** through **Wednesday, December 18** (see Section 6).
6. The university will re-open after the Christmas Break on Thursday, January 2, 2014. The Winter Term will commence on Monday, January 6, 2014 (see Section 2).
7. There are two statutory holidays in the 2013 Winter Term: Louis Riel Day on Monday, February 17 and Good Friday on April 18 (during the examination period). (see Section 5).
8. Mid-Term Break in 2014 is February 18 - 21, which is the seventh week of Winter Term. This coincides with the week that Louis Riel Day falls on (Feb. 17) . (see Section 5).
9. There are 63 days available for instruction in Winter Term, including 38 teaching hours in

the Monday/Wednesday/Friday time slots and 37.5 teaching hours in the Tuesday/Thursday time slots.

10. The 2014 April Examination period will be from Friday, April 11 through Friday, April 25 (see Section 6).

11. As approved previously by Senate, the deadline for Voluntary Withdrawal is the 48th teaching day of the term. In 2013-2014 these dates are Wednesday, November 13, 2013 for Fall Term courses and Wednesday, March 19, 2014 for Winter Term and Fall/Winter Term (spanned) courses (see Section 3).

Note: Faculties and schools offering courses with irregular schedules and withdrawal dates must ensure these are well publicized to students.

12. Convocation ceremonies (see Section 9) will be held as follows:

▪ Fall Convocation	October 16 & 17, 2013
▪ Agriculture Diploma Convocation	May 2, 2014
▪ Medicine Convocation	May 15, 2014
▪ Spring Convocation*	June 3, 4, & 5, 2014
▪ Universite de Saint-Boniface Convocation	June 9, 2014

*Note that Spring Convocation ceremonies have been arranged so as not to conflict with the Federation of the Humanities and Social Sciences Annual Congress.

13. Dates on the attached schedule presented as information include: Fee Payment deadlines determined by Financial Services (see Section 4), deadlines to apply for graduation (Section 9), and items listed under Section 10: Other University Special Events.

Encl.

2013-2014 Academic Schedule

Note: Admission Application Deadlines may be found on the web at www.umanitoba.ca/student/admissions

See Section 5 for mid term break and other university closures.

Students registering for **Distance and Online Education** courses should consult the website www.umanitoba.ca/distance for further information.

Education courses may have unique start and end dates. Students are referred to the Aurora Student Class Schedule.

Chapter Contents

- Section 1: Orientation Sessions for Fall/Winter Session
- Section 2: Start and End Dates for Fall/Winter Session
- Section 3: Registration and Withdrawal Dates
- Section 4: Fee Deadlines
- Section 5: Dates of University Closure and Mid Term Break
- Section 6: Fall/Winter Session Examination and Test Dates
- Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests
- Section 8: Grade Appeal Dates
- Section 9: University Convocation
- Section 10: Other University Special Events
- Section 11: Distance & Online Education 2013/14 Deadline Dates
- Section 12: Summer Session 2013 Start and End Dates
- Section 13: Summer Session 2014
- Section 14: Graduate Studies

Section 1: Orientation Sessions for Fall/Winter Session

IDDP Year 1	May-June 2013
New Student Orientation - Fort Garry Campus- Fall 2013	Sept. 3-4, 2013
Agriculture Diploma	Sept. 18, 2013
Agriculture & Food Sciences Year 1	Sept. 4, 2013
School of Art	Sept. 3-4, 2013
Asper School of Business, Year 1 student welcome luncheon	Sept. 3, 2013
Asper School of Business, Year 1 CSA orientation and Barbeque	Sept. 4, 2013
Education, Year 1	Sept. 4, 2013
Education, Year 2 and Year 5 Integrated	Aug. 29, 2013
Faculty of Engineering	Sept. 3-4, 2013
Medicine Inaugural Exercises	Aug. 21, 2013
Music	Sept. 3, 2013
Nursing	Aug. 27, 28, 29, 2013
NOTE: Immunizations/CPR due for all newly admitted Nursing students. Criminal Record Check/Child Abuse Registry/Immunizations/CPR due for all newly admitted Nursing students.	
Nursing, Year 2 Clinical Orientation	Sept. 4, 2013
Nursing, Year 3	Sept. 11, 2013
Nursing, Year 4 clinical orientation and senior practicum (January start) orientation	Sept. 5, 2013
Occupational Therapy, Year 1	Aug. 22 - 23, 2013
Pharmacy, Year 1	Sept. 4, 2013
Social Work, Year 1	Sept. 4, 2013
Social Work, Year 2 and 3 Field Orientation	Sept. 3 and 4, 2013
New Student Orientation - Fort Garry Campus - Winter 2014	Jan. 7, 2014

Section 2: Start and End Dates for Fall/Winter Session

(Classes, practica, experiences)

The following start and end dates are for students in **most** faculties and schools.

Fall Term 2013 (including spanned courses)	Start	End
Most faculties and schools	Sept. 5, 2013	Dec. 4, 2013
Agriculture diploma	Sept. 23, 2013	Dec. 6, 2013
Dentistry, Years 1 and 2	Aug. 12, 2013	Nov. 29, 2013
Dentistry, Year 3	Aug. 6, 2013	Nov. 29, 2013
Clinics	T.B.A.	Dec. 6, 2013
Dentistry, Year 4	Aug. 6, 2013	Dec. 6, 2013
Clinics	T.B.A.	Dec. 13, 2013
Dental Hygiene, Year 2	Aug. 19, 2013	Nov. 29, 2013
Dental Hygiene, Year 3	Aug. 12, 2013	Nov. 29, 2013
Clinics	T.B.A.	Dec. 6, 2013
Law	Sept. 3, 2013	Dec. 2, 2013
Medicine, Years 1	Aug. 20, 2013	Dec. 17, 2013
Medicine, Years 2	Aug. 26, 2013	Dec. 17, 2013
Medicine, Years 3	Aug. 26, 2013	Dec. 17, 2013
Medicine, Years 4	Aug. 26, 2013	Dec. 20, 2013
Nursing Lectures in NURS 2120 (Health Assessment) and Nursing labs in NURS 2120 (Health Assessment) and NURS 2130 (Skills Year2), NURS 3280 (Skills Year 3) start week of Sept. 9, 2013		
Nursing, Year 2 (2180)		
Tuesday/Wednesday clinical starts	Sept. 10, 2013	
Nursing, Year 2 (2180)		
Thursday/Friday clinical starts	Sept. 12, 2013	
Nursing, Year 2 (2190)		
Tuesday/Wednesday clinical starts	Sept. 10, 2013	
Nursing, Year 2 (2190)		
Thursday/Friday clinical starts	Sept. 12, 2013	
Nursing, Year 3		
Tuesday/Wednesday clinical rotation starts	Sept. 24, 2013	
Nursing, Year 3		
Thursday/Friday clinical rotation starts	Sept. 26, 2013	
Nursing, Year 4 4270 clinical rotation starts	Sept. 10, 2013	
Nursing, Year 4 4430		
Tuesday/Wednesday clinical rotation starts	Sept. 17, 2013	
Nursing, Year 4 4430		
Thursday/Friday clinical rotation starts	Sept. 19, 2013	
Nursing, Year 4 4290 senior practicum	Sept. 9, 2013	
Occupational Therapy, Year 1	Aug. 26, 2013	Nov. 15, 2013
Basic Fieldwork	Nov. 18, 2013	Dec. 13, 2013
Occupational Therapy, Year 2	Aug. 26, 2013	Dec. 13, 2013
Pharmacy, Year 4 (classes)	Sept. 3, 2013	Oct. 28, 2013
(SPEP 4 - Block 1)	Nov. 4, 2013	Dec. 13, 2013
(Electives - Block 1)	Nov. 4, 2013	Dec. 20, 2013
Physical Therapy, Years 1 and 2	Aug. 19, 2013	Dec. 18, 2013
Respiratory Therapy, Years 1 and 2	Aug. 26, 2013	Dec. 13, 2013
Respiratory Therapy, Year 3	Aug. 19, 2013	Dec. 20, 2013
Social Work, Field Instruction Years 2 & 3	Sept. 3, 2013	Dec. 6, 2013

Winter Term 2014 (including spanned courses)	Start	End
Most faculties and schools	Jan. 6, 2014	April 9, 2014
Agriculture Diploma	Jan. 6, 2014	Mar. 27, 2014
Dental Hygiene, Years 2 and 3 classes	Jan. 6, 2014	April 4, 2014
Year 2 clinic	Jan. 6, 2014	April 4, 2014
Year 3 clinic	Jan. 6, 2014	April 17, 2014
Dentistry, Years 1, 2 and 3		
Classes and clinics	Jan. 6, 2014	May 16, 2014
Dentistry, Year 4 classes	Jan. 6, 2014	Jan. 10, 2014
Year 4 clinics	Jan. 6, 2014	April 25, 2014
Law	Jan. 6, 2014	April 11, 2014
Medicine, Years 1 and 2	Jan. 6, 2014	May 23, 2014
Medicine, Year 3	Jan. 6, 2014	Aug. 22, 2014
Medicine, Year 4	Jan. 6, 2014	May 15, 2014
Occupational Therapy, Year 1	Jan. 6, 2014	May 2, 2014

Occupational Therapy, Year 2		
Intermediate Fieldwork 2	Jan. 6, 2014	Feb. 28, 2014
Occupational Therapy, Year 2	Mar. 10, 2014	June 27, 2014
Pharmacy, Year 3 (classes)	Jan. 2, 2014	Mar. 24, 2014
Pharmacy, Year 2, SPEP 2	May 5, 2014	May 16, 2014
Pharmacy, Year 3 SPEP 3	April 7, 2014	May 2, 2014
Pharmacy, Year 4,		
(SPEP 4 - Block 2)	Jan. 6, 2014	Feb. 14, 2014
(Electives - Block 2)	Jan. 6, 2014	Feb. 21, 2014
(SPEP 4 - Block 3)	Feb. 24, 2014	Apr. 4, 2014
(Electives - Block 3)	Feb. 24, 2014	April 11, 2014
Physical Therapy, Years 1 and 2	Jan. 3, 2014	variable; depends on clinical placements
Respiratory Therapy, Years 1 and 2	Jan. 6, 2014	April 25, 2014
Respiratory Therapy, Year 3	Jan. 6, 2014	June 6, 2014
Social Work Years 2 and 3 field instruction	Jan. 6, 2014	April 18, 2014

Section 3: Registration and Withdrawal Dates

NOTE: 1. The refund schedule will be published on the Registrar's Office website in July 2013.

2. **Some courses have irregular Voluntary Withdrawal (VW) deadline dates. Please refer to your faculty or school section of the Calendar or the Aurora Student Class Schedule.**

Fall Term 2013 (including spanned courses)	Start	End
Nursing Clinical Courses: last date to register for Fall Term 2013 and Winter Term 2014	Aug. 1, 2013	
Last Date to register and pay fees without (penalty for all programs (except Agriculture Diploma)	Sept. 4, 2013	
Agriculture Diploma	Sept. 20, 2013	
Law: Registration Revision only until Sept. 16, 2013	Sept. 3, 2013	
Registration revisions and late registration in all programs (except Agriculture Diploma and irregularly scheduled courses). A financial penalty is assessed on all late registrations during this period	Sept. 5, 2013	Sept. 18, 2013
Agriculture Diploma	Sept. 23, 2013	Oct. 2, 2013
Last date in all programs (except Agriculture Diploma and irregularly scheduled courses) to withdraw from Fall Term 2013 and full courses and not be assessed a "VW"		Sept. 18, 2013
Agriculture Diploma		Oct. 2, 2013
Last date for Voluntary Withdrawal from Fall Term 2013 courses without academic penalty in all faculties and schools (except Agriculture Diploma). (see refund schedule, published on the Registrar's Office website in July 2013, for financial implications) (For a refund schedule, please check the Registrar's Office website after July 1, 2013.)		Nov. 13, 2013
Agriculture Diploma		Nov. 19, 2013
Winter Term 2014		
Registration and Revision period in Winter Term 2014 half courses in all programs (except irregularly scheduled courses)	Jan. 6, 2014	Jan. 17, 2014
Last date for registration in Winter Term 2014 half courses, including Challenge for Credit, and/or registration revisions in all programs (except irregularly scheduled courses)		Jan. 17, 2014
Law: Registration Revision only until Jan. 17, 2014		Jan. 17, 2014
Winter Term 2014 half courses dropped after this date from any program (except irregularly scheduled courses) are recorded as Voluntary Withdrawals		Jan. 17, 2014
Last date for Voluntary Withdrawal from Winter Term 2014 half courses and full courses without academic penalty in all faculties and schools (except Agriculture Diploma). (see refund schedule, published on the Registrar's Office website in July 2013, for financial implications) (For a refund schedule, please check the Registrar's Office website after July 1, 2013.)		Mar. 19, 2014
Agriculture Diploma		Mar. 10, 2014

Section 4: Fee Deadlines

Last date for all students to pay Fall Term 2013 and 1st instalment fees without late fee (except Agriculture Diploma) Sept. 4, 2013
 Agriculture Diploma Sept. 20, 2013
 Last date for all students to pay Winter Term 2014 and 2nd instalment fees without late fee Jan. 6, 2014

Section 5: Dates of University Closure and Mid Term Break

When the University is closed no classes/examinations will be held.	Start	End
Canada Day (Holiday Observed)	July 1, 2013	
Civic Holiday	Aug. 5, 2013	
Labour Day	Sept. 2, 2013	
Thanksgiving Day	Oct. 14, 2013	
Remembrance Day (Holiday Observed)	Nov. 11, 2013	
December Holidays	Dec. 21, 2013	Jan. 1, 2014
Louis Riel Day	Feb. 17, 2014	
Mid-Term Break* for all faculties and schools (except Medicine, Dentistry, Education, Occupational Therapy, Physical Therapy and Respiratory Therapy Yr. 3)	Feb. 18, 2014	Feb. 21, 2014
Dentistry break	Feb. 24, 2014	Feb. 28, 2014
Occupational Therapy break	Mar. 3, 2014	Mar. 7, 2014
Medicine Years 1 and 2 break	Mar. 17, 2014	Mar. 21, 2014
Physical Therapy, Year 1 break	Mar. 31, 2014	Apr. 4, 2014
Physical Therapy, Year 2 break	TBA	
Good Friday	Apr. 18, 2014	
Victoria Day	May 19, 2014	

*The academic and administrative offices will be open during this period, but there will be no classes/examinations held for students

Section 6: Fall/Winter Session Examination and Test Dates

Students are reminded that they must remain available until all examination and test obligations have been fulfilled.

Fall/Winter Session 2013-2014

Fall Term 2013 (including spanned courses)	Start	End
Most faculties and schools	Dec. 6, 2013	Dec. 18, 2013
Agriculture Diploma	Dec. 9, 2013	Dec. 16, 2013
Dentistry, Years 1, 2, and 3	Dec. 2, 2013	Dec. 13, 2013
Dentistry, Year 4	Dec. 9, 2013	Dec. 13, 2013
Dental Hygiene Year 2	Dec. 2, 2013	Dec. 13, 2013
Dental Hygiene Year 3	Dec. 9, 2013	Dec. 13, 2013
Law	Dec. 5, 2013	Dec. 18, 2013
Pharmacy, Year 4	Oct. 31, 2013	Nov. 1, 2013

Winter Term 2014 (including spanned courses)

Most faculties and schools	April 11, 2014	April 25, 2014
Agriculture Diploma	Mar. 31, 2014	April 7, 2014
Dental Hygiene, Years 2 and 3	April 7, 2014	April 11, 2014
Dentistry, Years 1, 2 and 3	April 14, 2014	April 25, 2014
Year 4	Jan. 13, 2014	Jan. 17, 2014
Law	April 14, 2014	April 28, 2014
Pharmacy, Year 3	Mar. 28, 2014	April 4, 2014
Respiratory Therapy		
Composite Exam, Year 3	June 2, 2014	

Section 7: Challenge for Credit, Supplemental and Other Special Examinations and Tests

Faculties and schools that extend supplemental examination privileges: last date for applications for autumn supplemental examinations	July 2, 2013
Language reading tests for graduate students	Aug. 31, 2013
Last date to apply for Challenge for Credit for courses offered in Fall Term 2013	Sept. 18, 2013
International Dental Degree Program on-site assessment	TBA
Last date to apply for Challenge for Credit for courses offered in Winter Term 2014	Jan. 17, 2014
Agriculture Diploma	Jan. 6, 2014
Last date for applications for Fall Term 2013 supplemental examinations	
Fall term supplementary examinations	Jan. 8, 2014
Language reading tests for graduate students	Mar. 29, 2014
Agriculture Diploma	April 15, 2014
Last date for applications for Winter Term 2014 (supplemental examinations - graduating students)	
Winter Term supplementary examinations- graduating students	April 21, 2014
Last date for applications for Winter Term 2014 (supplemental examinations - non-graduating students)	May 27, 2014
Winter Term supplementary examinations- non-graduating students	June 2, 2014
Last day to register for Challenge for Credit for examinations in June series	April 25, 2014
Medical Council of Canada examinations	April 28 - May 6, 2014

Section 8: Final Grade Appeal Dates

Appeal period for final grades received for Fall Term 2013 courses	Jan. 6, 2014	Jan. 24, 2014
Appeal period for final grades received for Winter Term 2014 courses and full courses	May 20, 2014	June 9, 2014

Section 9: University Convocation

Last date to apply online to graduate in October	July 30, 2013
Last date to apply online to graduate in February	Sept. 18, 2013
Fall Convocation	Oct. 16 - 17, 2013
Last date to apply online to graduate in May	Jan. 17, 2014
Graduation date for students graduating in February 2014 (Graduates may attend a Spring Ceremony)	Feb. 5, 2014
School of Agriculture Convocation ceremony	May 2, 2014
Faculty of Medicine Convocation ceremony	May 15, 2014
Spring Convocation	June 3 - June 5, 2014
Universite de Saint-Boniface Convocation ceremony	June 9, 2014

Section 10: Other University Special Events

Head Start 2013	June 8, 2013
2013 School Counsellors Admissions Seminar	Sept. 2013
Enrolment Services/Student Recruitment: Evening of Excellence	Oct. 2013
Memorial events for 14 women murdered at l'Ecole Polytechnique in 1989	Dec. 6, 2013
Information Days for high school students	Feb. 19-20, 2014
Annual traditional Graduation Pow Wow in honour of Aboriginal students	May 3, 2014

Section 11: Distance and Online Education 2013/2014 Deadline Dates

Start and End Dates	Start	End
Fall term 2013 (including spanned courses)	Refer to Section 2 for start & end dates	
Winter Term 2014	Refer to Section 2 for start & end dates	
Winter/Summer Term 2014	Jan. 6, 2014	July 4, 2014
Summer Term 2014	May 5, 2014	Aug. 1, 2014

Registration and Withdrawal Dates		
Fall Term 2013 (including spanned courses)	Refer to Section 3 for registration & withdrawal dates	
Winter Term 2014	Refer to Section 3 for registration & withdrawal dates	

Winter/Summer Term 2014	Start	End
Registration and Revision period	Jan. 6, 2014	Jan. 17, 2014
Last date for Voluntary Withdrawal		June 6, 2014
Summer Term 2014		
Registration and Revision period	May 5, 2014	May 16, 2014
Last date for Voluntary Withdrawal		July 11, 2014
Application to write examinations at a location other than the University of Manitoba		
Fall term 2013	Oct. 1, 2013	
Fall/Winter and Winter term 2014	Feb. 3, 2014	
Winter/Summer term 2014	May 1, 2014	
Summer term 2014	June 2, 2014	
Examination and Test Dates		
Fall Term 2013	Refer to Section 6 for examination and test dates	
Winter Term 2014	Refer to Section 6 for examination and test dates	
Winter/Summer term 2014	July 7, 8 & 9, 2014	
Summer Term 2014	Aug. 5 - 8 & 11, 2014	

Section 12: Summer Session 2013

Start and End Dates

For more detailed information, please consult the Summer Session Calendar available from the Summer Session Office, 166 Extended Education Complex. The Summer Session Calendar is available on-line at umanitoba.ca/summer.

May Day, June Day, May-June Day	Start	End
Classes	May 6, 2013	June 25, 2013
Examinations		
May Day	May 31, 2013	June 1, 2013
June Day & May-June Day	June 27, 2013	June 28, 2013
May-June Eve, June-Aug. Eve, May-Aug. Eve		
Classes	May 6, 2013	Aug. 7, 2013
Examinations		
May-June Eve	June 21, 2013	June 22, 2013
June-Aug Eve & May-Aug Eve	Aug. 9, 2013	Aug. 10, 2013
July Day, Aug. Day, July-Aug. Day		
Classes	July 2, 2013	Aug. 21, 2013
Examinations		
July Day	July 26, 2013	July 27, 2013
Aug. Day & July-Aug. Day	Aug. 23, 2013	Aug. 24, 2013
Other		
Medicine, B.Sc.	May 27, 2013	Aug. 23, 2013
Nursing Summer Term	April 22, 2013	July 24, 2013
Occupational Therapy, Year 1		
Intermediate Fieldwork 1	May 6, 2013	June 28, 2013
Occupational Therapy, Year 2		
Advanced Fieldwork	July 2, 2013 (flexible start date)	must end by Sept. 13, 2013
Physical Therapy Summer Term	variable; depends on clinical placements	
Respiratory Therapy, Year 2	April 29, 2013	June 28, 2013

Section 13: Summer Session 2014

Class Start Dates		
Nursing summer term	April 21, 2014 to July 25, 2014	
Summer Session Start Date	May 5, 2014	
Medicine B.Sc.	May 26, 2014 - Aug. 22, 2014	
Occupational Therapy, Year 1		
Intermediate Fieldwork 1	May 5, 2014 - June 27, 2014	
Occupational Therapy, Year 2		
Advanced Fieldwork	June 30, 2014 - flex. start date	must end by Sept. 12, 2014
Physical Therapy, Year 2	flex start date - must end by Sept. 19, 2014	
Respiratory Therapy, Year 2	April 28, 2014 - June 27, 2014	

The other summer session dates are not available yet.

Section 14: Faculty of Graduate Studies Submission Dates for 2013-2014

For reports on theses/practica (and the corrected copies of the theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in October Aug. 22, 2013

For receipt, in Graduate Studies Office, of Ph.D. theses (for distribution) from graduate students expecting to graduate in February Oct. 1, 2013

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in February Oct. 14, 2013

For reports on theses/practica (and the corrected copies of theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in February. Jan. 3, 2014

For receipt, in Graduate Studies Office, of Ph.D. theses (for distribution) from graduate students expecting to graduate in May. Jan. 13, 2014

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in May Jan. 20, 2014

For reports on theses/practica (and the corrected copies of theses/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in May April 2, 2014

For receipt, by the Faculty of Graduate Studies, of Progress Reports for Master's and Ph.D. students June 15, 2014

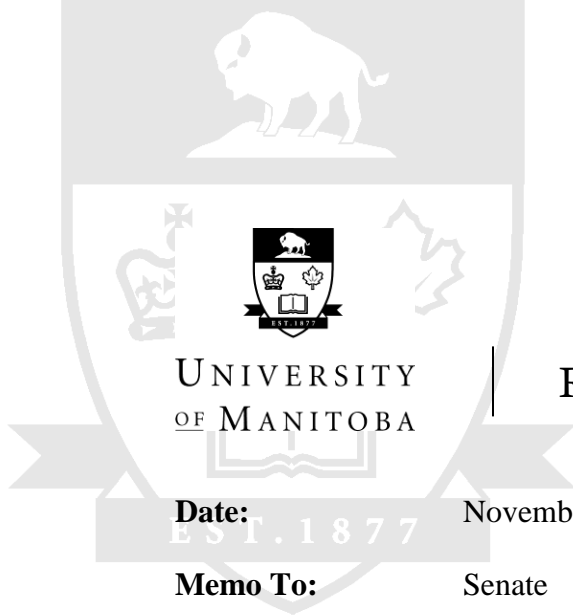
For receipt, in Graduate Studies Office, of Ph.D. theses (for distribution) from students expecting to graduate in October June 9, 2014

For distribution of Master's theses/practica (to examining committee) by students expecting to graduate in October June 16, 2014

For reports on thesis/practica (and the corrected copies of thesis/practica), comprehensive examinations and M.Eng. projects to be submitted to Graduate Studies by students expecting to graduate in October. Aug. 21, 2014

November 8, 2012

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.



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Registrar's Office

Date: November 20, 2012

Memo To: Senate

From: Neil Marnoch, Registrar

Re: **Revision to the 2012 – 2013 Academic Schedule**

Please consider the following change proposed by the School of Medical Rehabilitation to the 2012 - 2013 Academic Schedule:

Master of Physical Therapy

Revise the Start date of the 2013 Winter Term to January 7, 2013 from January 3, 2013.

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

Report of the Senate Committee on Curriculum and Course Changes – Part A - Submitted to Senate for Concurrence Without Debate

Preamble:

1. The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found on the website at: http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.htm. SCCCC is “to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses”.
2. Since last reporting to Senate, the Senate Committee on Curriculum and Course Changes (SCCCC) met on October 9, 15, and 31, and on November 5 and 7, 2012, to consider curriculum and course changes from Faculties and Schools.

Observations:

1. General

In keeping with past practice, most changes for departments totalling less than ten credit hours are forwarded to Senate for concurrence without debate. This is in accordance with the Senate’s recommendation approved July 3, 1973, that course changes would cease to go to the SPPC when the resource implications are intra-faculty. Deans and Directors are to assess the resource implications to the respective units when course changes are proposed. Major changes in existing programs are to be referred to the SPPC for assessment of resource implications.

1. Faculty of Agricultural and Food Sciences

Entomology

The department is proposing the introduction of two courses: **ENTM 3180 Field Techniques in Entomology** (3) and **ENTM 3190 Introduction to Applied Entomology** (3). The department is proposing a modification to the Entomology Minor program, to include the two course introductions on the list of courses eligible for the minor.

Plant Science

The department is proposing the deletion of six (6) courses: **PLNT 0660 Plant Propagation** (3), **PLNT 0670 Landscape Plants** (3), **PLNT 0680 Landscape Design** (3), **PLNT 0690 Landscape Maintenance** (3), **PLNT 0700 Nursery Management** (3), **PLNT 0710 Greenhouse Crop Production** (3).

Soil Science

The department is proposing the modification of **SOIL 4400 Soil Ecology** (3) and the deletion of **SOIL 4080 Soils Thesis** (6).

2. School of Art

The school is proposing modifications to thirty-four (34) courses: **STDO 1450 Open Studio 1 (3), STDO 2210 Sculpture 1 (6), STDO 2220 Painting 1 (6), STDO 2230 Ceramics 1 (6), STDO 2250 Drawing 1 (6), STDO 2400 Photography 1 (6), STDO 2460 Digital Photography 1 (6), STDO 2500 Intaglio A (3), STDO 2510 Silkscreen A (3), STDO 2520 Lithography A (3), STDO 2530 Relief and Monoprints (3), STDO 2610 Video 1 (6), STDO 2630 Design Studio 1 (3), STDO 2650 Digital Design Technology (3), STDO 2710 Interdisciplinary Critique 1 (3), FAAH 1040 Introduction to Art 2A (3), FAAH 2060 Medieval to Early Renaissance Art and Architecture (3), FAAH 2070 Renaissance to Baroque Art and Architecture (3), FAAH 2080 Modern to Contemporary Art (3), FAAH 3130 Topics in Medieval Art and Architecture (3), FAAH 3140 Topics in Renaissance and Baroque Art and Architecture (3), FAAH 3150 Topics in 18th and 19th Century Art (3), FAAH 3160 Topics in 20th Century Art (3), FAAH 3180 History of Photography (3), FAAH 3190 History of Ceramics (3), FAAH 3200 Art in New Media (3), FAAH 3230 Chinese Art and Architecture (3), FAAH 3240 Japanese Art and Architecture (3), FAAH 3260 Canadian Art and Architecture to World War 2 (3), FAAH 3270 Canadian Art and Architecture Since World War 2 (3), FAAH 3280 Early Byzantine Art and Architecture (3), FAAH 3290 Later Byzantine Art and Architecture (3), FAAH 3430 Inuit Art (3), FAAH 3590 Islamic Art and Architecture (3).**

3. Faculty of Arts

Faculty of Arts

The Faculty of Arts is proposing a modification to the Double Advanced Major¹ that will limit the total number of required credit hours to 120. The change will ensure that it is possible for students to complete their program within four years. At present, Double Advanced Majors are created for students on an ad hoc basis to meet the individual student's paired interests, with no uniformity in the credit hour requirements. As a result, depending on the combination of Advanced Majors selected by a student and the variable requirements for Advance Major degrees within each department, students who elect to undertake a Double Advanced Major are required to complete, at a minimum, 138 credit hours and at a maximum 162 credit hours.

The SCCCC has endorsed a recommendation from the Arts Faculty Council, to establish a template for a Double Advanced Major that would require students to complete 42 credit hours for each of two Advanced Majors plus 36 credit hours of electives, for a total of 120 credit hours. Effective September 1, 2013, any Department or Program in the Faculty wanting to offer a Double Advanced Major must introduce a 42 credit hour curricula for that degree, for approval by the relevant bodies in the Faculty, the SCCCC, and Senate.

The SCCCC has endorsed proposals to formally establish curricula for Double Advanced Majors, which follow the newly established template, in English, Film Studies,

¹ Senate approved the establishment of a Double Major for the B.A. General and B.A. Advanced programs at its meeting of September 3, 2008.

and Theatre, as outlined in the attachment to this report (see Faculty of Arts, English, Film, and Theatre).

Anthropology

The department is proposing modifications to four (4) courses: **ANTH 2060 European Archaeology (D) (3)**, **ANTH 3380 Anthropology and Contemporary Social Issues (B) (3)**, **ANTH 3470 History of Anthropology (B) (3)**, and **ANTH 4850 Advanced Seminar in Anthropological Theory (B) (3)**. The department is also proposing a modification to all Anthropology courses; the removal of the area of study noted in brackets following the course title. The change follows from proposed modifications to the requirements for the General Major, Advanced Major, and Minor (Concentration).

Asian Studies

The department is proposing that FILM 2380 The International Cinema 1 and FILM 2390 The International Cinema 2 be added to List A, with the restriction that the courses are acceptable for credit only when the topic is Asia-related.

Canadian Studies

The program is proposing that HIST 3442 Race, Ethnicity, Immigration, and Nation in Canadian History (C) and HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) be added to the List of Approved Courses in Canadian Studies.

Central and East European Studies

The program is proposing modifications to the requirements for the General Major, Advanced Major, Minor (Concentration), and Honours Double Programs. The program is also proposing that the following courses be added to the List of Approved Courses in Central and East European Studies: YDSH 2320 Yiddish Literature and Language (6) and RLGN 2530 Eastern Christianity in the Contemporary World (A) (3).

Classics

The department is proposing the deletion of two (2) courses: **GRK 2730 Readings on Heroic and Mythological Themes (3)** and **GRK 2750 Readings on the Intellectual Life of Classical Athens (3)**; the introduction of three (3) courses: **GRK 2732 Readings in Greek Poetry (3)**, **GRK 2752 Readings in Greek Prose Literature (3)**, and **CLAS 3264 Pompeii and Herculaneum (3)**; and the modification of fifteen (15) courses: **GRK 3750 Homer (3)**, **GRK 3770 Greek Poetry of the Archaic Period (3)**, **GRK 3790 The Greek Tragedians (3)**, **GRK 3810 Aristophanes (3)**, **GRK 3830 The Greek Historians (3)**, **GRK 3850 Plato (3)**, **GRK 3870 The Attic Orators (3)**, **LATN 3740 Roman Comedy(3)**, **LATN 3760 Orations of Cicero (3)**, **LATN 3780 Roman Satire (3)**, **LATN 3800 Lyric and Elegiac Poetry of the Augustan Age (3)**, **LATN 3820 Vergil's Aeneid (3)**, **LATN 3840 Vergil's Eclogues and Georgics (3)**, **LATN 3860 The Roman Historians (3)**, **LATN 3880 Poetry of the Silver Age (3)**.

Economics

The department is proposing the modification of three (3) courses: **ECON 2390 Introduction to Environmental Economics (3)**, **ECON 3700 Microeconomic Analysis 2**, and **ECON 3800 Macroeconomic Analysis 2 (3)**.

English, Film, and Theatre

The department is proposing a modification to **ENGL 1340 Introduction to Literary Analysis (3)**. The department is proposing to introduce Double Advanced Majors in English, Film Studies, and Theatre. The department is proposing modifications to the program notes in the Undergraduate Calendar for the General Majors and Single Advanced Majors in English and Film Studies and for the Minor (Concentration) in Film Studies.

French, Spanish and Italian

The department is proposing the introduction of two (2) courses: **SPAN 2210 Voices and Images of Latin America (3)** and **SPAN 3080 Contemporary Latin American Novel (3)**.

Global Political Economy

The program is proposing modifications to the General Major and Advanced Major programs and corresponding changes to the List of Courses for Global Political Economy. The program is proposing that the following courses be added to the List of Suggested Electives: HIST 3260 Commerce, Rights and Empire in European Thought, 500 – 2000 (M) (3), LABR 3210 Working People in Hard Times (3), LABR 3220 Global Sweatshops, Global Struggles (3).

History

The department is proposing the deletion of two (2) courses: **HIST 2970 Modern Canada: 1921 to the Present (C) (6)** and **HIST 3570 History of Women in Canada (C) (6)**; the introduction of two (2) courses: **HIST 3442 Race, Ethnicity, Immigration, and Nation in Canadian History (C) (3)** and **HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) (6)**; and the modification of one course, **HIST 2286 Modern Canada (C) (3)**.

Interdisciplinary - Arts

The program is proposing the modification of **ARTS 1110 Introduction to University (3)**.

Labour Studies

The program is proposing the modification of the List of Electives, to include HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) (6) and to indicate that HIST 2970 and HIST 3570 are no longer offered.

Latin American Studies

The program is proposing modifications of the Minor (Concentration) to include SPAN 2210 Voices and Images of Latin America (3) and SPAN 3080 Contemporary Latin American Novel (3) as courses eligible for the Minor.

Native Studies

The department is proposing modifications to five (5) courses: **NATV 1200 The Native Peoples of Canada** (6), **NATV 1220 The Native Peoples of Canada, Part 1** (3), **NATV 1240 The Native Peoples of Canada, Part 2** (3), **NATV 1250 Introductory Cree 1** (3), **NATV 1260 Introductory Cree 2** (3).

Philosophy

The department is proposing the deletion of **PHIL 2610 History and Philosophy of Science** (6) and the introduction of two (2) courses: **PHIL 2612 A Philosophical History of Science** (3) and **PHIL 2614 Philosophy of Science** (3). The department is proposing modifications to the Honours Single and Honours Double programs.

Psychology

The department is proposing the modification of two (2) courses: **PSYC 3360 Experimental Child Psychology** (3) and **PSYC 4520 Honours Research Seminar** (6). The department is proposing modifications to the Honours Single program.

Religion

The department is proposing the introduction of three (3) courses: **RLGN 2222 The Supernatural in Popular Culture (C)** (3), **RLGN 3194 Islamic Philosophy (B)** (3), and **RLGN 3560 Texts in Original Languages** (3).

Sociology

The department is proposing the introduction of **SOC 4490 Advanced Seminar in Criminology** (3) and the modification of two (2) courses: **SOC 2200 Sociology Through Film** (3) and **SOC 3100 Practicum in Criminological/Sociological Research** (6). Program modifications to the Honours Single and Honours Double programs are proposed.

Women's and Gender Studies

The program is proposing the modification of List A to include HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) (3) and to indicate that ANTH 3350 Anthropology of Sex and Sexualities (B) and HIST 3570 History of Women in Canada (C) (6) are no longer offered.

Other Faculties and Schools – History of Art

The program is proposing the modification of List B to include FAAH 2930 Writing About Art (3).

4. Faculty of Dentistry

The introduction of fifteen (15) third year courses by the Faculty of Dentistry represents the third phase of the Faculty's implementation of a revised credit hour system for the undergraduate program that more accurately reflect students' contact hours and workload for each course. Existing third year courses, with the previous credit hour weighting, will be deleted once all students admitted to the program prior to 2011 have completed all coursework.

In phase two of the revision to the undergraduate curriculum, the faculty is proposing the introduction of fifteen (15) courses for the third year program: **DDSS 3142 Medicine** (2), **DDSS 3152 Temporomandibular Disorder and Orofacial Pain** (2), **DDSS 3112 Oral Diagnosis and Radiology 1** (2), **DDSS 3132 Oral and Maxillofacial Surgery 1** (2), **DDSS 3102 Periodontology 3** (3), **DDSS 3120 Pain and Anxiety Control 2** (1), **ORLB 3300 Pathology and Microbiology 2** (1), **ORLB 3062 Pharmacology and Dental Therapeutics** (2), **PDSD 3402 Orthodontics 3** (2), **PDSD 3412 Pediatric Dentistry 2** (3), **PDSD 3422 Dental Public Health / Preventive Dental Science** (2), **RSTD 3512 Operative Dentistry 3** (5), **RSTD 3532 Fixed Prosthodontics 2** (5), **RSTD 3522 Endodontology 2** (3), **RSTD 3542 Complete and Removable Partial Denture Prosthodontics** (3).

5. Faculty of Engineering

Biosystems Engineering

The department is proposing the deletion of four (4) courses: **BIOE 3200 Environmental Engineering for Non-Engineers** (3), **BIOE 2000 Co-op Work Study 1** (1), **BIOE 3000 Co-op Work Study 2** (1), and **BIOE 4000 Co-op Work Study 3** (1); and the modification of **BIOE 4480 Environmental Impact Assessment** (4). The department is proposing additions to the free elective course lists for the Biomedical and Sustainable Building Systems Specializations, and modifications to the free elective course lists for all five specializations (Agricultural, Biomedical, Bioprocessing, Environmental, Sustainable Building Systems) to empower the Head to approve other suitable free elective courses.

Civil Engineering

The department is proposing the deletion of five (5) courses: **CIVL 2900 Co-op Work Term 1** (0), **CIVL 3910 Co-op Work Term 2** (0), **CIVL 4920 Co-op Work Term 3** (0), **CIVL 4930 Co-op Work Term 4** (0), **CIVL 4940 Co-op Work Term 5** (0); the modification of one course, **CIVL 3690 Environmental Engineering Analysis** (3); and the introduction of one (1) course, **CIVL 4120 Water Treatment Plant Design** (4). The department is proposing a modification to the program that replaces the existing service course CHEM 2560 Water Quality Analysis for Engineers with the general course CHEM 1310 An Introduction to Physical Chemistry.

Electrical and Computer Engineering

The department is proposing the deletion of the course **ECE 4720 Industry Internship** (0).

Mechanical and Manufacturing Engineering

The department is proposing the deletion of four (4) courses: **MECH 2050 Mechanical Engineering Coop Education Assignment 1 (1)**, **MECH 3050 Mechanical Engineering Coop Education Assignment 2 (1)**, **MECH 4050 Mechanical Engineering Coop Education Assignment 3 (1)**, **MECH 4060 Mechanical Engineering Coop Education Assignment 4 (1)**.

Faculty of Engineering

The faculty is proposing the introduction of five (5) courses: **ENG 4800 Co-op / IIP Work Term 1 (1)**, **ENG 4810 Co-op / IIP Work Term 2 (1)**, **ENG 4820 Co-op / IIP Work Term 3 (1)**, **ENG 4830 Co-op / IIP Work Term 4 (1)**, **ENG 4840 Co-op / IIP Work Term 5 (1)**. The faculty is proposing program modifications involving the restructuring of all cooperative education/industry internship programs with the Faculty in order to introduce a common administrative structure Faculty wide. The faculty will introduce five common single-term Coop / IIP courses (ENG 5010, ENG 5020, ENG 5030, ENG 5040, and ENG 5050) to replace all existing Coop / IIP courses offered by the various departments.

6. Clayton H. Riddell Faculty of Environment, Earth, and Resources

Geological Sciences

The department is proposing the introduction of **GEOL 4380 Mineral Resource Development (3)**. The Department is proposing that the Geological Sciences – Geology Electives List B and the Geological Sciences – Geophysics Electives List B be modified to include GEOL 4380.

Environment and Geography

The department is proposing the modification of **ENVR 2000 Environmental Science 2: Issues (3)**.

7. Faculty of Kinesiology and Recreation Management

The faculty is proposing two (2) course introductions: **PERS 4320 Sport and the Body (3)** and **PERS 4310 Physical Activity Counselling (3)**; and two (2) course modifications: **PERS 2100 Introduction to Professional Practice (3)** and **PERS 2200 Program Planning Principles (3)**. The faculty is proposing that PERS 1400 Concepts of Recreation and Leisure no longer be required in Year 1 of the curriculum of the Bachelor of Kinesiology, Bachelor of Kinesiology – Athletic Therapy, and Bachelor of Physical Education programs and that it be replaced by 3 credit hours of electives. The faculty is proposing that PERS 1200 Physical Activity, Health and Wellness and PERS 1500 Foundations of Physical Education and Kinesiology no longer be required in Year 1 of the curriculum of the Bachelor of Recreation Management and Community Development and that it be replaced by 6 credit hours of electives.

8. **I.H. Asper School of Business, Faculty of Management**

The faculty is proposing the modification of **ACT 3230 Actuarial Models 2 (3)** and **ACT 4060 Actuarial Aspects of Investment Practice (3)**.

9. **Faculty of Medicine**

The faculty is proposing a renewed curriculum for the Undergraduate Medical Education Program, including modifications to the curriculum framework, curricular content, delivery, performance and evaluation. The faculty will provide a second report on the curriculum renewal upon full implementation of the proposed educational governance model and subsequent development of course content by the educational leadership.

10. **Marcel A. Desautels Faculty of Music**

The faculty is proposing the deletion of sixteen (16) courses: **MUSC 1070 Introduction to the History of Music (3)**; **MUSC 1080 History of Music 2 (3)**, **MUSC 1380 Basic Music Skills 1 (2)**, **MUSC 1390 Basic Music Skills 2 (2)**, **MUSC 2070 History of Music 3 (3)**, **MUSC 2080 History of Music 4 (3)**, **MUSC 2380 Basic Music Skills 3 (2)**, **MUSC 2390 Basic Music Skills 4 (2)**, **MUSC 3300 Composition Study (6)**, **MUSC 3552 Jazz Recital 1 (6)**, **MUSC 3600 Conducting (3)**, **MUSC 3880 Jazz Ensemble Techniques (3)**, **MUSC 3960 Music of the Twentieth Century 1 (3)**, **MUSC 3970 Music of the Twentieth Century 2 (3)**, **MUSC 4150 Choral Repertoire (3)**, **MUSC 4300 Composition Study (6)**.

The faculty is proposing the introduction of twenty-one (21) courses: **MUSC 1004 Introduction to Music in History 1 (3)**, **MUSC 1014 Introduction to Music in History 2 (3)**, **MUSC 1384 Musicianship 1 (2)**, **MUSC 1394 Musicianship 2 (2)**, **MUSC 1404 Introduction to Composition 1 (3)**, **MUSC 1414 Introduction to Composition 2 (3)**, **MUSC 2384 Musicianship 3 (2)**, **MUSC 2394 Musicianship 4 (2)**, **MUSC 3054 Medieval and Renaissance Music History (3)**, **MUSC 3064 Baroque Music History (3)**, **MUSC 3074 Classical Music History (3)**, **MUSC 3084 Romantic Music History (3)**, **MUSC 3104 History of Opera I: From Monteverdi to Mozart (3)**, **MUSC 3114 History of Opera II: From Mozart to the Modern Era (3)**, **MUSC 3404 From New Wave to Rave: A History of Popular Music in the Late 20th Century (3)**, **MUSC 3554 Jazz Recital 1 (3)**, **MUSC 3884 Introduction to Jazz for Music Educators (3)**, **MUSC 3894 Guitar Techniques (3)**, **MUSC 3964 History of Western Art Music After 1900 (3)**, **MUSC 3974 Music Theory After 1900 (3)**, **MUSC 4154 Choral Repertoire (3)**.

The faculty is proposing the modification of thirty-one (31) courses: **MUSC 1050 The Well-Tempered Concert Goer (3)**, **MUSC 1180 Ensemble (2)**, **MUSC 1190 Ensemble (2)**, **MUSC 1280 Musical Style and Structure 1 (3)**, **MUSC 1290 Musical Style and Structure 2 (3)**, **MUSC 1930 Rudiments of Music (3)**, **MUSC 2072 Jazz History 1 (3)**, **MUSC 2180 Ensemble (2)**, **MUSC 2190 Ensemble (2)**, **MUSC 2400 Major Practical Study (6)**, **MUSC 3090 Introduction to Ethnomusicology (3)**, **MUSC 3180 Ensemble (2)**, **MUSC 3190 Ensemble (2)**, **MUSC 3380 From Rock to Rap and Beyond: A History of Popular Music in the Later 20th Century (3)**, **MUSC 3390 From Ragtime to Rock 'n' Roll: A History of Popular Music in the 20th Century (3)**, **MUSC**

3470 Major Practical Study (6), MUSC 3550 Recital 1 (3), MUSC 3690 Percussion Techniques (3), MUSC 3730 Early Music Development (3), MUSC 3770 Vocal Techniques (3), MUSC 3780 Woodwind Techniques (3), MUSC 3790 Brass Techniques (3), MUSC 3800 String Techniques (3), MUSC 4180 Ensemble (2), MUSC 4190 Ensemble (2), MUSC 4560 Recital 2 (6), MUSC 4562 Jazz Recital 2 (6), MUSC 4650 Interactive Computer Music (3), MUSC 4660 Computer Assisted Composition (3), MUSC 4750 Choral Techniques 1 (3), MUSC 4770 Band and Orchestral Techniques 1 (3).

The faculty is proposing program modifications to the Bachelor of Music, including the General, Performance, Composition, and History concentrations, the Bachelor of Music / Bachelor of Education (Integrated Music Education Program), and the Bachelor of Jazz Studies program in order to: establish a common first year for all students; introduce greater flexibility; clarify curricular structures; eliminate redundancies and gaps; improve balance between academic and performance-based student activities.

The faculty is proposing to establish unified requirements for a Music Minor for students in faculties other than the Faculty of Music, which are to be outlined under the Faculty of Music in the Undergraduate Calendar.

11. **Faculty of Pharmacy**

The faculty is proposing the deletion of two (2) courses, **PHRM 2220 Medicinal Chemistry 1 (6)** and **PHRM 3220 Medicinal Chemistry 2 (3)**, and the introduction of **PHRM 2222 Medicinal Chemistry (6)**. The faculty is proposing program modifications to years two and three of the B.Sc. in Pharmacy that follow from the course deletions and introduction.

12. **Faculty of Science**

Faculty of Science

The faculty is proposing the introduction of one (1) course, **FORS 3000 Forensics Processing and Analysis**, and modifications to “Group A” and “Group B” for the Bachelor of Science General degree.

Biochemistry

The department is proposing that CHEM 3590 be added to the List of Optional Courses for the Honours and Honours Co-op programs.

Biological Sciences

The department is proposing the deletion of four (4) courses: **BIOL 1110 Health and Health Professions (3)**, **BIOL 4240 Advanced Plant Systematics (3)**, **BIOL 4242 The Evolution of Plant Structures and Systems (3)**, **BIOL 4552 Molecular Biology Techniques for Eukaryotes (3)**; the introduction of three (3) courses: **BIOL 4554 Molecular Biology Techniques for Eukaryotes – DNA (3)**, **BIOL 4556 Molecular Biology Techniques for Eukaryotes – RNA (3)**, **BIOL 4300 Evolution and Adaptation (3)**; and the modification of one (1) course, **BIOL 4470 Sensory-Motor**

Physiology (3). The department is proposing program modifications, involving changes to required courses, to the B.Sc. Major in Biological Sciences Cooperative Options (all themes) and to the Evolution and Biodiversity Theme and the Integrative Biology Theme of the B.Sc.(Major) and B.Sc.(Hons.) in Biological Sciences, including the Cooperative Options.

Microbiology

The department is proposing modifications to two (2) courses: **MBIO 1220 Essentials of Microbiology** (3) and **MBIO 2410 Essentials of Molecular Biology** (3). The department is proposing program modifications to the B.Sc. Major in Microbiology, including the Cooperative Option, and to the B.Sc. Honours in Microbiology, including the Cooperative Option, that follow from the course modifications.

Physics and Astronomy

The department is proposing modifications to nine (9) courses: **PHYS 2260 Optics** (3), **PHYS 2380 Quantum Physics 1** (3), **PHYS 2600 Electromagnetic Field Theory** (3), **PHYS 2650 Classical Mechanics 1** (3), **PHYS 3180 Stars** (3), **PHYS 3220 Medical Physics and Physiological Measurement** (3), **PHYS 3630 Electro- and Magnetostatic Theory** (3), **PHYS 3640 Electro- and Magnetodynamics and Special Relativity** (3), **PHYS 3670 Classical Thermodynamics** (3).

Psychology

Program modifications:

The department is proposing modifications to year 3 of the Bachelor of Arts (Honours) and the Bachelor of Science (Honours) programs in Psychology, to add PSYC 2630 and PSYC 3340 as a required course and to reduce the number of 2000- or 3000- level Psychology courses from 12 to 9 credit hours.

13. Université de Saint-Boniface

Philosophie

The department is proposing the deletion of two (2) courses, **PHIL 2820 L'existentialisme** (6) and **PHIL 3571 Philosophie de l'homme** (3), and the introduction of two (2) courses, **PHIL 2171 Sujets particuliers 1** (3) and **PHIL 2823 Philosophie de l'existence** (3).

Recommendations

The Senate Committee on Curriculum and Course Changes recommends that curriculum and course changes from the units listed below be approved by Senate:

Faculty of Agricultural and Food Sciences

School of Art

Faculty of Arts

Faculty of Dentistry

Faculty of Engineering

Clayton H. Riddell Faculty of Environment, Earth, and Resources

Faculty of Kinesiology and Recreation Management

I.H. Asper School of Business, Faculty of Management

Faculty of Medicine

Marcel A. Desautels Faculty of Music

Faculty of Pharmacy

Faculty of Science

Université de Saint-Boniface

Respectfully submitted,

Professor H. Frankel, Chair
Senate Committee on Curriculum and Course Changes

Faculty of Agricultural and Food Sciences

Entomology

Introductions:

ENTM 3180 Field Techniques in Entomology Cr.Hrs. 3 +3.0

A field course to provide a foundation in field sampling and collection techniques for insects in natural and agroecosystems. The course is run at the University of Manitoba Star Lake research station near Whiteshell MB. Transportation to and from the University and accommodations are included. Six day intensive field-based course. Prerequisites: none.

ENTM 3190 Introduction to Applied Entomology Cr.Hrs. 3 +3.0

A course providing a foundation in applied entomology covering topics including: basic insect biology, insect pest management, insect biodiversity and the biological services provided by insects. Online lecture presentations, weekly readings and online laboratories. Prerequisites: none. May not be held with ENTM 3170.

NET CHANGE IN CREDIT HOURS: +6.0

Program modification (Entomology):

REVISED UNDERGRADUATE PROGRAMME DESCRIPTION

PROGRAMMES & COURSES

UNDERGRADUATE PROGRAMS

The Department of Entomology does not offer a major undergraduate degree programme in Entomology. Students can take a **Minor in Entomology** or can take individual courses in Entomology, as part of an undergraduate degree program in the Faculty of Agricultural and Food Sciences, or as part of a degree program in several other faculties within the University of Manitoba. ENTM 1000 World of Bugs is designed specifically for University 1 students who would like a taste of Entomology to determine whether they might be interested in other Entomology courses. ENTM 2050 Introductory Entomology is a foundation course in Entomology that provides a broad survey of insect science and is a pre-requisite for several more advanced courses.

THE ENTOMOLOGY MINOR PROGRAM

In several faculties and programs, students can major in their program, and take a minor in Entomology. The minor will be recognized by a transcript notation, and indicates to potential employers of graduate supervisors a depth and of breadth of entomological education. Minor programs consist of a minimum of 18 credit hours in a subject area.

To qualify for a minor in Entomology, students must obtain passing grades in:

ENTM2050 Introductory Entomology

and in a minimum of five of the following courses:

ENTM1000 World of Bugs

ENTM3160 Veterinary and Wildlife Entomology

ENTM3170 Crop Protection Entomology*

ENTM3180 Manitoba's Insect Fauna

ENTM3XXX DE Introduction to Applied Entomology*

ENTM3YYY Field Techniques in Entomology

ENTM4000 Topics in Entomology

ENTM4280 Aquatic Entomology

ENTM4320 Pollination Biology

ENTM4500 Insect Taxonomy and Morphology

ENTM4520 Physiological Ecology of Insects

*Credit cannot be held for both ENTM3170 and ENTM3XXX DE

BEEKEEPING FOR THE HOBBYIST: A non-credit course offered jointly by the Department of Entomology, University of Manitoba, and Manitoba Agriculture, Food and Rural Initiatives. This series of lectures and demonstrations is intended for members of the general

public. It deals with the nature of beekeeping; the life history, anatomy, and social behaviour of bees; economics; how to manage colonies of bees; equipment and site selection; pollen and nectar producing plants; nectar flows; seasonal management; pests, parasites diseases and their control; regulations; honey houses; extracting equipment; and grading and marketing honey and beeswax. The course is offered every year. Lectures will be given on nine Wednesday evenings from 7:00 - 9:30 pm, with the first class in late January.

DIPLOMA PROGRAM

The Department of Entomology offers two courses which form part of the Diploma in Agriculture.

Plant Science

Deletions:

PLNT 0660 Plant Propagation Cr.Hrs. 3	-3.0
PLNT 0670 Landscape Plants Cr.Hrs. 3	-3.0
PLNT 0680 Landscape Design Cr.Hrs. 3	-3.0
PLNT 0690 Landscape Maintenance Cr.Hrs. 3	-3.0
PLNT 0700 Nursery Management Cr.Hrs. 3	-3.0
PLNT 0710 Greenhouse Crop Production Cr.Hrs. 3	-3.0

NET CHANGE IN CREDIT HOURS: -18.0

Soil Science

Deletion:

SOIL 4080 Soils Thesis	-6.0
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Modification:

SOIL 4400 Soil Ecology Cr.Hrs. 3	0.0
Explore the application of soil biology to diversity in agro and natural ecosystems, response of soil organisms to management, mediation of important environmental issues, and promotion of human health. Appreciate the vast array of soil organisms and their functions in soil ecosystems, understand cycling of nutrients by soil organisms, and discover quantitative methodology in determining soil biochemical processes. The laboratory provides hands-on experience in observing, quantifying and isolating soil organisms and the biochemical processes they conduct. Prerequisite: AGECE 2370/BIOL 2300 or SOIL 3600.	

NET CHANGE IN CREDIT HOURS: -6.0

School of Art

Modifications:

STDO 1450 Open Studio 1 Cr.Hrs. 3	0.0
Expanding concepts and ideas developed in Visual Language, students investigate the nature of contemporary art and design. Prerequisite for further study in fine arts studio courses. May not hold with STDO 1200 (054.120) or STDO 1220 (054.122). Prerequisite: STDO 1410.	
STDO 2210 Sculpture 1 Cr.Hrs. 6	0.0
(Formerly 054.221) This course introduces materials, processes and ideas informing the making of contemporary sculptural practices. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.221.	

- STDO 2220 Painting 1 Cr.Hrs. 6 0.0
(Formerly 054.222) Basic instruction in painting and pictorial composition. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.222.
- STDO 2230 Ceramics 1 Cr.Hrs. 6 0.0
(Formerly 054.223) Introduction to ceramic art, including contemporary processes, techniques, and history. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.223.
- STDO 2250 Drawing 1 Cr.Hrs. 6 0.0
Creative use of drawing as a form of visual expression. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with STDO 2240 (054.224) or 054.220.
- STDO 2400 Photography 1 Cr.Hrs. 6 0.0
(Formerly 054.240) Introduction to the camera and photographic techniques with problems in creative visual expression. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.240.
- STDO 2460 Digital Photography 1 Cr.Hrs. 6 0.0
This is a Studio course introducing the basic technical foundations and critical understanding of contemporary photo-based image production. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with STDO 2450.
- STDO 2500 Intaglio A Cr.Hrs. 3 0.0
An introduction to the basic techniques in Intaglio. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses.
- STDO 2510 Silkscreen A Cr.Hrs. 3 0.0
An introduction to the basic techniques in Silkscreen. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses.
- STDO 2520 Lithography A Cr.Hrs. 3 0.0
An introduction to the basic techniques in Lithography. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses.
- STDO 2530 Relief and Monoprints Cr.Hrs. 3 0.0
This course introduces the student to working in a printshop environment, using various mediums and methods of creating works on paper. Projects are structured to explore traditional and experimental approaches to monoprinting and relief printmaking. Technical proficiency and skill will require practice and attention to detail. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses.
- STDO 2610 Video 1 Cr.Hrs. 6 0.0
(Formerly 054.261) The creative use of video as an art medium. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.261.
- STDO 2630 Design Studio 1 Cr.Hrs. 3 0.0
(Formerly 054.263) An introduction to the creative use of design elements and principles applied to problems in Graphic Design. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.263.

- STDO 2650 Digital Design Technology Cr.Hrs. 3 0.0
(Formerly 054.265) This course is an introduction to the computer as a creative tool and an exploration of industry-standard software for use in the creative graphic design applications. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses. May not be held with 054.265.
- STDO 2710 Interdisciplinary Critique 1 Cr.Hrs. 3 0.0
Complementary to 2000-level Studio practice courses. Students will engage in discussion, readings, and critiques based on work produced in practice courses. Prerequisite: a grade of "C" or better in 21 credit hours of 1000 – level STDO courses.
- FAAH 1040 Introduction to Art 2A Cr.Hrs. 3 0.0
(Formerly 054.104) A basic study/survey of world art history and theory from the Renaissance to the present. May not be held for credit with FAAH 1060 (or 054.106) or 054.104 or 054.124 or 054.130.
- FAAH 2060 Medieval to Early Renaissance Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.206) An introduction to the study of Medieval art and architecture in Europe, from the very beginnings of a specifically Christian artistic tradition to the early Renaissance. Prerequisite: FAAH 1030 (or 054.103). May not be held with 054.206.
- FAAH 2070 Renaissance to Baroque Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.207) An introduction to the study of Renaissance art and architecture up to the Baroque in the context of the social, political and economic circumstances of this time. Prerequisite: FAAH 1040 (or 054.104) or written permission of the instructor. May not be held with 054.207.
- FAAH 2080 Modern to Contemporary Art Cr.Hrs. 3 0.0
(Formerly 054.208) A study of the major movements, themes, and media of Western Art from the late 18th century to the present. Prerequisite: FAAH 1040 (or 054.104). May not be held with 054.208.
- FAAH 3130 Topics in Medieval Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.313) Significant topics in Medieval art and architectural history. Topic will vary from year to year. Prerequisite: FAAH 2060 (or 054.206) or written permission of the instructor.
- FAAH 3140 Topics in Renaissance and Baroque Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.314) Significant topics in Renaissance and Baroque art and architectural history. Topic will vary from year to year. Prerequisite: FAAH 2070 (or 054.207) or written permission of the instructor.
- FAAH 3150 Topics in 18th and 19th Century Art Cr.Hrs. 3 0.0
(Formerly 054.315) Significant topics in 18th and 19th century art history. Topic will vary from year to year. Prerequisite: FAAH 2070 (or 054.207) or in FAAH 2080 (or 054.208) or written permission of the instructor.
- FAAH 3160 Topics in 20th Century Art Cr.Hrs. 3 0.0
(Formerly 054.316) Significant topics in 20th century art history. Topic will change from year to year. Prerequisite: FAAH 2080 (or 054.208) or written permission of the instructor.

- FAAH 3180 History of Photography Cr.Hrs. 3 0.0
(Formerly 054.318) The development of photography from its origins to the present.
Prerequisite: FAAH 1040 (or 054.104) or written permission of the instructor. May not be held with 054.318.
- FAAH 3190 History of Ceramics Cr.Hrs. 3 0.0
(Formerly 054.319) This course will examine the history of ceramics, extending from prehistory in Asia to recent work in Europe, the United States and Canada. No prerequisite, but STDO 2330 (Ceramics 1) will be helpful. May not be held with 054.319.
- FAAH 3200 Art in New Media Cr.Hrs. 3 0.0
(Formerly 054.320) This course will consider art produced in non-traditional media during the Modern era, i.e. since the 18th century, with emphasis on developments during the 20th century and particularly the last forty years. Prerequisite: FAAH 1040 or written permission of the instructor. May not be held with 054.320.
- FAAH 3230 Chinese Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.323) A survey of the art and architecture of China beginning with the Shang-Yin Period (2000 BCE) and continuing to the present. Prerequisite: FAAH 2100 (or 054.210) or FAAH 1100 or written permission of the instructor. May not be held with 054.323 or 054.247.
- FAAH 3240 Japanese Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.324) A survey of the art and architecture of Japan beginning with the Jomon Period (300 BCE to 300 CE) and continuing through the Heisei Period (1989 - present). Prerequisite: FAAH 2100 (or 054.210) or FAAH 1100 or written permission of the instructor. May not be held with 054.324 or 054.248.
- FAAH 3260 Canadian Art and Architecture to World War 2 Cr.Hrs. 3 0.0
(Formerly 054.326) A study of Canadian art up to World War 2. Prerequisite: FAAH 1040 or written permission of the instructor. May not be held with 054.326.
- FAAH 3270 Canadian Art and Architecture Since World War 2 Cr.Hrs. 3 0.0
(Formerly 054.327) A study of Canadian art from World War 2 to the present. Prerequisite: FAAH 1040 or written permission of the instructor. May not be held with 054.327.
- FAAH 3280 Early Byzantine Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.328) A study of the origin and evolution of early Byzantine Art and Architecture. Prerequisite: FAAH 1030 and FAAH 1040; or FAAH 2060; or written permission of the instructor. May not be held with 054.328.
- FAAH 3290 Later Byzantine Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.329) A study of later Byzantine Art and Architecture to the end of the Middle Ages. Special emphasis will be placed on the influence of Byzantine art on the modern traditions of Eastern Europe. Prerequisite: FAAH 3280; or FAAH 1030 and FAAH 1040; or FAAH 2060; or written permission of the instructor. May not be held with 054.329 or 054.387.
- FAAH 3430 Inuit Art Cr.Hrs. 3 0.0
(Formerly 054.343) The history and analysis of Inuit Art. Prerequisite: FMH 1030 and FAAH 1040; or FAAH 2090; or written permission of the instructor. May not be held with 054.343 or 054.358.

FAAH 3590 Islamic Art and Architecture Cr.Hrs. 3 0.0
(Formerly 054.359) A contextual and thematic study of Islamic art and architecture beginning in the 7th century and continuing through the present. Prerequisite: FAAH 1030 and FAAH 1040; or FAAH 2100 (or 054.210); or FAAH 1100; or written permission of the instructor. May not be held with 054.359

NET CHANGE IN CREDIT HOURS: 0.0

Faculty of Arts

Faculty of Arts

Program modification, Double Advanced Major:

The Faculty of Arts is proposing a modification to the Double Advanced Major² that will limit the total number of required credit hours to 120. The change will ensure that it is possible for students to complete their program within four years. At present, Double Advanced Majors are created for students on an ad hoc basis to meet the individual student's paired interests, with no uniformity in the credit hour requirements. As a result, depending on the combination of Advanced Majors selected by a student and the variable requirements for Advance Major degrees within each department, students who elect to undertake a Double Advanced Major are required to complete, at a minimum, 138 credit hours and at a maximum 162 credit hours.

The SCCCC has endorsed a recommendation from the Arts Faculty Council, to establish a template for a Double Advanced Major that would require students to complete 42 credit hours for each of two Advanced Majors plus 36 credit hours of electives, for a total of 120 credit hours. Effective September 1, 2013, any Department or Program in the Faculty wanting to offer a Double Advanced Major must introduce a 42 credit hour curricula for that degree, for approval by the relevant bodies in the Faculty, the SCCCC, and Senate.

The SCCCC has endorsed proposals to formally establish curricula for Double Advanced Majors, which follow the newly established template, in English, Film Studies, and Theatre, as outlined in the attachment to this report (see Faculty of Arts, English, Film, and Theatre).

² Senate approved the establishment of a Double Major for the B.A. General and B.A. Advanced programs at its meeting of September 3, 2008.



UNIVERSITY
OF MANITOBA

Faculty of Arts

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DATE: March 14, 2012
TO: J. Taylor, Dean, Faculty of Arts
FROM: A. Osborne, Chair, Faculty of Arts Academic Regulations Policy Committee
SUBJECT: Report of the Faculty of Arts Academic Regulations Policy Committee

PREAMBLE

The terms of reference of the above Committee stipulate that it shall recommend to Faculty Council, through the Arts Executive Committee, with respect to undergraduate regulations relating to admission, General, Advanced and Honours degree programs, examinations, grading system, required performance levels and all requirements for receiving degrees. At its meeting of February 15, 2012, the Committee discussed the following matter.

1. Proposal from the Dean's Office for the Introduction of a Double Advanced Major.

OBSERVATIONS:

In 2008, Arts Faculty Council approved a recommendation that allowed students in the B.A. General and Advanced degree programs to declare a double major. Students in the General degree program can complete a double major within the 90 credit hours required for the degree but students in the Advanced degree program who choose to complete a double advanced major complete a minimum of 138 credit hours.

The Dean's Office has reviewed the effects of allowing a student to declare a double advanced major and now believes that it is unreasonable to expect students to complete a four-year degree by having to take more than the normal 120 credit hours.

In 2008, it was known that students who choose to complete a second advanced major in lieu of a minor will complete a minimum of 138 credit hours, as follows:

	<u>Minimum Credit Hours</u>
1 st Advanced major	48
2 nd Advanced Major	48
Electives required outside the declared major(s)	<u>42</u>
Total	138

While most advanced major programs require 48 credit hours, there are three exceptions. The advanced majors in Anthropology and Film Studies contain 60 credit hours and Drama has 54 credit hours. Students who choose to complete a double advanced major from one or two of these areas will be required to complete from 138 to 162 credit hours of course work.

Depending on the combination of advanced majors selected, it will take such students approximately five to six years to complete their programs. Therefore, those interested in completing two advanced majors may find doing so impossible due to the extra time needed to complete the degree and the additional course costs. A number of similar programs at other Canadian institutions and some American universities have been examined by staff in the Dean's Office. A review of institutions that offer double majors found that most could be completed within four years and were normally accompanied by a reduction in the credit hours required within each discipline and/or electives.

Furthermore, the Dean's Office recently received a request from the Department of English, Film and Theatre for a 120 credit hour double advanced major. As a result, the Dean's Office modeled a Double Advanced Degree program after the current Faculty of Arts Double Honours program, in which the number of courses in each honours subject is reduced given the specialization in two disciplines.

PROPOSED DOUBLE ADVANCED DEGREE PROGRAM

	<u>Credit Hours</u>
1 st Double Advanced major	42
2 nd Double Advanced major	42
Electives required outside the declared major(s)	<u>36</u>
Total	120

The proposed double advanced major within a 120 credit hour degree provides greater opportunity for those students who wish to undertake study in two major areas in the Faculty of Arts. It was recognized that a student will choose to complete a double advanced major for a variety of reasons: personal interest, development and knowledge and skills for further education or for a career or preparation for graduate schools. Therefore within the Advanced degree program, the proposal would allow a student to complete a) a single advanced major with a minor, i.e., a 120 credit hour degree, or b) a double advanced major program requiring two 42 credit hour majors and no minor, i.e. a 120 credit hour degree.

The proposed advanced major program in the Faculty of Arts will permit students to complete a double advanced major in any Arts program offering a 42 credit hour double advanced major. Departments/programs that currently offer advanced majors will be encouraged to introduce a 42 credit hour double advanced major program. The program will be referred to as a double advanced major rather than a joint advanced major because the reference to a joint program generally implies that there is a relationship between the two chosen disciplines. Allowing students to complete any combination of double advanced major programs offered by the Faculty of Arts provides a greater number of options and flexibility within the Arts degree program.

RECOMMENDATIONS:

It was unanimously RECOMMENDED that:

1. The current Advanced Major program be referred to as the Single Advanced Major program.
2. The Faculty of Arts approve the introduction of a Double Advanced Major program.
3. Each Double Advanced Major will consist of 42 credit hours.
4. The number of electives in the Double Advanced Degree program be reduced to 36 credit hours.
5. Students be required to complete 27 of each of the 42 credit hours at the University of Manitoba in order to satisfy the residence requirement, i.e. 60% of 42 credit hours.
6. Students must apply and must satisfy admission requirements for entry to an Advanced degree program and the specific advanced major as per current regulations i.e. for entry to a major(s) requiring courses from only one department, the Faculty requirement is a grade of 'C' or better in all courses which are eligible to count towards the major. For entry to a major(s) requiring courses from more than one department, the Faculty requirement is that the student must have an average of 'C' or better in all courses which are eligible to count toward the major. At the point of application to the Advanced degree program students must indicate their intention to complete a Single Advanced Major or a Double Advanced Major.
7. Double Advanced Majors be declared in programs offered by the Faculty of Arts.
8. Double Advanced Majors appear on the official transcript.
9. The Academic Calendar entry with respect to 3.2.4 Ten Faculty Requirements for Graduating with a B.A. Advanced Degree be changed as follows: [Additions noted in bold print; strikeouts indicate deletions.]

3.2.4 Ten Faculty Requirements for Graduating with a B.A. Advanced Degree

1) A student must successfully complete 120 credit hours from among the courses acceptable for credit in the Faculty of Arts (see Section 5.2), with a minimum Grade Point Average of 2.00 (i.e. "C" or better) on these 120 credit hours.

The 120 credit hours of passed coursework must include the remaining nine faculty requirements.

2) There must be at least six credit hours in Humanities subject fields, at least six credit hours in Social Science subject fields, and at least six credit hours in courses taught by the Faculty of Science (see Section 5.1.1).

3) There must be at least six credit hours completed in each of five different subject fields (as listed in Section 5.1.1). In addition, a subject field may also satisfy the requirement for a Humanity, or Social Science, or Science and at the same time satisfy the Mathematics or Written English requirement.

*4) Major: There must be at least 48 credit hours which constitute a **Single Advanced** Major in one of the subject fields approved by the Faculty of Arts (see Section 5.1.1). The student must have a Grade Point Average of 2.00 (i.e. "C") or better in courses where a final grade is recorded that are used toward the Major including only the last grade of any course that has been repeated and excluding any failed course(s). A student who declares ~~only one~~ **a Single Advanced** Major must also complete a Minor. A student who declares ~~two~~ **a Double Advanced** Majors will not be required or allowed to complete a Minor, but must complete the ~~second~~ **Double Advanced** Major in accordance with the requirements as*

specified by the Major department. A Major may be declared once the prerequisite has been satisfied.

*Note: Not every department offers ~~an~~ a **Single or Double** Advanced Major. See the departmental listings in Sections 8 and 9 for information.*

Students with an Advanced Major in Global Political Economy will not be required or allowed to complete a separate field for a Minor for purposes of satisfying the degree requirements.

*5) Minor: There must be 18 credit hours in a field that is different from the Advanced Major, and which constitute a Minor in one of the subject fields approved by the Faculty of Arts (see Section 5.1.1). A student who declares ~~only one~~ a **Single** Advanced Major must also complete a Minor. A student who declares ~~two~~ a **Double** Advanced Majors will not be required or allowed to complete a Minor. No course can be used to satisfy both the Advanced Major and the Minor requirement. A student having 18 credit hours in more than one subject field can declare only one of them as his/her Minor. A Minor may be declared once the prerequisite has been satisfied.*

*6) A student who declares a **Single** Advanced Major with a Minor must have at least 42 credit hours in subjects other than those used towards the Advanced Major and Minor subject fields. ~~Similarly A~~ student who declares ~~two~~ a **Double** Advanced Majors must have at least ~~42~~ **36** credit hours in subjects other than those used towards the ~~two~~ **Double** Advanced Major subject fields.*

7) Except for six special cases, a student's Advanced Majors and Minor cannot be from the same department. (For details on these six exceptions, see the departmental listings, in Section 8, for Classics; English, Film and Theatre; French, Spanish and Italian; German and Slavic Studies; Judaic Studies; and Native Studies.)

8) There must be at least 81 credit hours taught by the Faculty of Arts (may include up to 36 credit hours from the Department of Mathematics, Marcel A. Desautels Faculty of Music List A or Art History courses considered as Humanities, see Section 5.1.1), or which have been accepted on transfer as equivalent to courses taught by the Faculty of Arts.

9) There must be at least 42 credit hours numbered at or above the 2000 level.

10) Residency Requirement: A student in the B.A. Advanced degree program must complete University of Manitoba residency requirements (see Section 5.3 for details).

10. The Calendar entry with respect to 5.3 Residency Requirement be changed as follows: [Additions noted in bold print and strikeouts indicate deletions]

5.3 Residency Requirement

As indicated in Section 3 and Section 4, each of the four undergraduate degree programs has a residency requirement which requires that a minimum number of credit hours must be taken at the University of Manitoba itself in order to qualify for the degree. Effective September 2009, students admitted to the Faculty of Arts B.A. General, Advanced and Honours degree programs will also be required to satisfy a residency requirement on the Major(s), Advanced Major(s) or Honours subject(s) in addition to the residency requirement on the degree. Similarly students admitted to the B.A. Integrated Studies degree program will be required to satisfy a residency requirement on the Concentration in addition to a residency requirement on the degree.

2) B.A. Advanced Degree

a) Degree: To receive the B.A. Advanced degree, a student must successfully complete at least 60 credit hours of the required 120 credit hours at the University of Manitoba.

b) Advanced Major: Students must successfully complete at the University of Manitoba or through an approved University of Manitoba exchange program the hours of coursework in their Advanced Major as noted below:

- In ~~an~~ a **Single** Advanced Major requiring 48 to 57 credit hours, 30 credit hours must be completed at the University of Manitoba or through an approved University of Manitoba exchange program.*
- In ~~an~~ a **Single** Advanced Major requiring more than 57 credit hours, 36 credit hours must be completed at the University of Manitoba*
- In a **Double** Advanced Major requiring 42 credit hours, 27 credit hours must be completed at the University of Manitoba or through an approved University of Manitoba exchange program.*

Anthropology

Modifications:

ANTH 2060 European Archaeology Cr.Hrs. 3 0.0

(Formerly 076.206) This course will survey the archaeological record of Europe from the earliest human occupation through the rise of early cities and complex societies. Case studies will be used to examine the social, political, economic, and technological adaptations of early human societies in the region. Prerequisite: [a grade of "C" or better in one of: ANTH 1210 (076.121), ANTH 1211 (076.121), or the former 076.120] or written consent of instructor.

ANTH 3380 Anthropology and Contemporary Social Issues Cr.Hrs. 3 0.0

(Formerly 076.338) Anthropological perspectives on poverty, social accountability, colonialism, racism, education, ecological degradation and violence. Students may not hold credit for both ANTH 3380 (076.338) and ANTH 3381 (076.338). Prerequisite: [a grade of "C" or better in each of ANTH 2000 (ANTH 2001) and 3 credit hours from the following: ANTH 2020 or ANTH 2530 (076.253) or ANTH 2831 (076.283)] or [a grade of "C" or better in the former ANTH 2390 (076.239) or the former ANTH 2391 (076.239)] or written consent of instructor.

ANTH 3470 History of Anthropology Cr.Hrs. 3 0.0

(Formerly 076.347) A temporal survey of the development of major paradigms and theoretical movements in anthropological thought and method. Students may not hold credit for both ANTH 3470 (076.347) and ANTH 3471 (076.347). Prerequisite: [a grade of "C" or better in each of ANTH 2000 (or ANTH 2001) and 3 credit hours of the following: ANTH 2020 or ANTH 2530 (076.253) or ANTH 2831 (076.283)] or [a grade of "C" or better in the former ANTH 2390 (076.239) or the former ANTH 2391 (076.239)] or written consent of instructor.

ANTH 4850 Advanced Seminar in Anthropological Theory Cr.Hrs. 3 0.0

(Formerly 076.485) An analysis of the process of theory formation in the social sciences in general and in cultural (social) anthropology in particular. The theoretical content of various contemporary "schools" in anthropology is critically analyzed. Prerequisite: [a grade of "C" or better in ANTH 3470 (076.347) or ANTH 3471 (076.347)] or written consent of instructor or department head.

All Anthropology course titles will be modified by the removal of the area of study currently noted in brackets following the course titles.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:



UNIVERSITY | Department of Anthropology
OF MANITOBA | Faculty of Arts

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Date: 13 June 2012

To: Denis Gagnon
Department of Anthropology, St. Boniface

From: Stacie Burke (Undergraduate Program Committee Chair)
Department of Anthropology

Re: **Anthropology Program Restructuring**

This memo is intended to communicate a few additional points in relation to our program restructuring (intended to come into effect September, 2013).

I have attached a chart detailing Anthropology's new program requirements. Please review the chart and let me know if you have any questions or concerns. I have also attached the additional documents which will be submitted to CPAC in relation to the program changes (including changes to the prerequisites to ANTH 3380 and ANTH 3470, and course title designations).

In light of the program changes, Department Council voted to discontinue the use of subfield designations of (A), (B), (C), (D), (E) in our course titles (e.g., the course title for ANTH 2060 European Archaeology (D), where the (D) designated this course as an 'archaeology' course, will now be changed to ANTH 2060 European Archaeology).

With the program restructuring, we will have to modify the prerequisites for ANTH 3380 and ANTH 3470. The prerequisites for these courses were originally ANTH 2390 or ANTH 2391; when we deleted ANTH 2390, the prerequisites changed to [a grade of "C" or better in ANTH 2000 (or ANTH 2001) and 3 credit hours of 2000-level Group B courses]. Now that we are dropping the (A),(B),(C),(D),(E) course designations, this prerequisite will no longer be relevant. We are proposing to change the prerequisites for these courses to: [a grade of "C" or better in ANTH 2000 and 3 credit hours from the following: ANTH 2020 or ANTH 2530 or ANTH XXX]. The ANTH XXXX should be one of St. Boniface's courses, since we need to share prerequisites for our ANTH 3380/3381 and ANTH 3470/3471 courses. I have reviewed your course offerings, and wonder if ANTH 2831 would be a good choice of prerequisite to add to the list? (e.g., is ANTH 2831 offered each year?).

We will be communicating the modification of all of our course titles (i.e., the removal of all (A), (B), (C), (D), (E) designations) in a memo to Senate; from what I understand, you would have to do this for your course titles at St. Boniface as well. These changes would also result in a change in your calendar entry for the Anthropology program at the University of Manitoba.

If we could hear back from you regarding these changes (and particularly the possibility of ANTH 2831 being a suitable prerequisite for ANTH3380/3381 and ANTH 3470/3471) by 1 July 2012 that would be very helpful.

cc. André Samson, Dean, Faculty of Arts, St. Boniface
 Susan Frohlick, Acting Head, Anthropology
 Vicky Warkentin, Faculty of Arts

Anthropology

2012-2013 Undergraduate Calendar

- Revisions to General Major, Advanced Major and Minor (Concentration) Programs
- Revisions to Program Notes

Added material

~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR¹-TOTAL: 30 CREDIT HOURS			
ANTH 1210 and ANTH 1220 (or ANTH 1520)	<ul style="list-style-type: none">• ANTH 2000, <u>ANTH 2100, ANTH 2860</u>• <u>ANTH 2020 or ANTH 2530</u>• <u>12 credit hours from courses at the 2000 level and above (of these a minimum of 6 credit hours must be at the 3000 and/or 4000 level)^{1, 2, 3}</u>• <u>3 credit hours of 2000-level Group-B courses</u>• <u>6 credit hours in Group-D or Group-C courses</u>• <u>12 credit hours in additional Anthropology</u>		
ADVANCED MAJOR¹-TOTAL: 48-60 CREDIT HOURS			
ANTH 1210 and ANTH 1220 (or ANTH 1520)	<ul style="list-style-type: none">• ANTH 2000• <u>3 credit hours of 2000-level Group-B courses</u>	<ul style="list-style-type: none">• ANTH 3470• <u>one of ANTH 2890, ANTH 3730, ANTH 3930, ANTH 3950, ANTH 3980, ANTH 3990</u>	<ul style="list-style-type: none">• ANTH 4850• <u>9 credit hours in Anthropology (of these a minimum of 3 credit hours must be at the 4000 level). No more than 6 credit hours may be taken from ANTH 4830 and ANTH 4840</u>
	<p>Required in years two and three are:</p> <ul style="list-style-type: none">• <u>6 additional credit hours from each of group B, C, and D courses</u>• <u>an additional 12 credit hours in Anthropology preferably including courses from Group E and ANTH 2370. A minimum of 9 credit hours (in addition to ANTH 3470) must be at the 3000 level. Students considering graduate studies should include a quantitative methods course among their non-Anthropology electives (e.g., Sociology SOC 2290, Statistics STAT 1000 and STAT 2000).</u>		
	<ul style="list-style-type: none">• <u>ANTH 2000, ANTH 2100, ANTH 2860, ANTH 3470, ANTH 4850</u>• <u>ANTH 2020 or ANTH 2530</u>• <u>3 credit hours from: ANTH 2820, ANTH 2890, ANTH 3720, ANTH 3730, ANTH 3930, ANTH 3950, ANTH 3980, ANTH 3990</u>• <u>3 credit hours from courses at the 4000 level³</u>• <u>18 credit hours from courses at the 2000 level and above (of these a minimum of 9 credit hours must be at the 3000 and/or 4000 level)^{1, 2, 3}</u>• <u>Students considering graduate studies should include a quantitative methods course among their non-Anthropology electives (e.g., Sociology SOC 2290, Statistics STAT 1000 and STAT 2000).</u>		
MINOR (CONCENTRATION)¹-TOTAL: 18 CREDIT HOURS			
ANTH 1210 and ANTH 1220 (or ANTH 1520)	An additional 12 credit hours in Anthropology. ANTH 2000 and 3 credit hours of 2000-level Group-B courses are recommended for students		

	<p>taking a Minor to gain an academic grounding fundamental to many subsequent Anthropology courses.</p> <p><u>12 credit hours from courses at the 2000 level and above^{1, 2} ANTH 2000 is recommended for students taking a Minor because the course is fundamental to many subsequent Anthropology courses.</u></p>	
<p>NOTES:</p> <p>¹ Courses NATV 2070 and NATV 2080 offered by the Department of Native Studies count for credit (Category B) towards a General Major and Advanced Major in Anthropology may be used to satisfy this requirement in the General Major and Advanced Major programs.</p> <p>² ANTH 2370 is recommended.</p> <p>³ No more than 6 credit hours may be taken from ANTH 4830 or ANTH 4840.</p>		

Asian Studies

Program modifications:

The program is proposing that FILM 2380 The International Cinema 1 Cr.Hrs. 3 and FILM 2390 The International Cinema 2 Cr.Hrs. 3 be added to List A, with the restriction that it is acceptable for credit only when the topic is Asia-related.

Canadian Studies

Program modifications:

The program is proposing that HIST 3442 Race, Ethnicity, Immigration, and Nation in Canadian History (C) Cr.Hrs. 3 and HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) Cr.Hrs. 6 be added to the List of Approved Courses in Canadian Studies.

Central and East European Studies

Program modifications:

Central and East European Studies

2012-2013 Undergraduate Calendar

- Revisions to General Major, Advanced Major, Honours Double and Minor Programs
- Revisions to Program Notes
- Revisions to List of Approved Courses in Central and East European Studies

Added material

Deleted material

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR TOTAL: 30 CREDIT HOURS			
6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies	18 credit hours from the List of Approved Courses in Central and East European Studies-below, of which at least 6 credit hours must be taken from each of in two different subject fields-departments ³		
ADVANCED MAJOR TOTAL: 48 CREDIT HOURS			
6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies	36 credit hours from the List of Approved Courses in Central and East European Studies-below, of which at least 12 credit hours must be taken from each of in two different subject fields-departments ³		
MINOR (CONCENTRATION) TOTAL: 18 CREDIT HOURS			
6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish or Yiddish, plus 6 credit hours from the List of Approved Courses in Central and East European Studies ⁴	6 credit hours from the List of Approved Courses in Central and East European Studies-below		
HONOURS DOUBLE¹			
6 credit hours in a language from courses numbered at the 1000 or 2000 level ² in Russian, German, Ukrainian, Polish or Yiddish; plus 18 credit hours from the List of Approved Courses in Central and East European Studies	<ul style="list-style-type: none">• either UKRN-2720 or RUSN-2810³• 6 credit hours from the following: Economics: ECON-2270; History: HIST-2490, HIST-2600, HIST-2610, HIST-2660, HIST-2680; Slavic Studies: RUSN-2280, RUSN-2290, UKRN-2770, UKRN-2780• 12 credit hours in other Honours field• 6 credit hours in options	<ul style="list-style-type: none">• either both RUSN-3200 and RUSN-3210, or both UKRN-3950 and UKRN-3960³• HIST-3030 and UKRN-3300• minimum of 12 credit hours in other Honours field	<ul style="list-style-type: none">• 12 credit hours from courses numbered at the 4000 level in Economics, German, History, Political Studies, Russian, or Ukrainian or Fine Arts³ (of these at least 6 credit hours must be taken from two subject fields)• minimum of 12 hours of credit in other Honours field

<ul style="list-style-type: none"> • 6 credit hours from the List of Approved Courses in Central and East European Studies • 6 credit hours in a language from courses numbered at the 1000 or 2000 level in Russian, German, Ukrainian, Polish or Yiddish¹ • 6 credit hours in a language at the 3000 level in Russian, German, Ukrainian, or Polish • 6 credit hours at the 3000 level in History, Economics, Political Studies, Russian, Ukrainian, German, or Fine Arts² • 12 credit hours in other Honours field • 6 credit hours in ancillary options 	
<p>NOTES:</p> <p>¹ The Double Honours program is only available to students registered in the Honours program in Economics, History, or Political Studies. Students must ensure that all course prerequisites are met when selecting courses for the Honours Double program. Students should consult the program coordinator when selecting courses in Year 1 and 2 of the program.</p> <p>² Students should note that while the majority of students begin language instruction with courses numbered at the 1000 level, in exceptional circumstances and with the approval of the committee, students may begin language instruction with courses numbered at the 2000 level.</p> <p>³ Students who begin with 6 hours of courses numbered beyond the 1000 level in Russian or Ukrainian may take either 6 or 12 credit hours in Russian or Ukrainian or 6 or 12 credit hours in another language approved by the committee. Students who begin their language instruction in Year 1 with 6 credit hours of courses numbered beyond the 1000 level may take 6 credit hours at 1000 or 2000 levels in a different language approved by the program coordinator.</p> <p>⁴ Students who have declared a Major in Russian, German, or Ukrainian can either take 12 credit hours from at least two different subject fields from the List of Approved Courses in Central and East European Studies, or 6 credit hours from courses numbered at the 1000 or 2000 level in a language (Russian, German, Ukrainian, or Polish, or Yiddish) other than their declared Major and 6 credit hours from the List of Approved Courses in Central and East European Studies.</p> <p>⁵ Students may substitute up to 6 credit hours with language courses numbered at the 1000 or 2000 level in Russian, German, Ukrainian, Polish or Yiddish.</p> <p>⁶ Courses must be individually approved by the program coordinator as relevant to Central and East European Studies. For information on available courses, please contact the program coordinator.</p>	

List of Approved Courses in Central and East European Studies

Faculty of Arts

Economics		
ECON 2270	European Economic History	6
ECON 2510	The Economy of Ukraine	3
ECON 4450*	Comparative Economic Systems	6
German and Slavic Studies		
GRMN 1300	Masterpieces of German Literature in English Translation	3
GRMN 1310	Love in German Culture in English Translation	3
GRMN 2120	Introduction to German Culture 1	3
GRMN 2130	Introduction to German Culture 2	3
GRMN 3260	Representations of the Holocaust	3
GRMN 3262	Representations of the Holocaust in English Translation	3
GRMN 3270	Studies in Contemporary German Cinema	3
GRMN 3280	Sex, Gender and Cultural Politics in the German-Speaking World	3
GRMN 3282	Sex, Gender and Cultural Politics in the German-Speaking World in English Translation	3
GRMN 3290	History in Literature in German-Speaking Countries	3
GRMN 3390	German Representations of War	3
GRMN 3392	German Representations of War	3
GRMN 3520*	Special Topics in Comparative German and Slavic Studies	6
GRMN 3530	Special Topics in Comparative German and Slavic Studies	3
HUNG 1000	Introduction to Hungarian 1	3
HUNG 1002	Introduction to Hungarian 2	3
POL 1900	Love, Heroes and Patriotism in Contemporary Poland	3
POL 2600	Polish Culture until 1918	3
POL 2610	Polish Culture 1918 to the Present	3

RUSN 1400	Masterpieces of Russian Literature in Translation	3
RUSN 2280	Russian Culture 1	3
RUSN 2290	Russian Culture 2	3
RUSN 2310	Exploring Russia through Film	3
RUSN 2410	Russian Literature after Stalin	3
RUSN 2740	Literature and Revolution	3
RUSN 2750*	Contemporary Russian Literature and Film	3
RUSN 2770*	Masterpieces of Russian Literature in Translation	3
SLAV 2240	East European Literature 1	3
SLAV 2250	East European Literature 2	3
SLAV 2260	Russia, Ukraine and Poland Cultures in Dialogue 1	3
SLAV 2270	Russia, Ukraine and Poland Cultures in Dialogue 2	3
SLAV 3520*	Special Topics in Comparative German and Slavic Studies	6
SLAV 3530	Special Topics in Comparative German and Slavic Studies	3
SLAV 3920	Gogol	3
UKRN 2200	Ukrainian Myth, Rites and Rituals	3
UKRN 2770	Ukrainian Culture 1	3
UKRN 2780	Ukrainian Culture 2	3
UKRN 2800	Literature and Revolution in Ukraine	3
UKRN 2820	Holodomor and Holocaust in Ukrainian Literature and Culture	3
UKRN 3100	Ukrainian Story Writing Through the Ages	3
UKRN 3300	Literature of Independent Ukraine	3
UKRN 3670*	Contemporary Ukrainian Literature	3
UKRN 3850*	Ukrainian Short Story	3
History		
HIST 2080	The Byzantine Empire and the Slavic World (D)	3
HIST 2240	History of Antisemitism and the Holocaust (E)	6
HIST 2490	History of Russia	6
HIST 2600	Introduction to Ukraine	3
HIST 2610	Making of Modern Ukraine	3
HIST 2660	History of the Soviet Union (E)	3
HIST 2661	Histoire de l'Union soviétique (E)	3
HIST 2840	A History of Russia to 1917	3
HIST 2841	Histoire de la Russie jusqu'en 1917 (E)	3
HIST 3030	Issues in Ukrainian History	3
HIST 3060*	German and German Jewish History, 1780-1933 (E)	3
HIST 3062	German and German-Jewish History, 1618 to the Present (E)	6
HIST 3064	German and German-Jewish History, 1618-1900 (E)	3
HIST 3066	German and German-Jewish History, 1900 to the Present (E)	3
HIST 3180*	Modern Russia: The Soviet Era and Beyond	6
HIST 4300	Problems in Modern Russian and Soviet History	6
011.255*	History of Ukraine	6
Judaic Studies		
YDSH 2320	Yiddish Literature and Language	6
Political Studies		
POLS 3720	Politics, Government and Society in Ukraine	3
POLS 3810	Introduction to Marxism	3
POLS 2920*	Government, Politics and Society in Ukraine	6
POLS 4810*	Seminar in Marxist-Leninist and Contemporary Marxist Political Theory	6
Religion		
RLGN 1350	The History of Eastern Christianity (A)	6
RLGN 2530	Eastern Christianity in the Contemporary World (A)	3
RLGN 3280	Hasidism (A)	3
School of Art		
FAAH 3160	Topics in 20th Century Art (only when topic focuses on Central and Eastern Europe)	3
FAAH 3280	Early Byzantine Art and Architecture	3
FAAH 3290	Later Byzantine Art and Architecture	3
FAAH 4070	Seminar in Art History 1 (when its focus is on Central and Eastern Europe)	3
FAAH 4080	Seminar in Art History 2 (when its focus is on Central and Eastern Europe)	3
Clayton H. Riddell Faculty of Environment, Earth, and Resources		
Geography		
GEOG 3600*	Geography of Ukraine	3

* Indicates course no longer offered.

Students are advised to consult the respective departmental *Calendar* entries for specific information on prerequisites and restrictions.

Classics

Deletions:

GRK 2730 Readings on Heroic and Mythological Themes Cr.Hrs. 3	-3.0
GRK 2750 Readings on the Intellectual Life of Classical Athens Cr.Hrs. 3	-3.0

Introductions:

GRK 2732 Readings in Greek Poetry Cr.Hrs. 3 +3.0
Readings from the works of selected poets of the Archaic and Classical periods. Students may not hold credit for both GRK 2732 and the former GRK 2730 (003.273). Prerequisite: a grade of "C" or better in GRK 1310 (003.131).

GRK 2752 Readings in Greek Prose Literature Cr.Hrs. 3 +3.0
Readings from the works of selected prose authors of the Classical period. Students may not hold credit for both GRK 2752 and the former GRK 2750 (003.275). Prerequisite: a grade of "C" or better in GRK 1310 (003.131).

CLAS 3264 Pompeii and Herculaneum Cr.Hrs. 3 +3.0
This course will study the art and archaeology of Pompeii, Herculaneum, and other sites destroyed by Mount Vesuvius in 79 C.E., with attention to social history, artistic developments, and daily life. Students may not hold credit for both CLAS 3264 and the former CLAS 3730 (003.373) when titled "Pompeii and Herculaneum."

Modifications:

GRK 3790 The Greek Tragedians Cr.Hrs. 3 0.0
(Formerly 003.379) Reading of at least one tragedy from among those of Aeschylus, Sophocles or Euripides. Prerequisite: [a grade of "C" or better in GRK 2732 or GRK 2752 or the former GRK 2730 (003.273) or the former GRK 2750 (003.275)] or written consent of department head.

GRK 3810 Aristophanes Cr.Hrs. 3 0.0
(Formerly 003.381) Reading of at least one complete comedy. Prerequisite: [a grade of "C" or better in GRK 2732 or GRK 2752 or the former GRK 2730 (003.273) or the former GRK 2750 (003.275)] or written consent of department head.

The statement of prerequisites for the following courses is to be modified to read: "Prerequisite: [a grade of "C" or better in GRK 2732 or CLAS 2752 or the former GRK 2730 (003.273) or the former GRK 2750 (003.275)] or written consent of department head.]

GRK 3750 Homer Cr.Hrs. 3	0.0
GRK 3770 Greek Poetry of the Archaic Period Cr.Hrs. 3	0.0
GRK 3830 The Greek Historians Cr.Hrs. 3	0.0
GRK 3850 Plato Cr.Hrs. 3	0.0
GRK 3870 The Attic Orators Cr.Hrs. 3	0.0

The statement of prerequisites for the following courses is to be modified to read: "Prerequisite: [a grade of "C" or better in LATN 2720 (003.272) or LATN 2740 (003.274)] or written consent of department head.]

LATN 3740 Roman Comedy Cr.Hrs. 3	0.0
LATN 3760 Orations of Cicero Cr.Hrs. 3	0.0

LATN 3780 Roman Satire Cr.Hrs. 3	0.0
LATN 3800 Lyric and Elegiac Poetry of the Augustan Age Cr.Hrs. 3	0.0
LATN 3820 Vergil's Aeneid Cr.Hrs. 3	0.0
LATN 3840 Vergil's Eclogues and Georgics Cr.Hrs. 3	0.0
LATN 3860 The Roman Historians Cr.Hrs. 3	0.0
LATN 3880 Poetry of the Silver Age Cr.Hrs. 3	0.0

NET CHANGE IN CREDIT HOURS: +3.0

Economics

Modifications:

ECON 2390 Introduction to Environmental Economics Cr.Hrs. 3 0.0
(Formerly 018.239) The economics of management of water, air and land resource quality, and the economics of conservation. The economic implications of environmental standards, licensing, criteria and pollution charges will be illustrated by current issues. Students may not hold credit for both ECON 2390 (018.239) and ABIZ 2390 (061.239). Prerequisite: [a grade of "C" or better in ECON 1010 or ECON 1011 or the former ECON 1200 (018.120) or the former ECON 1201 (018.120)] or [a grade of "C" or better in both ECON 1210 (or ECON 1211 or the former 018.121) and ECON 1220 (or ECON 1221 or the former 018.122)].

ECON 3700 Microeconomic Analysis 2 Cr.Hrs. 3 0.0
(Formerly 018.370) An intensive study of the principles and techniques of microeconomic analysis including consumer theory, theory of the firm, market structures, factor markets and externalities. Students may not hold credit for ECON 3700 (018.370) and more than three credits hours of the following: ECON 2700 (018.270), ECON 2450 (018.245), ECON 2451 (018.245), ECON 2460 (018.246), ECON 2461 (018.246). Prerequisite: written consent of department head.

ECON 3800 Macroeconomic Analysis 2 Cr.Hrs. 3 0.0
(Formerly 018.380) An intensive study of the mainstream approaches to explaining output and inflation, including their mathematical structure and empirical implications. Students may not hold credit for ECON 3800 (018.380) and more than three credits hours of the following: ECON 2800 (018.280), ECON 2470 (018.247), ECON 2471 (018.247), ECON 2480 (018.248), ECON 2481 (018.248). Prerequisite: written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

English, Film, and Theatre

Modification:

ENGL 1340 Introduction to Literary Analysis Cr.Hrs. 3 0.0
(Formerly 004.134) This course is intended to provide students with reading, writing, and analytic skills required for literary studies.

Program modifications:

English, Film, and Theatre

- Introducing Double Advanced Majors in English, Film Studies and Theatre
 - Modifying English General Major, English Single Advanced Major, Film Studies General Major, Film Studies Single Advanced Major and Film Studies Minor (Concentration)
- Program Notes**

8.10.2 English			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR^{1, 2, 4} TOTAL: 30 CREDIT HOURS			
ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	24 credit hours in general courses at the 2000 level and above to include at least 9 credit hours of literature prior to 1900* [of the credit hours listed above, at least 6 credit hours must be at the 3000 level].		
SINGLE ADVANCED MAJOR^{1, 2, 4, 5} TOTAL: 48 CREDIT HOURS			
ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	42 credit hours in general courses ³ at the 2000 level and above to include at least 15 credit hours of literature prior to 1900* [of the credit hours listed above, at least 9 credit hours must be at the 3000 level]		
DOUBLE ADVANCED MAJOR^{4, 5} TOTAL: 42 CREDIT HOURS			
ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	36 credit hours in English at the 2000 level and above to include at least 12 credit hours of literature prior to 1900 [of the credit hours listed above, at least 9 must be at the 3000 level]		
NOTES:			
¹ Students may offer up to 6 credit hours in Film Studies courses or Theatre courses, with the exception of FILM 1290, and FILM 1310 (or the former FILM 1300), THTR 1220, THTR 2170, THTR 2180 and THTR 2490, toward both the General Major and Single Advanced Major 3-year and the 4-year Major in English. Any Film Studies or Theatre courses so applied may not also be offered toward a Minor (Concentration) in Film Studies or Theatre.			
² Film Studies course FILM 2280 may be used as an English course to satisfy the English course requirements. If it is used as such, it may not also be applied to a Minor (Concentration) in Film Studies or as an ancillary option in Honours.			
³ Credit in ENGL 2000 may be offered toward the 48 hours in general courses required for a <u>Single Advanced Major only</u> (Advanced).			
⁴ Students may offer up to 6 credit hours of literature in translation courses (ENGL 2490, CLAS 2612, CLAS 2622, ICEL 3320, ICEL 3330) to satisfy requirements for a General Major, <u>Single Advanced Major</u> , <u>Double Advanced Major</u> , Single Honours or Double Honours. Students may offer up to 3 credit hours of literature in translation courses to satisfy the "literature prior to 1900" requirement for a General Major, <u>Single Advanced Major</u> , <u>Double Advanced Major</u> , Single Honours or Double Honours. Students may not offer literature in translation courses to satisfy the requirements for a Minor (Concentration).			
⁵ Film and Theatre courses, other than Introductory (1000 level), may be used for credit towards an Honours program (Single).			
⁶ Certain courses that vary in content from year to year, such as Honours courses and Special Topics courses, may also satisfy this requirement, as determined by the Department.			
⁷ Ancillary options are courses taken from outside the Honours field of study.			
⁸ Honours courses: all 4000 level courses.			
⁹ It is recommended that students complete a six credit hour theory course, specifically ENGL 2640.			

8.10.6 Film Studies

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR¹ TOTAL: 30 CREDIT HOURS			
FILM 1290 and FILM 1310	24 credit hours in Film Studies courses, including FILM 3420		
SINGLE ADVANCED MAJOR¹ TOTAL: 60 CREDIT HOURS			
FILM 1290 and FILM 1310	<ul style="list-style-type: none">• 42 credit hours in Film Studies including FILM 3420 and an additional 6 credit hours in courses numbered at the 3000 level• 12 credit hours from List A and B of which at least 6 credit hours must be from List A		
DOUBLE ADVANCED MAJOR¹ TOTAL: 42 CREDIT HOURS			
FILM 1290 and FILM 1310	<ul style="list-style-type: none">• FILM 2280; FILM 2380 or FILM 2390 or FILM 2430; FILM 3420 or ENGL 2640• 24 additional credit hours in Film Studies at the 2000 level and above (of the 24 credit hours, at least 6 credit hours, excluding FILM 3420, must be at the 3000 level)		
MINOR (CONCENTRATION)¹ TOTAL: 18 CREDIT HOURS			
FILM 1290 and FILM 1310	12 credit hours in Film Studies courses		
NOTE:			
¹ The content of topics courses (FILM 2380, FILM 2390, FILM 2460, FILM 3250, FILM 3260, FILM 3270, FILM 3400, FILM 3410) will vary from term to term and may be taken more than once for credit.			

8.10.10 Theatre

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR¹ TOTAL: 30 CREDIT HOURS			
THTR 1220	<ul style="list-style-type: none">• THTR 2160; THTR 2470 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 6 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 3 additional credit hours from Theatre courses <u>specified above</u> listed below and/or from List A		
SINGLE ADVANCED MAJOR^{1, 2} TOTAL: 54 CREDIT HOURS			
THTR 1220; ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	<ul style="list-style-type: none">• THTR 2160; THTR 2470 and ENGL 2960 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 12 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 12 additional credit hours from Theatre courses <u>specified above</u> listed below and/or from List A		
DOUBLE ADVANCED MAJOR^{1, 2} TOTAL: 42 CREDIT HOURS			
THTR 1220	<ul style="list-style-type: none">• THTR 2470• <u>9 credit hours from: THTR 2150, THTR 2160, THTR 2170, THTR 2180, THTR 2490, THTR 3470</u>• <u>24 additional credit hours from Theatre courses at the 2000 level and above</u>		
NOTES:			
¹ The content of topics courses (THTR 2600, THTR 2610, THTR 3470, THTR 3610, THTR 3620) will vary from term to term and may be taken more than once for credit.			
² It is recommended that students complete a three credit hour theory course, specifically THTR 3460.			

Date: March 30, 2012

To: CPAC

From: Lucas Tromly, Acting Associate Head, Department of English, Film, and Theatre

Re: Introducing Double Advanced Majors in English, Film Studies, Theatre, ~~and Film Studies/Theatre~~, and Modifying English General Major and English Single Advanced Major

This new double advanced major option is intended to allow students to pursue specialized studies in two distinct disciplines. The intention of this new program is to offer students who have a strong interest in two areas of study the option of doing more intensive work in both than is available by taking a major in one and a minor in the other. After completing a double advanced major, a student will have the specialized, detailed knowledge of a field offered by an advanced major but with an interdisciplinary emphasis that is more focused and developed than would be possible with the current option of a major and a minor. At the same time, the new double advanced major option streamlines the advanced major requirements, so that it is possible to complete the double advanced major option in four years, something that would be impossible to do under the current regulations for the double advanced major program. While we have a number of students in English, Film, and Theatre who choose to major in one stream and minor in another, only one student in recent years has chosen to complete the current double advanced major in English and Film, and it took him over five years to do so. One student has chosen to do the current double advanced major in English and Theatre, and she is presently in her fifth year. We know that other students who were interested in this option have been discouraged by the time required, and the intention of the new double advanced major is to make it easier for such students to follow their interests while still be able to graduate in a timely fashion.

The new double advanced major will require 42 hours of course work in each of two major fields, plus 36 hours to fulfill Arts requirements. Students will not be required nor allowed to pursue a minor with the double advanced major.

The introduction of the double advanced major necessitates some editorial changes to Note 1 on the English general major and English single advanced major; these changes are shown on the accompanying charts.

French, Spanish and Italian

Introductions:

SPAN 2210 Voices and Images of Latin America Cr.Hrs. 3 +3.0

A study of the important figures that have influence on social and artistic movements of the Latin American culture such as Frida Kahlo, Diego Rivera, Che Guevara, and Fernando Botero.

Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1261 or SPAN 1272 or SPAN 1271 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former TRAD 1271 (122.127)] or written consent of department head.

SPAN 3080 Contemporary Latin American Novel Cr.Hrs. 3 +3.0

This course will concentrate on the major writers of the Latin American "Boom" such as: Gabriel Garcia Marquez, Carlos Fuentes, Julio Cortazar and Mario Vargas Llosa. It may also include other authors connected with the Boom such as: Alejo Carpentier, Juan Rulfo, Jorge Luis Borges, Manuel Puig. Prerequisite: [a grade of "C" or better in any 2000-level Spanish course] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +6.0

Global Political Economy

Program modifications:

Global Political Economy

2012-2013 Undergraduate Calendar

- **Revisions to General Major and Advanced Major Programs**
- **Revisions to List of Suggested Electives**

Added material

~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR TOTAL: 60 CREDIT HOURS			
<ul style="list-style-type: none">• Anthropology: ANTH 2000; ANTH 2530; ANTH 3320 or Sociology SOC 3810• Economics: ECON 1010 and ECON 1020, or ECON 1210 and ECON 1220; ECON 2540; ECON 2550; ECON 2630 or ECON 3392 and ECON 3394• History: 12 credit hours from: HIST 1370, HIST 1380, HIST 1500, HIST 2380, HIST 2720• Political Studies: 6 credit hours from: POLS 1000, POLS 1010, POLS 1040, <u>or POLS 2040</u>POLS 1070, POLS 1500; POLS 2040 <u>POLS 3220</u>• Sociology: SOC 1200; SOC 3380 or SOC 3838 or SOC 3840 or SOC 3890 or Anthropology ANTH 2500; SOC 3810 or Anthropology ANTH 3320			
ADVANCED MAJOR TOTAL: 78 CREDIT HOURS			
<ul style="list-style-type: none">• Anthropology: ANTH 2000; ANTH 2530; ANTH 3320 or Sociology SOC 3810; ANTH 3750• Economics: ECON 1010 and ECON 1020, or ECON 1210 and ECON 1220; ECON 2540; ECON 2550; ECON 2630 or ECON 3392 and ECON 3394• Global Political Economy: GPE 2700; GPE 4700• History: 12 credit hours from: HIST 1370, HIST 1380, HIST 1500, HIST 2380, HIST 2720• Political Studies: 6 credit hours from: POLS 1000, POLS 1010, POLS 1040, <u>or POLS 2040</u>POLS 1070, POLS 1500; POLS 3220; POLS 3250, or POLS 3810, or POLS 3840• Sociology: SOC 1200; SOC 2290; SOC 3380 or SOC 3838 or SOC 3840 or SOC 3890 or Anthropology ANTH 2500; SOC 3810 or Anthropology ANTH 3320			

List of Courses for Global Political Economy

See the departmental Calendar section for full course descriptions.

Anthropology		
ANTH 2000	Culture, Society, and Power (B)	3
ANTH 2390*	Social Organization in Cross-Cultural Perspective (B)	6
ANTH 2500	Culture, Environment, and Technology (B)	3
ANTH 2530	Anthropology of Political Systems (B)	3
ANTH 3320	Women in Cross-Cultural Perspective (B)	3
ANTH 3750	Globalization and the World-System (B)	3
Economics		
ECON 1010	Introduction to Microeconomic Principles	3
ECON 1020	Introduction to Macroeconomic Principles	3
ECON 1200*	Principles of Economics	6
ECON 1210	Introduction to Canadian Economic Issues and Policies	3
ECON 1220	Introduction to Global and Environmental Economic Issues and Policies	3
ECON 2540	Political Economy 1: Production and Distribution	3
ECON 2550	Political Economy 2: Economic Growth and Fluctuations in a Global Economic Environment	3
ECON 2630	An Introduction to the World's Economies	6
ECON 3392	An Introduction to Development Economics	3
ECON 3394	Development Economics: Problems and Policies	3
Global Political Economy		
GPE 2700	Perspectives on Global Political Economy	3
GPE 4700	Studies in Global Political Economy	6
History		
HIST 1370	An Introduction to Modern World History: 1500-1800 (M)	3
HIST 1380	An Introduction to Modern World History: 1800 - Present (M)	3
HIST 1500	An Introduction to Modern World History: 1500 - Present (M)	6
HIST 2380	The Twentieth-Century World (G,M)	6
HIST 2720	The World Since 1945 (G,M)	6
Political Studies		
POLS 1000	Democracy and Development	3
POLS 1010	Political Ideas and Ideologies	3
POLS 1040	Global Political Issues	3
POLS 1070	Law, Politics, and Power in Canada	3
POLS 1500	Introduction to Politics	6
POLS 2040	Introduction to International Relations	6
POLS 2530*	Elements of Foreign Policy	6
POLS 3220	Globalization and the World Economy	3
POLS 3250	International Political Economy	3
POLS 3810	Introduction to Marxism	3
POLS 3840	Approaches to the Study of International Relations	3
019.383*	The Politics of International Economic Relations	6
Sociology		
SOC 1200	Introduction to Sociology	6
SOC 2290	Introduction to Research Methods	6
SOC 3380	Power, Politics and the Welfare State	3
SOC 3470*	Political Sociology	3
SOC 3690*	Sociology of the Developing Societies	3
SOC 3810	Sociological Perspectives on Gender and Sexuality	3
SOC 3838	Ecology and Society	3
SOC 3840	Community and Social Reconstruction	3
SOC 3870*	Social Inequality	3
SOC 3890	Power and Inequality in Comparative Perspective	3

List of Suggested Electives

Faculty of Arts

Anthropology		
ANTH 1220	Cultural Anthropology (A)	3
ANTH 1520	Critical Cultural Anthropology (A)	3
ANTH 2460*	Peasantry in a Changing World (B)	3
ANTH 2500	Culture, Environment, and Technology (B)	3
ANTH 2510	Anthropology of Economic Systems (B)	3
ANTH 2570	Urban Anthropology (B)	3
ANTH 3320	Women in Cross-Cultural Perspective (B)	3
ANTH 3380	Anthropology and Contemporary Social Issues (B)	3
076.244*	Peasant Society and Culture (B)	3
Asian Studies		
ASIA 1420	Asian Civilizations to 1500 (Cross-listed with History HIST 1420)	3
ASIA 1430	Asian Civilizations Since 1500 (Cross-listed with History HIST 1430)	3
ASIA 2070*	South Asian Civilization	6
ASIA 2080	South Asian Civilization	3
150.211*	East Asian Civilization	6
Economics		
ECON 2420	Economics of the Labour Process and Labour Relations (Cross-listed with Labour Studies LABR 2420)	3
ECON 2490	Economic Accounting	3
ECON 2560	Corporations in the Global Economy	3
ECON 2630	An Introduction to the World's Economies	6
ECON 3390	Development Economics	6
ECON 3660	Economic Ideas and Social Institutions	6
ECON 3710	Sustainable Development: Issues and Policy	3
ECON 4510*	Economy and State in a Modern Period: Western Europe and North America	6
History		
HIST 2670	History of Capitalism (M)	3
HIST 2680	History of Socialism from the French Revolution to the Present (M)	3
HIST 2710	Women in History (G)	6
<u>HIST 3260</u>	<u>Commerce, Rights and Empire in European Thought, 500-2000 (M)</u>	<u>3</u>
HIST 3580	Topics in Recent World History 1 (M)	3
HIST 3590	Topics in Recent World History 2 (M)	3
HIST 4010	Imperialism, Decolonization and Neo-Colonialism, 1700 to the Present (G,M)	6
HIST 4320	Studies in World History since 1945 (G,M)	3
011.341*	The British Empire and Commonwealth Since 1815 (G)	6
Labour Studies		
LABR 1260	Working for a Living	3
LABR 1270*	Introduction to the Political Economy of Labour	3
LABR 1290	Introduction to the Canadian Labour Movement	3
LABR 2100	Political Economy of Labour	3
LABR 2300	Workers, Employers and the State	3
LABR 2420	Economics of the Labour Process and Labour Relations (Cross-listed with Economics ECON 2420)	6
LABR 3090	Globalization and Labour	3
<u>LABR 3210</u>	<u>Working People in Hard Times</u>	<u>3</u>
<u>LABR 3220</u>	<u>Global Sweatshops, Global Struggles</u>	<u>3</u>
Political Studies		
POLS 2040	Introduction to International Relations	6
POLS 2070	Introduction to Canadian Government	6
POLS 2530	Elements of Foreign Policy	6
POLS 3200	International Security and Conflict Management	6
POLS 3330	Politics of the European Union	3
POLS 3810	Introduction to Marxism	3
POLS 3880	Comparative Foreign Policy	3
POLS 4530	Regionalism in International Politics	3
POLS 4660	The State in the Economy	6
019.156*	Introduction to Canadian Government	6

019.273*	International Conflict Resolution	6
Sociology		
SOC 2480	Population Problems	3
SOC 3380	Power, Politics and the Welfare State	3
SOC 3470*	Political Sociology	3
SOC 3690*	Sociology of the Developing Societies	3
SOC 3810	Sociological Perspectives on Gender and Sexuality	3
SOC 3838	Ecology and Society	3
SOC 3840	Community and Social Reconstruction	3
SOC 3870*	Social Inequality	3
SOC 3890	Power and Inequality in Comparative Perspective	3

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Geography		
GEOG 1280	Introductory Human Geography	3
GEOG 2210	Economic Geography	6
GEOG 3590	Geography of Developing Countries	6
GEOG 3800	Geography of Transportation Development	3
GEOG 4640	Models in Urban Geography	3

* Indicates course no longer offered.

History

Deletions:

HIST 2970 Modern Canada: 1921 to the Present (C) Cr.Hrs. 6	-6.0
HIST 3570 History of Women in Canada (C) Cr.Hrs. 6	-6.0

Introductions:

HIST 3442 Race, Ethnicity, Immigration, and Nation in Canadian History (C) Cr.Hrs. 3	+3.0
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This course examines topics in the history of immigration, colonization, race, and ethnicity in Canada. Beginning with the incursions of European immigrants onto First Nations territories, the course investigates attitudes and policies concerning immigration, the interaction of colonization and immigration, discourses of race and ethnicity, and race and ethnic relations within Canadian society. Students may not hold credit for both HIST 3442 and HIST 3780 (011.378) with the topic "Race and Immigration in Canadian History". Prerequisite: [a grade of "C" or better in six credit hours of history] or written consent of department head.

HIST 3572 The History of Women, Gender, and Sexuality in Canada (C) Cr.Hrs. 6	+6.0
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This course examines the history of women, gender, and sexuality in Canada's past and how gender and sexuality have structured the histories of Indigenous people, English and French colonization, nation-building, immigration and urbanization, politics, war, and protest. Students may not hold credit for HIST 3572 and the former HIST 3570 (011.357). Prerequisite: [a grade of "C" or better in six credit hours of history] or written consent of department head.

Modifications:

HIST 2286 Modern Canada (C) Cr.Hrs. 3	0.0
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This course addresses the history of Canada since the First World War with attention to social, political, economic, diplomatic and cultural topics such as: interwar and postwar life, struggles for equality, international and internal conflict, immigration, new technologies, nationalism, aboriginal affairs, the arts and Canada's role in the world. Students may not hold credit for HIST 2286 and any of the former HIST 2970 (011.297) or HIST 2971 (011.297) or HIST 3050 (011.305).

NET CHANGE IN CREDIT HOURS: -3.0

Interdisciplinary - Arts

Modification:

ARTS 1110 Introduction to University Cr.Hrs. 3	0.0
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(Formerly 099.111) A seminar course designed to help students make the transition to university by imparting the knowledge, skills, and attitudes requisite for success in university study. Each section limited to 30 students. Open only to students who have completed fewer than 60 credit hours of course work. Students may not hold credit for both ARTS 1110 (099.111) and ARTS 1111 (099.111).

NET CHANGE IN CREDIT HOURS: 0.0

Labour Studies

Program modification:

Labour Studies

2012-2013 Undergraduate Calendar

- Revision to List of Electives

Added material

Deleted material

List of Electives

The following courses may be selected to fulfill the requirements for a degree in Labour Studies (see the table above for details). Other courses might be chosen for this purpose, in accordance with students' individual interests, but require advance permission from the Labour Studies coordinator. Students are responsible for ensuring that all prerequisites have been met. In the following list (H) indicates an Honours course.

Faculty of Arts

Economics		
ECON 2280	Social Welfare and Human Resources	6
ECON 2350	Community Economic Development	3
ECON 2360*	Women in the Canadian Economy	6
ECON 2362	Economics of Gender	3
ECON 2500*	Labour and Technology (same as former Labour Studies LABR 2450)	3
ECON 3170	Introduction to Quantitative Methods in Economics	3
ECON 3300	Canadian Economic History	6
ECON 3360*	Labour Economics	6
ECON 3362	Labour Economics 1	3
ECON 3364	Labour Economics 2	3
ECON 3510	Industrial Relations (same as Labour Studies LABR 3510)	6
ECON 3660	Economic Ideas and Social Institutions	6
History		
HIST 2282	Inventing Canada (C)	3
HIST 2284	Democracy and Dissent: Contesting Canada (C)	3
HIST 2286	Modern Canada (C)	3
HIST 2670	History of Capitalism (M)	3
HIST 2671	Histoire du capitalisme (M)	3
HIST 2680	A History of Socialism from the French Revolution to the Present (M)	3
HIST 2690*	The Common People in Industrial Society (G)	6
HIST 2710	Women in History (G)	6
HIST 2720	The World Since 1945 (G,M)	6
HIST 2970*	Modern Canada: 1921 to the Present (C)	6
HIST 2971	Le Canada moderne: de 1921 à nos jours (C) (GUSB)	6
HIST 3050	Canada since 1945 (C)	6
HIST 3210	The History of Popular Radicalism in the Twentieth Century (M)	6
HIST 3570*	History of Women in Canada (C)	6
HIST 3572	The History of Women, Gender, and Sexuality in Canada (C)	6
HIST 3700	History of Working People and Labour Movements 1700 to the Present (G) (same as Labour Studies LABR 3700)	6
HIST 3730	A History of Western Canada (C)	6
HIST 3800	History of Winnipeg from 1870-2000 (C)	3
HIST 4030*	The History of Communism and Socialism since 1945 (M) (H)	6
Native Studies		
NATV 3320*	Aboriginal Organizations	3
Philosophy		
PHIL 2290	Ethics and Society	6
PHIL 2830	Business Ethics	3

PHIL 3710*	Critiques of Contemporary Society	6
Political Studies		
POLS 3470	Canadian Public Management	3
POLS 3570	Administrative Theory in the Public Sector	3
POLS 3810	Introduction to Marxism	3
POLS 4370	Comparative Public Administration (H)	3
POLS 4570*	Public Organizational Management (H)	6
POLS 4660	The State in the Economy (H)	6
019.487*	Government and Public Sector Unionism (H)	3
Psychology		
PSYC 3510*	Organizational Psychology	3
PSYC 3600*	Environmental Psychology	3
Sociology		
SOC 2290	Introduction to Research Methods	6
SOC 3370	Sociology of Work	3
SOC 3371	Sociologie du travail (GUSB)	3
SOC 3380	Power, Politics and the Welfare State	3
SOC 3470*	Political Sociology	3
SOC 3471	Sociologie politique (GUSB)	3
SOC 3820	Qualitative and Historical Methods in Sociology	3
SOC 3870*	Social Inequality	3
SOC 3871	Inégalités sociales (GUSB)	3
SOC 3890	Power and Inequality in Comparative Perspective	3
Women's and Gender Studies		
WOMN 2500	Race, Class and Sexuality	3
WOMN 3550	Feminist Community Organizing: Theories and Practices	3
I.H. Asper School of Business (Faculty of Management)		
Business Administration		
GMGT 2030	Administrative Theory	3
GMGT 2060	Management and Organizational Theory	3
GMGT 2080*	Introduction to Management and Organization Theory	3
GMGT 3030	Contemporary Social Issues in Business	3
GMGT 4210	Seminar in Management and Capitalism	3
HRIR 2440	Human Resource Management	3
HRIR 3430	Selected Topics in Industrial Relations	3
HRIR 3450	Labour and Employment Relations (or the former 027.341)	3
HRIR 4420	Compensation	3
HRIR 4480	Collective Bargaining and Administration	3
HRIR 4520	Comparative Industrial Relations and Human Resource Management	3
Interdepartmental Courses		
IDM 3000*	Aboriginal Business Context: Influences and Impacts	3
IDM 4090*	Aboriginal Business Leadership	3

* Indicates course no longer offered.

For course descriptions, see departmental listings.

Latin American Studies

Program modification:

Latin American Studies 2012-2013 Undergraduate Calendar - Revisions to Minor (Concentration) Program

Added material

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A Minor (Concentration) in Latin American Studies consists of at least 18 credit hours from a **minimum of two different departments chosen from the following list.**

Faculty of Arts

Anthropology		
ANTH 2690	Peoples and Cultures of Contemporary Latin America (B)	3
Economics		
ECON 3390*	Development Economics	6
ECON 3392	An Introduction to Development Economics	3
ECON 3394	Development Economics: Problems and Policies	3
History		
HIST 2140	Colonial Latin America (A)	3
HIST 2150	Independent Latin America (A)	3
HIST 3020	South America Since 1945 (A)	3
HIST 3040	Mexico, Central America, and Cuba Since 1945 (A)	3
HIST 4870	Contemporary Latin America (A)	6
Spanish		
SPAN 2200	Spanish American Culture and Civilization	3
<u>SPAN 2210</u>	<u>Voices and Images of Latin America</u>	<u>3</u>
SPAN 2540	Spanish-American Literature 2	3
<u>SPAN 3080</u>	<u>Contemporary Latin American Novel</u>	<u>3</u>

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Geography		
GEOG 2350*	Latin America (A)	6

* Indicates course no longer offered.

Native Studies

Modifications:

NATV 1200 The Native Peoples of Canada Cr.Hrs. 6 0.0
(Formerly 032.120) A survey of the political, social, and economic situations of the contemporary First Nations, Métis, and Inuit Peoples of Canada. Students may not hold credit for both NATV 1200 (032.120) and any of: NATV 1220 (032.122) or NATV 1240 (032.124).

NATV 1220 The Native Peoples of Canada, Part 1 Cr.Hrs. 3 0.0
(Formerly 032.122) A survey of the political, social, and economic situations of the contemporary First Nations, Métis, and Inuit Peoples of Canada from pre-contact to 1945. Students may not hold credit for both NATV1220 (032.122) and NATV.1200 (032.120).

NATV 1240 The Native Peoples of Canada, Part 2 Cr.Hrs. 3 0.0
(Formerly 032.124) A survey of the political, social, and economic situations of the contemporary First Nations, Métis, and Inuit Peoples of Canada from 1945 to the present. This course may include a field trip component. Students may not hold credit for both NATV 1240 (032.124) and NATV 1200 (032.120).

NATV 1250 Introductory Cree 1 Cr.Hrs. 3 0.0
(Formerly 032.125) (Lab required) Practical course intended for students who are not fluent in Cree. Emphasis will be on oral work for the purpose of learning basic sounds and grammatical patterns. Some attention will be given to the structural differences between Cree and English. Regular attendance and active participation are obligatory. This course is a prerequisite for NATV 1260 Introductory Cree 2.

NATV 1260 Introductory Cree 2 Cr.Hrs. 3
(Formerly 032.126) (Lab required) Continuation of NATV 1250 (032.125) Introductory Cree 1. Practical course intended for students who are not fluent in Cree. Emphasis will be on oral work for the purpose of learning basic sounds and grammatical patterns. Some attention will be given to the structural differences between Cree and English. Regular attendance and active participation are obligatory. Prerequisite: a grade of "C" or better in NATV 1250 (032.125).

NET CHANGE IN CREDIT HOURS: 0.0

Philosophy

Deletion:

PHIL 2610 History and Philosophy of Science Cr.Hrs. 6 -6.0

Introductions:

PHIL 2612 A Philosophical History of Science Cr.Hrs. 3 +3.0
A philosophical study of the evolution of science and scientific methodology from the ancient Greeks to the present. A background in science is not required. Students may not hold credit for PHIL 2612 and the former PHIL 2610 (015.261). Prerequisite: successful completion of 30 hours of university credit.

PHIL 2614 Philosophy of Science Cr.Hrs. 3

+3.0

A critical study of the nature of scientific knowledge. A background in science is not required. Students may not hold credit for PHIL 2614 and the former PHIL 2610 (015.261). Prerequisite: successful completion of 30 hours of university credit.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Philosophy

2012-2013 Undergraduate Calendar

- **Modifying Honours Single and Double Programs**
- **Modifying the list of courses satisfying the History of Philosophy requirement**

Added material

~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS SINGLE ^{1, 2, 4}			
6 credit hours in Philosophy courses numbered at the 1000 level	<ul style="list-style-type: none"> • PHIL 2430³ • PHIL 2760 • 6 credit hours from PHIL 2610, PHIL 2612, PHIL 2614, PHIL 2630, PHIL 2640, PHIL 2650, PHIL 2660, PHIL 2780, PHIL 2790, PHIL 3580 • 12 credit hours outside of Philosophy 	<ul style="list-style-type: none"> • 9 credit hours in Honours Philosophy courses • 3 credit hours from PHIL 2610, PHIL 2612, PHIL 2614, PHIL 2630, PHIL 2640, PHIL 2650, PHIL 2660, PHIL 2780, PHIL 2790, PHIL 3580 • an additional 3 credit hours from History of Philosophy courses • 3 credit hours in Honours Philosophy courses or History of Philosophy courses • 6 credit hours outside Philosophy 	<ul style="list-style-type: none"> • 12 credit hours in Honours Philosophy courses • 6 credit hours in Philosophy courses numbered at the 2000 level and above • 6 credit hours outside Philosophy
HONOURS DOUBLE ^{1, 2, 4}			
6 credit hours in Philosophy courses numbered at the 1000 level	<ul style="list-style-type: none"> • 6 credit hours from History of Philosophy courses • PHIL 2430 or PHIL 2760 • 18 credit hours outside Philosophy 	<ul style="list-style-type: none"> • 6 credit hours in Honours Philosophy courses • 3 credit hours from PHIL 2610, PHIL 2612, PHIL 2614, PHIL 2630, PHIL 2640, PHIL 2650, PHIL 2660, PHIL 2780, PHIL 2790, PHIL 3580 • an additional 3 credit hours from History of Philosophy courses • 12 credit hours outside Philosophy 	<ul style="list-style-type: none"> • 6 credit hours in Honours Philosophy courses • 6 credit hours in Philosophy courses numbered at the 2000 level and above • 12 credit hours outside Philosophy
NOTES: ¹ At most 12 credit hours in Philosophy numbered at the 1000 level may count towards any degree program. In addition, no student may hold credit in both PHIL 1200 and PHIL 1510. ² Courses listed may be taken in years other than the ones specified; however, the total set of courses taken must conform to these			

requirements in other respects.

³ Students who took the former PHIL 1330 in their first year will substitute six other credit hours in Philosophy for PHIL 2430 in Year 2.

⁴ Honours courses: PHIL 3430, PHIL 3440, PHIL 3580, PHIL 3630, PHIL 3640, PHIL 3650, PHIL 3760, PHIL 3770 and all 4000 level courses.

⁵ If PHIL 1510 is taken to satisfy this requirement, it will also satisfy 6 credit hours towards the History of Philosophy requirement.

History of Philosophy		
Course		Credit Hours
PHIL 1510*	Historical Introduction to Philosophy	6
PHIL 2300	Political Philosophy	6
PHIL 2610*	The History and Philosophy of Science	6
PHIL 2612	A Philosophical History of Science	3
PHIL 2630	Continental Rationalism	3
PHIL 2640	British Empiricism	3
PHIL 2650	Plato	3
PHIL 2660	Aristotle	3
PHIL 2710	Twentieth-Century European Philosophy: Existentialism	3
PHIL 2720*	Twentieth-Century European Philosophy: Phenomenology	3
PHIL 2780	Thomas Aquinas	3
PHIL 2790	Moral Philosophy	6
PHIL 2820*	Existentialism	6
PHIL 3580	Kant	3
PHIL 3690*	The Rise of Analytic Philosophy	3
* indicates course no longer offered		

Psychology

Modifications:

PSYC 3360 Experimental Child Psychology Cr.Hrs. 3 0.0
(Formerly 017.336) Research methods for developmental psychology are reviewed: ethics, conducting experiments with child participants in a group project, research design, data analysis, writing research papers in APA format, and creating a poster presentation. Prerequisite: a grade of "C" or better in PSYC 2290 (017.229) or PSYC 2291 (017.229).

PSYC 4520 Honours Research Seminar Cr.Hrs. 6 0.0
(Formerly 017.452) In first term there will be an examination of important experimental issues, and several experimental assignments. In addition, each student will propose a research project of greater scope to be conducted under the supervision of a Psychology staff member. In second term, students will carry out their projects and report their findings. Prerequisite: [90 credit hours towards honours program, including a grade of "C" or better in PSYC 3200, and three credit hours in PSYC 3340 or the former PSYC 4570 (017.457), and three credit hours in PSYC 3630 (017.363) or PSYC 3631 (017.363) or the former PSYC 4500 (017.450)], and written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications:

Psychology 2012-2013 Undergraduate Calendar - Revisions to Honours Single Program

Added material
~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS SINGLE⁴			
PSYC 1200 or PSYC 1211 and PSYC 1221	<ul style="list-style-type: none"> • PSYC 2250 and PSYC 2260 • 6 credit hours in Psychology courses numbered at the 2000 or 3000 level: (3 hours from each of two different lettered menu categories)¹ • 15 credit hours in ancillary options² • 3 credit hours in free options³ 	<ul style="list-style-type: none"> • 3 credit hours from PSYC-3340 or PSYC-3630 • <u>PSYC 3200 and PSYC 3340 and PSYC 3630</u> • <u>9-12</u>-credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours each of at least two different lettered menu courses not taken in Year 2) • 3 credit hours in Psychology courses numbered at the 4000 level or one of: PSYC 3520, PSYC 3560 or PSYC 3590 • 9 credit hours in ancillary options² 	<ul style="list-style-type: none"> • PSYC 4520 • 6 credit hours in Psychology courses numbered at the 4000 level • 9 credit hours in Psychology courses numbered at the 2000 or 3000 level, including any remaining menu category • 3 credit hours in free options³ • 6 credit hours in ancillary options²
NOTES: ¹ Lettered menu categories are as follows: Category A: Personality/Social PSYC 2410, PSYC 2420, PSYC 3450, PSYC 3460 Category B: Developmental PSYC 2290, PSYC 2310, PSYC 2370 Category C: Learning PSYC 2440, PSYC 2470 Category D: Cognitive PSYC 2480, PSYC 3160, PSYC 3170, PSYC 3441, PSYC 3580, PSYC 3610 Category E: Biological PSYC 2360, PSYC 3350, PSYC 3430 ² Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Psychology courses). ³ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Psychology courses). ⁴ Honours courses: PSYC 3340 and all 4000 level courses.			

Religion

Introductions:

RLGN 2222 The Supernatural in Popular Culture (C) Cr.Hrs. 3 +3.0

This course provides a survey of the supernatural, superhuman, and paranormal in popular culture, focusing on non-institutionalized forms of religious thought and practice as well as in the popular media (comic books, movies, music, fantasy and science fiction novels, television). Topics may include phenomena such as divination, ghosts, and speaking with the dead as well as fascination with apocalypses, superheroes, time travel, vampires, and zombies. Emphasis will be given to religious expressions not usually recognized as "religious".

RLGN 3194 Islamic Philosophy (B) Cr.Hrs. 3 +3.0

This course explores the history of Islamic philosophy (falsafa) from the translation movement of Greek philosophical, scientific and medical texts under the Abbasid dynasty (8-9th Centuries), until the golden age of interdisciplinary intellectual, scientific and theological debates in the postclassical period of Islamic intellectual history.

RLGN 3560 Texts in Original Languages Cr.Hrs. 3 +3.0

The subject matter of this course will vary from year to year. It will give students the opportunity to study texts in languages other than English and to develop reading skills in those languages. The emphasis may be on language learning or on working with texts in a language already studied. As the course content will vary from year to year, students may take this course more than once for credit.

NET CHANGE IN CREDIT HOURS: +9.0

Sociology

Introduction:

SOC 4490 Advanced Seminar in Criminology Cr.Hrs. 3 +3.0

A critical examination of the field of criminology and the work of criminologists in shaping modern sensibilities about crime, law, and social justice. Topics include the origins of modern criminology, the development of competing knowledge frameworks in criminology (including the impact of feminist, postmodern, and post-colonial criminologies), and trajectories of 21st century criminology (including scientific, global, and public criminology). Prerequisite: written consent of department head.

Modifications:

SOC 2200 Sociology Through Film Cr.Hrs. 3 0.0

Using film as a method, this course will be organized around the broad themes of social inequality and social justice. It will engage in a critical sociological analysis of issues such as health and well-being, poverty, genocide and violence, globalization and consumer culture.

SOC 3100 Practicum in Criminological/Sociological Research Cr.Hrs. 6 0.0

This course is designed to develop students' research skills and experience through placement in a criminal justice or other social service agency having a mandate relevant to the study of sociology. The course consists of supervised work within the agency and classroom instruction,

culminating in the production of a research report. Enrolment is competitive and special advance permission is required to register. To be considered for admission, students must complete an application form (available from the Department of Sociology website) by the last day of May preceding the Fall term in which the student intends to take the course. Students may not hold credit for both SOC 3100 and the former sac 3760 (077.376). Prerequisite: written consent of department head.

NET CHANGE IN CREDIT HOURS: +3.0

Sociology

Program modification:

Sociology

2012-2013 Undergraduate Calendar

- Modifying Honours Single and Double Programs

Added material

~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS SINGLE^{1, 2}			
SOC 1200 or SOC 1211 and SOC 1221	<ul style="list-style-type: none">• SOC 2010, SOC 2220 and SOC 2290• 6 credit hours in Sociology• 12 credit hours in ancillary options	<ul style="list-style-type: none">• 6 credit hours from SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390, SOC 3700• 12 credit hours in Sociology courses numbered at the 2000 or 3000 level• 12 credit hours in ancillary options	<ul style="list-style-type: none">• SOC 4450, SOC 4460, SOC 4560, SOC 4570 and SOC 4580• <u>3 credit hours from SOC 3820, SOC 4580</u>• 6-12 credit hours in ancillary options
HONOURS DOUBLE^{1, 2}			
SOC 1200 or SOC 1211 and SOC 1221	<ul style="list-style-type: none">• SOC 2010, SOC 2220 and SOC 2290• At least 36 credit hours in other Honours field• At least 6 credit hours in ancillary options	<ul style="list-style-type: none">• 6 credit hours from SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390, SOC 3700• 3 credit hours in Sociology courses numbered at the 2000 or 3000 level	<ul style="list-style-type: none">• SOC 4450, SOC 4460, SOC 4560, SOC 4570 and SOC 4580• <u>3 credit hours from SOC 3820, SOC 4580</u>
NOTES:			
¹ Ancillary options are courses taken from outside the Honours field of study.			
² Honours courses: SOC 2010 and all 4000 level courses.			

Women's and Gender Studies

Program modification:

Women's and Gender Studies

2012-2013 Undergraduate Calendar

- Modifying List A

Added material

Deleted material

List A

Faculty of Arts

Anthropology	
ANTH 3320 Women in Cross-Cultural Perspective (B)	3
ANTH 3321 Femmes, société et cultures (B) (EUSB)	3
ANTH 3330 Sex and Sexualities (B)	3
ANTH 3350* Anthropology of Sex and Sexualities (B)	3
Economics	
ECON 2360* Women in the Canadian Economy	6
ECON 2362 Economics of Gender	3
French, Spanish and Italian	
FREN 2680 Littérature féminine française (B)	3
FREN 3860 Études sur Beauvoir (B)	3
German	
GRMN 1310 Love in German Culture in English Translation	3
GRMN 3280 Sex, Gender and Cultural Politics in the German-Speaking World	3
GRMN 3282 Sex, Gender and Cultural Politics in the German-Speaking World in English Translation	3
History	
HIST 2400 History of Human Rights and Social Justice in the Modern World (G,M)	3
HIST 2710 Women in History (G)	6
HIST 3572 <u>The History of Women, Gender, and Sexuality in Canada (C)</u>	3
HIST 3570* History of Women in Canada (C)	6
HIST 3760 Problems in American History 1	3
	Acceptable for credit only when the topic is "Gender and Sexuality in 20th Century America."
HIST 3810 The Family, Love and Marriage in Western Society, 1500-1800 (E)	6
HIST 3811 Famille, amour et mariage dans la société occidentale, 1500-1800 (E)	6
HIST 3820 The Women's Movement, 1850 to the Present (G)	6
HIST 4060 Gender History in Canada (C)	6
Native Studies	
NATV 2430 Indigenous Women's Stories	3
NATV 3360 Aboriginal Women of Canada	3
NATV 3380 Cultural Constructions of Gender in Canadian Aboriginal Societies	3

Philosophy	
PHIL 3220 Feminist Philosophy	3
Political Studies	
POLS 3100 Gender and Politics in Canada	3
POLS 3240 Feminist Political Theory	3
Psychology	
PSYC 2390 Psychology of Women	3
PSYC 2400 The Psychology of Sex Differences	3
Religion	
RLGN 2680 Women and Religion 1	3
RLGN 2690 Women and Religion 2	3
Slavic Studies	
RUSN 2350* Russian Women's Writing from the 1950s to the Present Day	3
RUSN 3980 Women and Russian Literature	3
UKRN 3970 Women and Ukrainian Literature	3
Sociology	
SOC 2460 The Family	3
SOC 2461 La famille (EUSB)	3
SOC 2470 Courtship and Marriage	3
SOC 2471* Les fréquentations et le mariage (CUSB)	3
SOC 3770 Women, Health and Medicine	3
SOC 3790 Women, Crime and Social Justice	3
SOC 3810 Sociological Perspectives on Gender and Sexuality	3
SOC 3811 Sociologie de la sexualité et des rôles sexuels (EUSB)	3
School of Art	
FAAH 2110 Women and Art	3
FAAH 4090 Seminar on Contemporary Issues in Art	3
	Acceptable for credit only when the topic is "Women Artists."
Clayton H. Riddell Faculty of Environment, Earth, and Resources	
GEOG 4280 Gender and the Human Environment	3
Marcel A. Desautels Faculty of Music	
MUSC 4130 History of Women in Music	3
Faculty of Nursing	
NURS 3330 Women and Health	3
For course descriptions, see departmental listings.	

* Indicates course no longer offered.

Other Faculties and Schools – History of Art (Faculty of Arts)

Program modification:

Other Faculties and Schools – History of Art

2012-2013 Undergraduate Calendar

- Modifying List B

Added material

~~Deleted material~~

List B

School of Art

FA 2620*	Writing About Art	3
FAAH 2910	Field Studies in Art History 1	3
FAAH 2920	Field Studies in Art History 2	6
FAAH 2930	Writing about Art	3
FAAH 3130	Topics in Medieval Art and Architecture	3
FAAH 3140	Topics in Renaissance and Baroque Art and Architecture	3
FAAH 3150	Topics in 18th and 19th Century Art	3
FAAH 3160	Topics in 20th Century Art	3
FAAH 3170*	Contemporary Art	3
FAAH 3180	History of Photography	3
FAAH 3190	History of Ceramics	3
FAAH 3200	Art in New Media	3
FAAH 3202	Contemporary Art History	3
FAAH 3210	Introduction to the Theory and Criticism of Art	3
FAAH 3220	Topics in Aboriginal Art	3
FAAH 3230	Chinese Art and Architecture	3
FAAH 3240	Japanese Art and Architecture	3
FAAH 3250	Topics in Art History	3
FAAH 3260	Canadian Art and Architecture to World War II	3
FAAH 3270	Canadian Art Since World War II	3
FAAH 3280	Early Byzantine Art and Architecture	3
FAAH 3290	Later Byzantine Art and Architecture	3
FAAH 3430	Inuit Art	3
FAAH 3590	Islamic Art and Architecture	3
FAAH 3780	Twentieth Century American Art Until 1950	3
FAAH 3910	Field Studies in Art History 3	3
FAAH 3920	Field Studies in Art History 4	3
FAAH 4060	Seminar on the Theory and Criticism of Art	3
FAAH 4070	Seminar in Art History 1	3
FAAH 4080	Seminar in Art History 2	3
FAAH 4090	Seminar on Contemporary Issues in Art	3
FAAH 4710	Directed Study 1	3
FAAH 4720	Directed Study 2	3

* Indicates course no longer offered.

Faculty of Dentistry

Introductions:

DDSS 3142 Medicine Cr.Hrs. 2 +2.0

Lectures or seminars describing the basic mechanisms, symptoms, diagnosis, and management of various disease processes included in internal medicine and their dental correlations. May not be held with DDSS 3030.

DDSS 3152 Temporomandibular Disorder and Orofacial Pain Cr.Hrs. 2 +2.0

The course reviews the foundational clinical sciences in pain biology, and function of the masticatory muscles and TMJ. It discusses the contemporary classification, diagnosis and management of temporomandibular disorders and related orofacial pain disorders. May not be held with DDSS 3190.

DDSS 3112 Oral Diagnosis and Radiology 1 Cr.Hrs. 2 +2.0

This course includes a lecture component covering history-taking, clinical examination, diagnosis and treatment of soft and hard tissue lesions, emergency treatment, dental treatment of patients with systemic disease, and clinical experience. May not be held with DDSS 3200.

DDSS 3132 Oral and Maxillofacial Surgery 1 Cr.Hrs. 2 +2.0

This course consists of lectures, seminars and clinics, covering all aspects of oral and maxillofacial surgery with an emphasis on those procedures performed by the general practitioner. May not be held with DDSS 3210.

DDSS 3102 Periodontology 3 Cr.Hrs. 3 +3.0

This combined didactic and clinical course is designed to provide experience which will allow students to apply their earlier and current didactic learning to the clinical environment. The lecture periods concern themselves principally with verbal descriptions of treatment modalities and techniques, including non-surgical, surgical intervention and temporomandibular joint problems. Inter-relationships with other clinical disciplines also receives considerable attention. May not be held with DDSS 3220.

DDSS 3120 Pain and Anxiety Control 2 Cr.Hrs. 1 +1.0

This course consists of lectures/seminars and clinical experience in: physiology of pain and psychology of anxiety, management of medical emergencies, parenteral injections, and therapeutics of the various modalities of pain and anxiety control. May not be held with DDSS 3230.

ORLB 3300 Pathology and Microbiology 2 Cr.Hrs. 1 +1.0

A study of selected infectious diseases and the application of general diagnostic pathology to dental practice. May not be held with ORLB 3020.

ORLB 3062 Pharmacology and Dental Therapeutics Cr.Hrs. 2 +2.0

A discussion of the basic pharmacology of dental and medical therapeutic agents, their therapeutic uses and adverse effects and potential impact on the treatment of dental patients. May not be held with ORLB 3060.

PDSD 3402 Orthodontics 3 Cr.Hrs. 2 +2.0

A series of seminars covering the analysis, diagnosis, treatment planning, and mechanotherapy using records of selected cases. The clinical component consists of the diagnosis and treatment

planning for individuals seeking orthodontic treatment. The clinical experience includes exposure to removable and fixed appliance mechanotherapy, screening of patients seeking orthodontic care and follow-up of retention of completed cases. May not be held with PDSD 3040.

PDSD 3412 Pediatric Dentistry 2 Cr.Hrs. 3 +3.0
A series of seminars and clinics to give the student a basic understanding and some clinical experience with: clinical procedures, emergency treatment, psychological management, preventive medical considerations and the provision of total dental care to pediatric patients. May not be held with PDSD 3050.

PDSD 3422 Dental Public Health / Preventive Dental Science Cr.Hrs. 2 +2.0
(a) Dental Public Health - The course focuses on the social and psychological variables that impact on dental care for specific age and disease-related issues in the population. Patient utilization rates and program organization are reviewed. (b) Preventive Dental Science - Techniques and therapy used to prevent dental diseases are covered. The application of these modalities to specific patient categories follows. May not be held with PDSD 3140.

RSTD 3512 Operative Dentistry 3 Cr.Hrs. 5 +5.0
A lecture and clinical course emphasizing diagnosis, treatment planning and the application of fundamental principles of operative and esthetic dentistry. Lectures and clinical treatments dealing with current restorative materials and techniques. May not be held with RSTD 3020.

RSTD 3522 Endodontology 2 Cr.Hrs. 3 +3.0
This course emphasizes the rationale and biologic basis for the practical techniques previously taught. Techniques are discussed in greater detail and are applied to treatment of patients. The second part of the course deals with pulp biology and periapical pathology to prepare the student for understanding the rationale behind pulpal protection, prevention and treatment of pulpal disease. Laboratory exercises are performed on more complex root canal systems in preparation for General Practice Clinic. May not be held with RSTD 3050.

RSTD 3532 Fixed Prosthodontics 2 Cr.Hrs. 5 +5.0
An introduction to the clinical practice of fixed prosthodontics techniques. An emphasis is placed on diagnosis and treatment-planning. Clinical exposure is supplemented by lecture materials. May not be held with RSTD 3040.

RSTD 3542 Complete and Removable Partial Denture Prosthodontics Cr.Hrs. 3 +3.0
This course consists of a series of lectures and clinics. Theories of applied prosthodontics are discussed and applications of this knowledge are made concurrently through the clinical treatment of patients. May not be held with RSTD 3090.

NET CHANGE IN CREDIT HOURS: +38.0

Program modifications:

The introduction of fifteen (15) third year courses by the Faculty of Dentistry represents the third phase of the Faculty's implementation of a revised credit hour system for the undergraduate program that more accurately reflect students' contact hours and workload for each course. Existing third year courses, with the previous credit hour weighting, will be deleted once all students admitted to the program prior to 2011 have completed all coursework.

Faculty of Engineering

Biosystems Engineering

Deletions:

BIOE 3200 Environmental Engineering for Non-Engineers Cr.Hrs. 3	-3.0
BIOE 2000 Co-op Work Study 1 Cr.Hrs. 1	-1.0
BIOE 3000 Co-op Work Study 2 Cr.Hrs. 1	-1.0
BIOE 4000 Co-op Work Study 3 Cr.Hrs. 1	-1.0

Modification:

BIOE 4480 Environmental Impact Assessment Cr.Hrs. 4	0.0
(Formerly 034.448) Basic methodologies for conducting impact assessments, including physical, chemical and ecological impacts. Prerequisite: BIOE 2590 or CIVL 3690. May not be held with 034.448.	

NET CHANGE IN CREDIT HOURS: -6.0

Program modifications (Biosystems Engineering):

Revised April 3, 2012

Department of Biosystems Engineering

Agricultural Specialization

Students who obtain a grade of “C” or better in the courses listed below will receive a notation of “agricultural specialization” on their transcript at the time of graduation.

Group A: Science Electives

Within the two science slots in the core program, choose:

- SOIL 4060 Physical Properties of Soil
- AGRI 2200 Principles of Plant and Animal Physiology

Group B: Biosystems Engineering Design Electives

Choose at least three of the following courses from the list of available design electives:

- BIOE 4412 Design of Light-Frame Building Systems
- BIOE 4420 Crop Preservation
- BIOE 4590 Management of By-Products from Animal Production
- BIOE 4600 Design of Water Management Systems

Group C: Complementary Studies & Free Electives

Choose 9 credit hours (minimum of 3 credit hours of complementary studies) from the following list of courses:

- ABIZ 1000 Introduction to Agribusiness Management*
- ABIZ 3530 Farm Management*
- AGRI 1500 Natural Resources and Primary Agricultural Production
- AGRI 1510 Production, Distribution and Utilization of Agricultural Products
- BIOE 2090 Machinery for Agricultural Production
- BIOE 2222 Precision Agriculture Concepts and Applications
- ENTM 3170 Crop Protection Entomology
- PLNT 2500 Crop Production
- PLNT 2510 Fundamentals of Horticulture
- SOIL 3520 Pesticides: Environment, Economics and Ethics

Note: Special permission may be granted by the Head of Department for courses not appearing on the list.

Description of Revisions (underlined):

- 1. A note was added to indicate that courses not on the list of electives may be approved by the Head of Department.***

Department of Biosystems Engineering

Biomedical Specialization

Students who obtain a grade of “C” or better in the courses listed below will receive a notation of “biomedical specialization” on their transcript at the time of graduation.

Group A: Science Electives

Within the two science elective slots in the core program, choose:

- BIOL 1410 Human Anatomy (rather than SOIL 4060)
- BIOL 1412 Physiology of the Human Body (rather than AGRI 2200)

Group B: Biosystems Engineering Design Electives

Choose the following three courses from the list of available design electives:

- BIOE 4414 Imaging and Spectroscopy for Biosystems
- BIOE 4610 Design of Assistive Technology Devices
- BIOE 4640 Bioengineering Applications in Medicine

Group C: Complementary Studies & Free Electives

Choose 9 credit hours (minimum of 3 credit hours of complementary studies) from the following list of courses:

- BIOL 2410 Human Physiology 1
- BIOL 2420 Human Physiology 2
- BIOL 4470 Sensory-Motor Physiology
- ECE 4610 Biomedical Instrumentation and Signal Processing
- ENG 1900 Occupational Health and Safety Awareness*
- HIST 4660 History of Health and Disease (6)*
- HIST 4680 History of Health and Disease in Modern Canada (6)*
- KIN 2330 Biomechanics
- KIN 4330 Advanced Biomechanics
- NATV 3240 Native Medicine and Health*
- PHIL 2740 Ethics and Biomedicine*
- PHYS 3220 Medical Physics and Physiological Measurement
- PHYS 4400 Medical Imaging

* Can be used as a complementary studies elective.

Note: Special permission may be granted by the Head of Department for courses not appearing on the list.

Description of Revisions (underlined):

1. *Permission was received from the Department of Physics and Astronomy to include **PHYS 3220** and **PHYS 4400** on the list of Group C electives for the Biomedical Specialization in Biosystems Engineering.*
2. *A note was added to indicate that courses not on the list of electives may be approved by the Head of Department.*

Department of Biosystems Engineering

Bioprocessing Specialization

Students who obtain a grade of “C” or better in the courses listed below will receive a notation of “bioprocessing specialization” on their transcript at the time of graduation.

Group A: Science Electives

Within the two science slots in the core program, choose:

- SOIL 4060 Physical Properties of Soil
- AGRI 2200 Principles of Plant and Animal Physiology

Group B: Biosystems Engineering Design Electives

Choose at least three courses from the list of available design electives:

- BIOE 4420 Crop Preservation
- BIOE 4390 Unit Operations 1
- BIOE 4440 Bioprocessing for Biorefining
- BIOE 4590 Management of By-Products from Animal Production
- BIOE 4630 Pollution Prevention Practices

Group C: Complementary Studies & Free Electives

Choose 9 credit hours (minimum of 3 credit hours of complementary studies) from the following list of courses:

- ABIZ 1010 Economics of World Food Issues and Policies*
- ENG 1900 Occupational Health and Safety Awareness*
- FOOD 1000 Food Safety Today and Tomorrow
- FOOD 3010 Food Process 1
- FOOD 4260 Water Management in Food Processing
- HNSC 1200 Food: Facts and Fallacies
- HNSC 2160 Principles of Food Preparation and Preservation

Note: Special permission may be granted by the Head of Department for courses not appearing on the list.

Description of Revisions (underlined):

1. *A note was added to indicate that courses not on the list of electives may be approved by the Head of Department.*

Department of Biosystems Engineering

Environmental Specialization

Students who obtain a grade of "C" or better in the courses listed below will receive a notation of "environmental specialization" on their transcript at the time of graduation.

Group A: Science Electives

Within the two science slots in the core program, choose:

- SOIL 4060 Physical Properties of Soil
- AGRI 2200 Principles of Plant and Animal Physiology

Group B: Biosystems Engineering Design Electives

Choose at least three of the following courses from the list of available design electives:

- BIOE 4460 Air Pollution Assessment and Management
- BIOE 4480 Environmental Impact Assessment
- BIOE 4590 Management of By-Products from Animal Production
- BIOE 4600 Design of Water Management Systems
- BIOE 4620 Remediation Engineering
- BIOE 4630 Pollution Prevention Practices

Group C: Complementary Studies & Free Electives

Choose 9 credit hours (minimum of 3 credit hours of complementary studies) from the following list of courses:

- ABIZ 2390 Introduction to Environmental Economics* (or equivalent)
- AGEC 2370 Principles of Ecology (or equivalent)
- CIVL 3690 Environmental Engineering Analysis
- CIVL 3700 Environmental Engineering Design
- CIVL 4350 Hazardous Waste Treatment
- GEOG 2250 Introduction to Geographic Information Systems
- GEOG 2520 Geography of Natural Resources*
- PHIL 2750 Environmental Ethics*

* Can be used as a complementary studies elective.

Note: Special permission may be granted by the Head of Department for courses not appearing on the list.

Description of Revisions (underlined):

1. *A note was added that courses not on the list of electives may be approved by the Head of Department.*

Department of Biosystems Engineering

Sustainable Building Systems Specialization

Students who obtain a grade of “C” or better in the courses listed below will receive a notation of “sustainable building systems specialization” on their transcript at the time of graduation.

Group A: Science Electives

Within the two science slots in the core program, choose:

SOIL 4060 Physical Properties of Soil

AGRI 2200 Principles of Plant and Animal Physiology OR BIOL 1412 Physiology of the Human Body

Group B: Biosystems Engineering Design Electives

Choose the following three courses from the list of available design electives:

BIOE 4412 Design of Light-Frame Building Systems

BIOE 4560 Structural Design in Wood

BIOE 4700 Alternative Building Design

Group C: Complementary Studies & Free Electives

Choose 9 credit hours (minimum of 3 credit hours of complementary studies) from the following list of courses:

CIVL 2770 Civil Engineering Materials

CIVL 3760 Structural Analysis

ENVR 3750 Green Building and Planning

ENVR 3850 Sustainable Manitoba*

EVDS 1600 Introduction to Environmental Design*

EVDS 1660 History of Culture, Ideas and Environment*

EVLU 4002 Construction Materials

Note: Special permission may be granted by the Head of Department for courses not appearing on the list.

Description of Revisions (underlined):

- 1. Permission was received from the Department of Environment and Geography to include ENVR 3850 on the list of Group C electives for the Sustainable Building Systems Specialization in Biosystems Engineering.*
- 2. Permission was received from the Department of Landscape Architecture to include EVLU 4002 on the list of Group C electives for the Sustainable Building Systems Specialization in Biosystems Engineering.*
- 3. A note was added to indicate that courses not on the list of electives may be approved by the Head of Department.*

Civil Engineering

Deletions:

CIVL 2900 Co-op Work Term 1 Cr.Hrs. 0	-0.0
CIVL 3910 Co-op Work Term 2 Cr.Hrs. 0	-0.0
CIVL 4920 Co-op Work Term 3 Cr.Hrs. 0	-0.0
CIVL 4930 Co-op Work Term 4 Cr.Hrs. 0	-0.0
CIVL 4940 Co-op Work Term 5 Cr.Hrs. 0	-0.0

Modification:

CIVL 3690 Environmental Engineering Analysis Cr.Hrs. 4 (Formerly 023.369) Introduction to environmental engineering analysis concept; risk assessment; colloidal dispersions; mass balances, reaction kinetics and reactor design principles. Water pollution and water quality in rivers and lakes. Physical, chemical and biological unit operations and processes applied in water and/or wastewater treatment. Meteorology and air pollution; atmospheric dispersion. Solid waste management issues. Prerequisites: (CHEM 1310 or CHEM 2560), STAT 2220 (or 005.222).	0.0
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Introduction:

CIVL 4120 Water Treatment Plant Design Cr.Hrs. 4 Design of unit processes used in potable water treatment plants: solid/liquid separation, oxidation, coagulation, filtration, adsorption and disinfection. Determination of design parameters through laboratory studies. Water treatment plants design standards and guidelines. Prerequisite: CIVL 3690.	+4.0
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NET CHANGE IN CREDIT HOURS: +4.0

Program modifications (Civil Engineering):

The department is proposing a modification to the program that replaces the existing service course CHEM 2560 Water Quality Analysis for Engineers with the general course CHEM 1310 An Introduction to Physical Chemistry.

Electrical and Computer Engineering

Deletion:

ECE 4720 Industry Internship Cr.Hrs. 0	-0.0
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NET CHANGE IN CREDIT HOURS: 0.0

Mechanical and Manufacturing Engineering

Deletions:

MECH 2050 Mechanical Engineering Coop Education Assignment 1 Cr.Hrs.	1	-1.0
MECH 3050 Mechanical Engineering Coop Education Assignment 2 Cr.Hrs.	1	-1.0
MECH 4050 Mechanical Engineering Coop Education Assignment 3 Cr.Hrs.	1	-1.0
MECH 4060 Mechanical Engineering Coop Education Assignment 4 Cr.Hrs.	1	-1.0

NET CHANGE IN CREDIT HOURS: -4.0

Faculty of Engineering

Introductions:

ENG 4800 Co-op / IIP Work Term 1 Cr.Hrs. 1 +1.0

Work assignment in business, industry, or government for the Faculty of Engineering co-operative education stream students. Requires submission of a written report covering the work completed during the four-month professional assignment. It is assumed that courses ENG 4800, ENG 4810, ENG 4820, ENG 4830 and ENG 4840 will be taken in order. Those registering for this course must have applied for and been accepted into the Faculty of Engineering co-operative education stream. Not to be held with: BIO 2000, CIVL 2900, ECE 4720, MECH 2050 or ENG 4012. This course is graded on a pass/fail basis.

ENG 4810 Co-op / IIP Work Term 2 Cr.Hrs. 1 +1.0

Work assignment in business, industry, or government for the Faculty of Engineering co-operative education stream students. Requires submission of a written report covering the work completed during the four-month professional assignment. It is assumed that courses ENG 4800, ENG 4810, ENG 4820, ENG 4830 and ENG 4840 will be taken in order. Those registering for this course must have applied for and been accepted into the Faculty of Engineering co-operative education stream. Not to be held with: BIO 3000, CIVL 3910, ECE 4720, or MECH 3050. This course is graded on a pass/fail basis.

ENG 4820 Co-op / IIP Work Term 3 Cr.Hrs. 1 +1.0

Work assignment in business, industry, or government for the Faculty of Engineering co-operative education stream students. Requires submission of a written report covering the work completed during the four-month professional assignment. It is assumed that courses ENG 4800, ENG 4810, ENG 4820, ENG 4830 and ENG 4840 will be taken in order. Those registering for this course must have applied for and been accepted into the Faculty of Engineering co-operative education stream. Not to be held with: BIO 4000, CIVL 4920, ECE 4720, or MECH 4050. This course is graded on a pass/fail basis.

ENG 4830 Co-op / IIP Work Term 4 Cr.Hrs. 1 +1.0

Work assignment in business, industry, or government for the Faculty of Engineering co-operative education stream students. Requires submission of a written report covering the work completed during the four-month professional assignment. It is assumed that courses ENG 4800, ENG 4810, ENG 4820, ENG 4830 and ENG 4840 will be taken in order. Those registering for this course must have applied for and been accepted into the Faculty of Engineering co-operative education stream. Not to be held with: CIVL 4930, ECE 4720, or MECH 4060. This course is graded on a pass/fail basis.

ENG 4840 Co-op / IIP Work Term 5 Cr.Hrs. 1

+1.0

Work assignment in business, industry, or government for the Faculty of Engineering co-operative education stream students. Requires submission of a written report covering the work completed during the four-month professional assignment. It is assumed that courses ENG 4800, ENG 4810, ENG 4820, ENG 4830 and ENG 4840 will be taken in order. Those registering for this course must have applied for and been accepted into the Faculty of Engineering co-operative education stream. Not to be held with: CIVL 4940. This course is graded on a pass/fail basis.

NET CHANGE IN CREDIT HOURS: +5.0

Program modifications (Faculty of Engineering):

The Faculty of Engineering is proposing the restructuring of all cooperative education/industry internship programs with the Faculty in order to introduce a common administrative structure Faculty wide. At the present time, all departments have their own Coop / IIP offerings, each with different course numbers. This proposal introduces five common single-term Coop / IIP courses (*ENG 4800, ENG 4810, ENG 4820, ENG 4830, and ENG 4840*) to replace those currently existing. As a result, all existing Coop / IIP courses are to be deleted.

Proposed Calendar Entry:

Co-operative Education and Industrial Internship Program

The Faculty of Engineering offers a Co-operative education and Industry Internship Program (Co-op/IIP) designed to complement and enrich the academic program with work experience. The work terms provide students with practical experience, assistance in financing their education, and guidance for future career specialization.

A student in good academic standing, who will have successfully completed 58 credit hours of their academic program of study by the end of the session, may apply to participate in the Co-operative and Industry Internship Program. Applicants will be interviewed and approved by the Co-op/IIP staff and faculty advisors. Final acceptance into the program will be confirmed in writing by the Co-op/IIP office.

In addition to students following regular departmental programs, Internationally Educated Engineers Qualification (IEEQ) Program participants may also be approved for participation in Co-op/IIP upon written approval of the IEEQ Director.

Progress of all students through Co-op/IIP the program is dependent upon the student obtaining a job placement confirmed as appropriate by the Co-op/IIP office.

Upon acceptance, Engineering students enrol in the course ENG 4800, Engineering Co-operative Education Work Term 1 (and subsequently, ENG 4810, ENG 4820, ENG 4830, ENG 4840) for the specific work term of employment.

Students who are unable to maintain the standards of the Co-op/IIP will be transferred back into the regular program.

The course and grade requirements for completion of the Co-op/IIP are the same as those required for the regular program. However, in order to satisfy course prerequisite requirements, timetables may differ from the regular program. Co-op/IIP students are evaluated in the same manner as regular students and all rules and regulations of the Faculty of Engineering apply.

Written reports must be completed at the end of each work term. Each successfully completed work term and its corresponding work term report receives a Pass/Fail grade and is rated at one credit hour. Graduates who successfully complete at least three work terms and the required work term reports will have the Co-operative Education Option acknowledged on their B.Sc. graduation parchment.

For more information regarding the Co-op/IIP requirements, please see the Co-op/IIP office.

Clayton H. Riddell Faculty of Environment, Earth, and Resources

Environment and Geography

Modification:

ENVR 2000 Environmental Science 2: Issues Cr.Hrs. 3 0.0
(Formerly 128.200) This course will briefly review the major features of the structure and function of natural systems along with the degree to which these have been compromised. The main component of the course, however, will concentrate on the identification of the issues that underlie environmental degradation, while exploring alternative conditions that have the potential to reverse current trends and ultimately contribute to ecological sustainability.
Prerequisite: ENVR 1000 (128.100) (C) or BIOL 1340 (071.134) (C).

NET CHANGE IN CREDIT HOURS: 0.0

Geological Sciences

Introduction:

GEOL 4380 Mineral Resource Development Cr.Hrs. 3 +3.0
Examination of economic, political, social, and environmental considerations that affect exploration and mining activity. Prerequisite: GEOL 3130 (C+). Pre- or co-requisite: GEOL 4300.

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications (Geological Sciences):

Other Note 1: Geological Sciences - Geology Electives Lists A and B

List A Electives: Honours and Major students must complete a minimum of 9 credit hours from the following courses:	
<u>GEOL 2390</u>	Environmental Geology (3)
<u>GEOL 4280</u>	Instrumental Techniques In Geology (3)L
<u>GEOL 4300</u>	Mineral Deposits (3)L
<u>GEOL 4520</u>	Petroleum Geology (3)L
<u>GEOL 4890</u>	Basin Analysis (3)L
List B Electives: Honours students are required to complete a minimum of 9 credit hours. Major students must complete a minimum of 6 credit hours from the following courses:	
<u>GEOL 3140</u>	Gemology (3)L
<u>GEOL 3420</u>	Engineering Geology (3)
<u>GEOL 3450</u>	Hydrogeology (3) L
<u>GEOL 3740</u>	Exploration Seismology (3)L
<u>GEOL 3750</u>	Geology and Geophysics of the Planets (3)L
<u>GEOL 3810</u>	Applied Geophysics (3)L
<u>GEOL 4260</u>	Applied Geophysics Field Course (3)
<u>GEOL 4270</u>	Advanced Studies in Earth Sciences (3)
<u>GEOL 4310</u>	Paleontologic Principles (3)L
<u>GEOL 4360</u>	Mineral Exploration Techniques (3) L
<u>GEOL 4370</u>	Global Change (3)
<u>GEOL 4380</u>	Mineral Resource Development (3)
<u>GEOL 4740</u>	Geophysics Field School (6)
<u>GEOG 2250</u>	Introduction to Geographic Information Systems (3)L
and/or up to 6 credit hours of additional courses not yet completed from List A.	
NOTE: With departmental approval, up to 6 credit hours of 2000-level or higher courses from other departments may be substituted for courses in List B in order to satisfy professional registration (APEGM) requirements.	

Other Note 1: Geological Sciences - Geophysics Electives Lists A, B and P

List A Electives: Honours students are required to complete a minimum of 9 credit hours. Major students must complete a minimum of 6 credit hours from the following courses:	
GEOL 4250	Theory and Application of Geophysical Inversion Methods (3)L
GEOL 4320	Physics of the Earth: Seismology and Heat Flow (3)
GEOL 4330	Physics of the Earth: Geomagnetism and Gravity (3)
List B Electives: Honours students are required to complete a minimum of 6 credit hours. Major students must complete a minimum of 6 credit hours from the following courses:	
GEOL 2390	Environmental Geology (3)
GEOL 2770	Principles of Inorganic Geochemistry (3)L
GEOL 3110	Petrogenesis of Igneous Rocks (3)L
GEOL 3420	Engineering Geology (3)
GEOL 3440	Structure and Metamorphism (3)L
GEOL 3450	Hydrogeology (3)L
GEOL 3490	Glacial Geology and Geomorphology (3)L
GEOL 3750	Geology and Geophysics of the Planets (3)L
GEOL 3900	Sedimentology (3)L
GEOL 3910	Introduction to Field Mapping (3)
GEOL 4270	Advanced Studies in Earth Sciences (3)
GEOL 4300	Mineral Deposits (3)L
GEOL 4360	Mineral Exploration Techniques (3)L
GEOL 4370	Global Change (3)
GEOL 4380	Mineral Resource Development (3)
GEOL 4520	Petroleum Geology (3)L
GEOL 4890	Basin Analysis (3)L
GEOL 4910	Advanced Field Mapping (3)
GEOG 2250	Introduction to Geographic Information Systems (3)L
Any List A or P not already taken, or any advanced level Geological Sciences, Physics or Mathematics course(s) approved by department.	
List P Electives: Honours students are required to complete a minimum of 6 credit hours. Major students must complete a minimum of 3 credit hours from the following courses:	
CHEM 2290	Chemical Energetics and Dynamics: Macroscopic Descriptions (3)L
MECH 2260	Introduction to Fluid Mechanics (3)L
PHYS 2610	Circuit Theory and Introductory Electronics (3)L
PHYS 2650	Classical Mechanics 1 (3)
PHYS 3630	Electro - and Magnetostatic Theory (3)
PHYS 3670	Classical Thermodynamics (3)
Or alternate physical science course(s) approved by department.	

Faculty of Kinesiology and Recreation Management

Introductions:

PERS 4320 Sport and the Body Cr.Hrs. 3 +3.0

A critical analysis of current, interdisciplinary topics pertaining to sport and the body. This course tackles difficult and controversial questions related to the active body. Pre-requisite: PERS 3460 Sociology of Physical Activity and Leisure (C) or permission of the instructor. May not be held with PERS 4200 Sport and the Body.

PERS 4310 Physical Activity Counselling Cr.Hrs. 3 +3.0

The purpose of this course is to introduce students to physical activity counselling and the associated interpersonal and counselling skills as well as relevant theories that underpin behaviour change and counselling techniques. Through case studies, readings, research, discussions, simulations, role plays and real counselling work students will learn, reflect on and practice proven counselling skills that build motivation and facilitate behaviour change. Pre-requisites: KIN 2540 Psychology of Sport and Physical Activity (C) or PSYC 3660 Sport Psychology (C).

Modifications:

PERS 2100 Introduction to Professional Practice Cr.Hrs. 3 0.0

(Seminar/Lab Required) An Introduction to professional values and behaviours in the broad fields related to kinesiology, physical education, and recreation management including accountability, commitment, ethical decision making, interpersonal communication, respect for diversity, and service. Prerequisites: One of [PERS 1200 (C) or equivalent] or [PERS 1500 (C) or equivalent] or [PERS 1300 (C) or equivalent] or [PERS 1400 (C) or equivalent].

PERS 2200 Program Planning Principles Cr.Hrs. 3 0.0

While contexts in practice may vary, program planning is an essential competency for all professionals in recreation, kinesiology, and physical education. To ensure the requisite skill set is acquired, the emphasis in this course will be on principles and processes in effective program planning, implementation, and evaluation. Prerequisites: One of [PERS 1200 (C) or equivalent] or [PERS 1500 (C) or equivalent] or [PERS 1300 (C) or equivalent] or [PERS 1400 (C) or equivalent].

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

The faculty is proposing that PERS 1400 Concepts of Recreation and Leisure no longer be required in Year 1 of the curriculum of the Bachelor of Kinesiology, Bachelor of Kinesiology – Athletic Therapy, and Bachelor of Physical Education programs and that it be replaced by 3 credit hours of electives. The faculty is proposing that PERS 1200 Physical Activity, Health and Wellness and PERS 1500 Foundations of Physical Education and Kinesiology no longer be required in Year 1 of the curriculum of the Bachelor of Recreation Management and Community Development and that it be replaced by 6 credit hours of electives.

Faculty of Kinesiology and Recreation Management

Proposed Curriculum Revisions – September 14, 2012

- A. Rationale
- B. Specific Changes to Programs
 - Bachelor of Kinesiology Program
 - Bachelor of Kinesiology – Athletic Therapy Program
 - Bachelor of Physical Education
 - Bachelor of Recreation Management and Community Development
- C. Changes to Program Charts
 - Bachelor of Kinesiology
 - Bachelor of Kinesiology – Athletic Therapy Program
 - Bachelor of Physical Education
 - Bachelor of Recreation Management and Community Development
- D. Resource Implications
- E. Impact

A. Rationale

The following motions are written with the intent of increasing student flexibility within University 1 to take a variety of courses based upon their interest and/or abilities (i.e., enabling students to take introductory courses that will best prepare them for success based on where they perceive their needs and interests to be); this is achieved by changing some required first year PERS courses to electives and reducing the pre-requisites required for PERS 2100 and 2200.

B. Specific Changes to Programs

Bachelor of Kinesiology Program

That PERS 1400 Concepts of Recreation and Leisure be removed as a required course in the BKIN program and be replaced by any elective.

Bachelor of Kinesiology – Athletic Therapy Program

That PERS 1400 Concepts of Recreation and Leisure be removed as a required course in the BKIN-AT program and be replaced by a 3 credit hour elective in Year 1 of the program.

Bachelor of Physical Education Program

That PERS 1400 Concepts of Recreation and Leisure be removed as a required course in the BPE program and be replaced by any elective.

Bachelor of Recreation Management and Community Development

That PERS 1200 Physical Activity, Health and Wellness and PERS 1500 Foundations of Physical Education and Kinesiology be removed as required courses in the BRMCD program and be replaced by 6 credit hours of electives in Year 1 of the program.

C. Changes to Program Charts

The specific changes to each degree program are summarized in the following program charts. Deletions are indicated by strike-through, and additions are indicated by underlining.

Program Requirements: Bachelor of Kinesiology

Year 1 - University 1: 30 credit hours

Course No.	Credit Hours
BIOL 1XXX BIOL 1020 Biology 1: Principles and Themes and BIOL 1030 Biology 2: Biological Diversity, Function and Interaction (with a minimum grade of "C" in each) <u>or</u> BIOL 1000 Biology: Foundations of Life and BIOL 1010 Biological Diversity and Interaction (with a minimum grade of "C+")	6
PERS 1200 Physical Activity, Health and Wellness	3
PERS 1400 Concepts of Recreation and Leisure	3 <i>revision</i>
PERS 1500 Foundations of Physical Education and Kinesiology	3
PSYC 1200 Introduction to Psychology	6
W Written English Requirement	3
STAT 1000 Basic Statistical Analysis 1	3
Electives	3 <i>6 revision</i>

Year 2: 30 credit hours

Course No.	Credit Hours
BIOL 2410 Human Physiology 1	3
BIOL 2420 Human Physiology 2	3
PERS 2100 Introduction to Professional Practice	3
PERS 2200 Program Planning Principles	3
PERS 3350 Introduction to Research	3
KIN 2320 Human Anatomy	3
KIN 2330 Biomechanics	3
Electives	9

Year 3: 30 credit hours

Course No.	Credit Hours
PERS 3100 Inclusive Physical Activity and Leisure	3
PERS 3340 Philosophy of Physical Activity and Leisure	3
PERS 3460 Sociology of Physical Activity and Leisure	3
KIN 3470 Exercise Physiology	3
KIN 3512 Principles of Fitness Training	3
KIN 3740 Resistance Training and Conditioning	3
Electives	12

Year 4: 30 credit hours

Course No.	Credit Hours
PERS 4100 Current Issues	3
KIN 3450 Motor Learning	3
KIN 4500 Physical Activity and Aging	3
Electives	21*

Program Requirements: Bachelor of Kinesiology - Athletic Therapy

Year 1 - University 1: 30 credit hours

Course No.	Credit Hours
BIOL 1XXX BIOL 1020 Biology 1: Principles and Themes 6 and BIOL 1030 Biology 2: Biological Diversity, Function and Interaction (with a minimum grade of "C" in each) or BIOL 1000 Biology: Foundations of Life and BIOL 1010 Biological Diversity and Interaction (with a minimum grade of "C+")	6
PERS 1200 Physical Activity, Health and Wellness	3
PERS 1400 Concepts of Recreation and Leisure	3 revision
PERS 1500 Foundations of Physical Education and Kinesiology	3
PSYC 1200 Introduction to Psychology	6
W Written English Requirement	3
STAT 1000 Basic Statistical Analysis 1	3
Electives	36 revision

Year 2: 33 credit hours

Course No.	Credit Hours
BIOL 2410 Human Physiology 1	3
BIOL 2420 Human Physiology 2	3
PERS 2100 Introduction to Professional Practice	3
PERS 2200 Program Planning Principles	3
PERS 3350 Introduction to Research	3
KIN 2320 Human Anatomy	3
KIN 2330 Biomechanics	3
KIN 2750 Athletic Therapy Skills	3
KIN 3200 Basic Trauma and Life Support	3
KIN 3320 Advanced Human Anatomy	3
HNSC 1210 Nutrition for Health and Changing Lifestyles	3

Year 3: 33 credit hours

Course No.	Credit Hours
PERS 3100 Inclusive Physical Activity and Leisure	3
PERS 3340 Philosophy of Physical Activity and Leisure	3
KIN 3160 Pathology and Sport Medicine	3
KIN 3330 Functional Assessment and Restoration A	3
KIN 3332 Functional Assessment and Restoration B	3
KIN 3400 Therapeutic Modalities	3
KIN 3470 Exercise Physiology	3
KIN 3512 Principles of Fitness Training	3
KIN 3740 Resistance Training and Conditioning	3
KIN 3912 Athletic Therapy Practicum	4
KIN 3914 Clinical Block Placement	2

Year 4: 30 credit hours

Course No.	Credit Hours
PERS 4100 Current Issues	3
KIN 2540 Psychology of Sport and Physical Activity or PSYC 3660 Sport Psychology	3
KIN 3450 Motor Learning	3
KIN 4160 Advanced Pathology and Sport Medicine	3
KIN 4330 Advanced Biomechanics	3
KIN 4400 Therapeutic Exercise Rehabilitation	3
KIN 4500 Physical Activity and Aging	3
KIN 4910 Athletic Therapy Practicum	6
Electives	3

Program Requirements: Bachelor of Physical Education

Year 1 – University 1: 30 credit hours

Course No.		Credit Hours
BIOL 1410	Anatomy of the Human Body	3
BIOL 1412	Physiology of the Human Body	3
ENGL 1200	Representative Literary Works or ENGL 1300 Literature Since 1900 or ENGL 1310 Literary Topics 1 and ENGL 1340 Introduction to Literary Analysis)	6
PERS 1500	Foundations of Physical Education and Kinesiology	3
PSYC 1200	Introduction to Psychology	6
M	Mathematics or Statistics Requirement Teachable Minor	3

Year 2: 36 credit hours

Course No.		Credit Hours
PERS 1400	Concepts of Recreation and Leisure	3 <i>revision</i>
PERS 2100	Introduction to Professional Practice	3
PERS 2200	Program Planning Principles	3
KIN 2320	Human Anatomy	3
KIN 2330	Biomechanics	3
PHED 2550	Growth and Motor Development	3
	Required Experiential Learning Courses:	
PHED 2710	Human Movement Principles	3
PHED 2720	Developmental Games and Activities	3
PHED 2730	Gymnastics, Dance and Rhythmic Activities	3
PHED 2740	Fitness Theory and Practice	3
	Teachable Minor	6
	<u>Elective</u>	<u>3 revision</u>

Year 3: 36 credit hours

Course No.		Credit Hours
PERS 3100	Inclusive Physical Activity and Leisure	3
PERS 3460	Sociology of Physical Activity and Leisure	3
PHED 3360	Culturally Relevant Physical Education and Health	3
KIN 3450	Motor Learning	3
KIN 3470	Exercise Physiology	3
KIN 3512	Principles of Fitness Training	3
	Required Experiential Learning Course:	
PHED 3710	Active Health and Human Potential	3
	Faculty Electives	9
	Must include 2 or 3 of the following Experiential Learning Courses (ELCs):	
PHED 2400	Coaching Theory and Practice (3)	
PHED 2402	Advanced Coaching Theory and Practice (3)	
PHED 3102	Aboriginal Song and Dance (3)	
PHED 3740	Resistance Training and Conditioning (3)	
PHED 3750	Lifestyle Activities (3)	
PHED 3760	Diverse Populations Mentorship (3)	
PHED 3770	Aboriginal Games and Activities (3)	
PHED 4710	Outdoor Education (3)	
REC 4720	Wilderness Adventures (3)	
	Teachable Minor	6

Program Requirements: Bachelor of Recreation Management and Community Development

Year 1 - University 1: 30 credit hours

Course No.	Credit Hours
PERS 1200 Physical Activity, Health and Wellness	3 <i>revision</i>
PERS 1300 Introduction to Leisure Travel	3
PERS 1400 Concepts of Recreation and Leisure	3
PERS 1500 Foundations of Physical Education and Kinesiology	3 <i>revision</i>
PSYC 1200 Introduction to Psychology	6
W Written English Requirement	3
STAT 1000 Basic Statistical Analysis 1	3
Electives	6 <i>12 revision</i>

Year 2: 30 credit hours

Course No.	Credit Hours
SOC 1200 Introduction to Sociology	6
PERS 2100 Introduction to Professional Practice	3
PERS 2200 Program Planning Principles	3
PERS 3350 Introduction to Research	3
REC 2400 Management and Marketing of Leisure Services	3
REC 3090 Foundations of Sustainable Nature-Based Tourism	3
REC 3850 The Planning of Recreation Areas and Facilities	3
Electives	6

Year 3: 30 credit hours

Course No.	Credit Hours
PERS 3100 Inclusive Physical Activity and Leisure	3
PERS 3340 Philosophy of Physical Activity and Leisure	3
PERS 3480 Sociology of Physical Activity and Leisure	3
REC 3200 Advanced Program Planning and Research	3
REC 4070 Community Development and the Leisure Delivery System	3
REC 4XXX Advanced Recreation Electives	6
Electives	9

Year 4: 30 credit hours

Course No.	Credit Hours
PERS 4100 Current Issues	3
REC 4XXX Advanced Recreation Electives	6
Electives	21*

I.H. Asper School of Business, Faculty of Management

Modifications:

ACT 3230 Actuarial Models 2 Cr.Hrs. 3 0.0
(Formerly 010.323) Intermediate and advanced concepts respecting the quantification of the financial impact of contingent payments. Not to be held with the former 010.348. Prerequisite: ACT 3130 (or 010.313) (C+).

ACT 4060 Actuarial Aspects of Investment Practice Cr.Hrs. 3 0.0
(Formerly 010.406) This course examines stochastic interest rates and tools and techniques for coping with general product issues in asset/liability management. May not be offered every year. Students may not hold credit for both ACT 4060 (or 010.406) and the former 010.448 Topic Asset/Liability Management. Prerequisites: [FIN 2200 (or 009.220) (C+)] or consent of instructor.

NET CHANGE IN CREDIT HOURS: 0.0

Faculty of Medicine

Program modifications:

The faculty is proposing a renewed curriculum for the Undergraduate Medical Education Program, including modifications to the curriculum framework, curricular content, delivery, performance and evaluation. The faculty will provide a second report on the curriculum renewal upon full implementation of the proposed educational governance model and subsequent development of course content by the educational leadership.



**PROPOSAL FOR RENEWED
UNDERGRADUATE MEDICAL EDUCATION (UGME)
PROGRAM CURRICULUM**

**Prepared by the Faculty of Medicine
Undergraduate Medical Education Program
Curriculum Management Committee
For the
Senate Committee for Curriculum and Course Changes**

September 2012



UNIVERSITY
OF MANITOBA

September 14, 2012

Mr. Jeff Leclerc
Secretary, Board of Directors, University of Manitoba

Harvy Frankel, M.S.W., Ph.D.
Chair, Senate Committee for Curriculum and Course Changes, University of Manitoba

Dear Mr. Leclerc and Dr. Frankel:

Re: Proposal for Renewed UGME Program Curriculum, Faculty of Medicine

Please find attached the Faculty of Medicine proposal to improve the way the undergraduate medical education (UGME) program is delivered over the four years of the curriculum, for review of the Senate Committee for Curriculum and Course Changes. We anticipate the Faculty will provide a second report to this Committee upon full implementation of the newly proposed educational governance model and subsequent development of the course content by the educational leadership.

Curriculum renewal is the Faculty's major undergraduate initiative, driving improvement in all aspects of curricular content, delivery, performance and evaluation. The proposed curricular framework for 2013 maintains the required curricular content to meet standards of accreditation and student certification exams, but addresses student and accreditation concerns re: logical sequencing and integration of the curriculum within and across the academic periods of study. The proposed curriculum also begins to address the recommendations for change to medical education outlined by the Association of Faculties of Medicine of Canada, in their 2010 report, *Future of Medical Education in Canada*. At this time, we anticipate no additional resources from the University will be required for curriculum renewal.

This renewed curriculum framework was approved by the UGME Curriculum Executive Committee, UGME Program Management Committee, and was presented at a Faculty Forum on February 28, 2012. The proposed framework was formally approved at the Faculty of Medicine Dean's Council on June 11, 2012, and the Faculty Executive Council on June 12, 2012.

Please contact me at any time if you have any questions or concerns.

Thank you for your support.

Yours Truly,

Brian Postl, MD, FRCPC
Dean, Faculty of Medicine
Bp/kh
Attach.

c.c. Dr. Ira Ripstein, Associate Dean, UGME
Dr. Keevin Bernstein, Director, UGME Curriculum Renewal

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UNIVERSITY OF MANITOBA – FACULTY OF MEDICINE

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

ABBREVIATIONS and ACRONYMS

ACLS	Advanced Cardiac Life Support course	KD	Kidney/Nephrology course
AE	Anaesthesia	JC	Junior Clerk
AFMC	Association of Faculties of Medicine of Canada	LCME	Liaison Committee on Medical Education
AN	Anatomy	LM	Laboratory Medicine
BC	Biochemistry	M0-M7	Modules 0 to Module 7 (new framework)
BL	Blood and Lymph course	MCAT	Medical College Admissions Test
CACMS	Committee on Accreditation of Canadian Medical Schools	MCCQE	Medical Council of Canada Qualifying Exam
CaRMS	Canadian Resident Matching Service	MD	Medicine Degree Program
CBL	Case based learning	MH	Medical Humanities Course
CGQ	AAMC-AFMC Medical School Canadian Graduate Questionnaire	MITER	Mid-In-Training Evaluation
CH	Community Health	MM	Medical Microbiology
CHP	Clinical Health Psychology	MMSA	Manitoba Medical Students Association
CHS	Community Health Sciences	MSK	Musculoskeletal course
CIS	Curriculum Information System	MSR	Multiple Specialty Rotation
CLSF	Clinical Learning and Simulation Facility	NBME	National Board of Medical Examiners
COE	Committee on Evaluation	NE	Neurosciences course
CMS	Curriculum Management System	OB/GYN	Obstetrics/Gynecology
CP4	Composite Clinical Presentations (four categories over 4 years, Med I to Med IV)	OP	Ophthalmology
CS	Clinical Skills	OPAL	Online Portal for Advanced Learning (UGME curriculum mgmt system)
CuRe	Curriculum renewal	OSCEs	Objective Structured Clinical Examinations
CV	Cardiovascular course	PA	Pathology
DM	Dermatology course	PC	Pharmacology
EM	Endocrine and Metabolism course	PCC	Preclerkship Committee
ER	Emergency Medicine	PD	Pediatrics
ET / ENT	Ear, Nose and Throat course	PF	Preclerkship, Formative
FEC	Faculty Executive Council	PH	Population Health course
FITER	Final In Training Evaluation Report	PR	Problem Solving course
FM	Family Medicine	PS	Psychiatry
FMEC	Future of Medical Education in Canada, 2010 report of the Association of Faculties of Medicine of Canada	PSu	Preclerkship, Summative
FoM	Faculty of Medicine	PY	Physiology
GI	Gastrointestinal course	RD	Radiology
GIM	General Internal Medicine	RP	Reproduction course
GN	Genetics	RS	Respiratory course
HD	Human Development	SC	Senior Clerk
IM	Immunology	SF	Structure and Function course
IN	Internal Medicine	SG	Surgery
IST	Information Services and Technology	ST	Survival Tactics course
IT	Information Technology	TBL	Team based-learning
ITC	Introduction to Clerkship	TTC	Transition to Clerkship
ITER	In Training Evaluation Report	TTR	Transition to Residency
		UGME	Undergraduate Medical Education
		U of M	University of Manitoba
		WRHA	Winnipeg Regional Health Authority

Executive Summary

Undergraduate Medical Education (UGME) curriculum renewal (CuRe) is vital to the future of the Faculty of Medicine. It is critical that this reform occurs on an ongoing basis to ensure the Faculty meets accreditation standards and keeps pace with global health care, public expectations and needs and educational theory. The changes proposed mirror steps taken by other universities.

Since late 2010, the UGME Program has undertaken an exhaustive CuRe process involving 150+ members of the Faculty and students through surveys, focus groups, workshops, task groups, literature reviews, faculty wide fora and committees. The outcome of this process is a renewed undergraduate curriculum that is contemporary, rational and flexible, with the goal of meeting, if not exceeding the accreditation standards set forth by the Liaison Committee on Medical Education (LCME) and the Committee for Accreditation of Canadian Medical Schools (CACMS) as well as the recommendations for MD programs noted by the Association of Faculties of Medicine of Canada (AFMC) in their Future of Medical Education in Canada report of 2010¹. The CuRe process, led by the Director of Curriculum Renewal, Dr. Keevin Bernstein, has worked assiduously over the last two years to develop the renewed curriculum. This process has been overseen by the Associate Dean, UGME, as well as the UGME Curriculum Renewal Steering Committee

On schedule for implementation in the Fall of 2013, for class of 2017, the changes in the UGME curriculum framework will include:

- Reorganization of curricular content into a spiral curriculum, to promote consolidation of learning, i.e. better integration and sequencing of curricular content within and between Preclerkship Years I and II and Clerkship Years III and IV
- Scaffolding of learning through a proposed restructured Preclerkship, which will include:
 - Years I and II to be called Module 0 (M0) through to *Consolidation* Module 3.
 - Year I will start with *M0, Foundation of Medicine*, a 4 week unit covering the basic sciences relevant to the study and practice of medicine, and for the understanding of subsequent *Health and Disease* modules; predominantly lectures provided by the basic science departments.
 - The next two modules will be M1 and M2 *Normal Human Biology and Health*; will cover a number of systems at first in *health* (Module 1) and then again, when these systems are altered in *disease* (Module 2). Individual units in *Health* will be designated as Systems I (e.g. Cardiovascular I) topics and those covered later in *Disease* will be Systems II (e.g. Cardiovascular II).
 - M3, a 10 week Consolidation Module to conclude Preclerkship, to facilitate integration of all the Preclerkship content.
- A reorganized Clerkship, Med Years III and IV to be called Modules 4 through Module 7:
 - Will provide clerks with opportunities to consolidate knowledge through planned educational “intersessions” or structured academic time coordinated centrally by the UGME office.
 - M4 will be an abbreviated introduction to Clerkship called *Transition to Clerkship* with Clerkship culminating in a final module called M7 *Transition to Residency*.

¹Association of Faculties of Medicine of Canada, “Future of Medical Education in Canada (FMEC): A Collective Vision for MD Education”, 2010

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

- Introduction of new longitudinal courses and longitudinal themes, over Med I to IV, to improve integration and sequencing of content, and reduce unplanned redundancy and gaps. Each course and theme will have an educational lead responsible for content integration over the four years.
 - The linchpin will be the *Clinical Reasoning* longitudinal course, integrating components of the *Health and Disease modules*, and experiential learning in the community. This will replace the current Problem Solving and Reasoning (PR) course.
 - Several Longitudinal Courses designed to assist with increasing the community focus and social accountability of the MD program. Student activities will be integrated into the longitudinal courses to promote many of the FMEC recommendations such as equity, Indigenous health, leadership, and other aspects of professionalism.
- Identification of approximately 130-135 representative key clinical or health care issues, labeled “Composite Clinical Presentations (CP4)”, divided into four categories, that students will be expected to be able to ‘manage’ by the end of the four years of the UGME curriculum.
- Reorganized educational leadership for Preclerkship and Clerkship modules, to facilitate curriculum governance:
 - A revised governance/funding model creating a hybrid system coordinated between UGME and academic clinical departments and the WRHA, which will allow for more central control of the MD program curriculum.
 - Curricular governance/management processes for various thematic areas in the curriculum, to promote integration of these areas over the four years of the curriculum and avoid curricular drift. (i.e. Generalism, Geriatrics, Health care systems/safety, Information Sciences, Interprofessional Education, Pediatrics, Palliative care, Social accountability and equity)
 - Reduced number of faculty providing lectures during Preclerkship to improve continuity and integration. (currently there are over 930 individual teachers in the two Preclerkship years)
 - A dedicated, educational leader for every course within a module, with responsibility for content over all four years.
- More frequent, formative examinations with less dependence on high stakes end of block exams, in addition to a midterm exam for all Preclerkship courses.
- A curriculum evaluation process, to measure the effects of these changes, and make recommendations for improvement on an ongoing basis (this will include both process, and impact/outcome evaluation)
- Enhanced and focused faculty development to support ongoing needs of educational leaders and teachers of medical students

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Rationale for Change

The medical education program leading to the MD degree is a four year program, two years of Preclerkship followed by two years of Clerkship spent in clinical settings in direct contact with patients and members of the health care team, in which students gain experience with increasing responsibility for patient care and management.

Currently, Preclerkship subject matter is divided into learning “blocks” which cover core concepts in health and medicine, human development and body systems. Six Longitudinal courses during the two Preclerkship years include Clinical Skills, Problem Solving, Medical Ethics and Humanities, Laboratory and Investigative Medicine, and Survival Tactics, and are integrated into a total of six learning blocks.

From student, instructor and course director feedback, the current undergraduate curriculum is not optimally integrated, neither horizontally in terms of content covered within each year, nor vertically between years. Scaffolding, or building on/integrating previous knowledge is limited, as each organ system is currently taught once as a single unit, frequently in isolation, with some major systems not covered until late in the second year of the program.

The first two blocks of Med I are viewed by stakeholders as fragmented. In particular, the course *Structure and Function*, which attempts to provide an overview of all the body’s systems is not seen to provide the foundational knowledge required for future learning. This lack of curricular integration was also noted in October 2011 in the joint accreditation letter from the Liaison Committee on Medical Education and the Committee for the Accreditation of Canadian Medical Education Accreditation, the accrediting bodies for North American medical schools.

In addition, it has been noted that Preclerkship and Clerkship could be better integrated/transitioned, and concerns have been identified with the current organization of the Clerkship. For example, no formal overarching Clerkship curriculum exists which would promote both horizontal and vertical integration, such as a structured review of the scientific basis of medicine or review of important clinical skills. It is our belief that the proposed framework for a new curriculum will address all these issues.

Finally, there is a need for more structure in curriculum governance and leadership, to reduce ‘curriculum drift’ and clarify reporting relationships. The revised governance as it relates to curriculum renewal include: streamlining the number of instructors, clearer delineation of teaching responsibilities, improved coordination and communication between instructors and departments, and a standardized remuneration for, and enhanced recognition of, the teacher role within the Faculty.

Foundational Principles/Conceptual Framework:

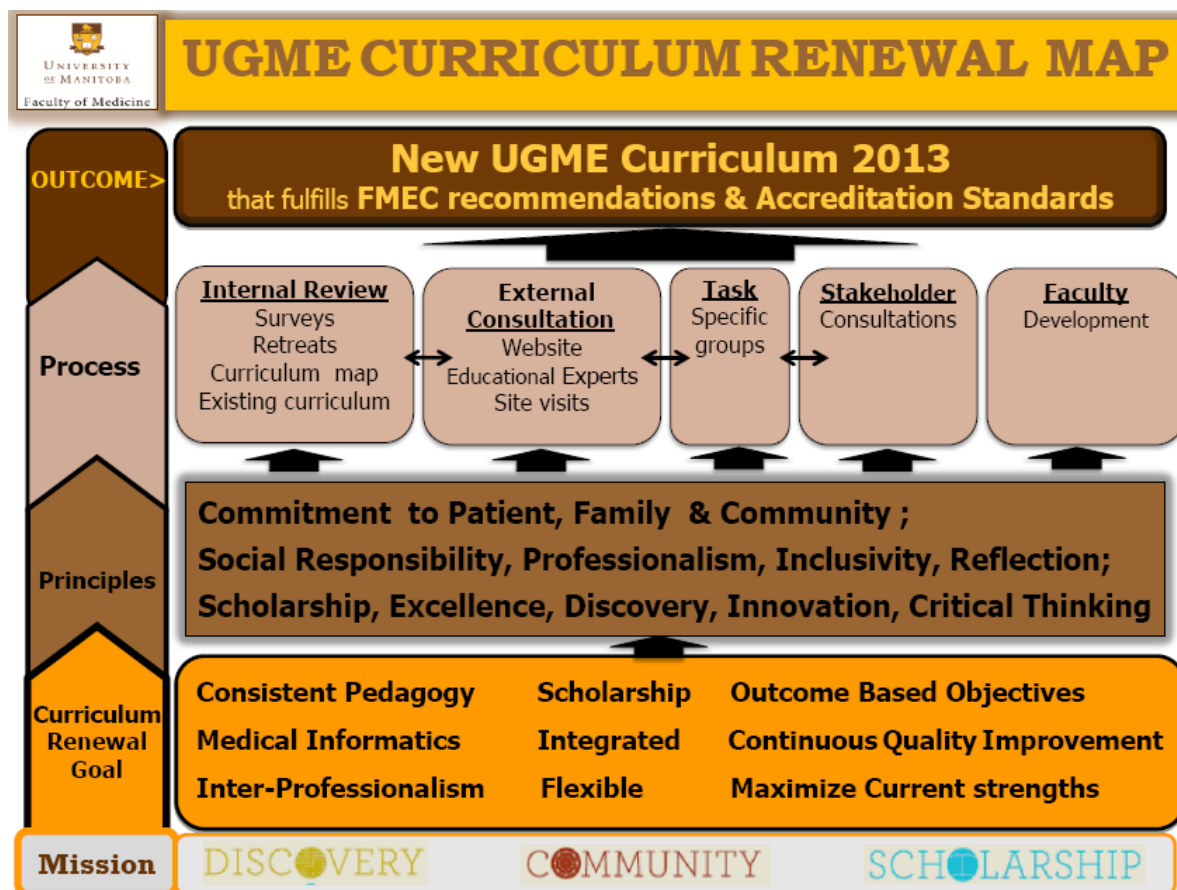
The conceptual framework for curriculum renewal against which success will be measured, states that the Faculty will:

- Train Physicians for the 21st century with a learner centered curriculum that will fulfill (or exceed) UGME global objectives, the 2010 *Future of Medical Education in Canada* ten recommendations and LCME/CACME accreditation standards.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

- Create a fully integrated spiral scaffolding curriculum throughout four years that is *Person or Patient to Community Centered* (rather than departmentally and/or system centered) focused on the UGME mission of Discovery, Community and Scholarship.

The UGME Curriculum Renewal Concept Map illustrating the foundational principles, follows:



Background and Review of Process To Date

The Faculty undertook a three pronged process with reviews of curricular change literature, reviews of other universities' undergraduate medicine curricular renewal processes, and an in-depth review of our existing curriculum. Specifically, curriculum renewal has been informed by:

- Reviews of the UGME curriculum by Drs. Casiro and Kristjanson (2000) and Moineau (2008)
- Accreditation consultation visit from the Secretaries of LCME and CACMS - March 2010
- Mock accreditation survey visit documentation and surveyor feedback, October 3-6, 2010
- A Comprehensive faculty-wide UGME needs assessment survey, November 2010
- Student Accreditation reports, November 2009, July 2010, April 2011 and June 2012
- Internal reports prepared for the April 3-6, 2011 UGME accreditation survey, over 2010-2011
- UGME Curriculum Renewal Spring retreat, with presentations from visiting faculty from Canada (University of Toronto) and USA (Mayo Medical School) as well as small group work focusing on the Future of Medical Education in Canada (FMEC) recommendations, April 2011
- Faculty consultations, focus groups - June 2011

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

- Ongoing student course and rotation feedback; annual student curriculum evaluation sessions 2010 to present.

28 areas of concern were identified through the November 2010 comprehensive Faculty needs assessment. These areas were then grouped into 11 themes, which formed the basis for the creation of a key curriculum renewal activity i.e. the establishment of 11 focused task groups.

The 11 Task Groups included the key topic areas of:

1. Curricular Framework;
2. Pedagogical approaches;
3. Integration;
4. Information Literacy & Informatics;
5. Teaching Clinical Skills;
6. Scientific Basis of Medicine;
7. Health Care Systems and Quality;
8. Social Accountability Framework
9. Experiential and Diversified Learning
10. Generalism
11. Professionalism.

A chairperson was selected for each of the task groups from the CuRe Steering Committee membership, and a co-chair was recommended from broader faculty membership (i.e. not a working group member) with an interest in the specific area. Participation was solicited through a broad call out to the Faculty of Medicine to ensure all faculty members had an equal opportunity to participate. A librarian was assigned to each task group to assist with data gathering/literature review.

Student and resident commitment to the process has been exemplary. The recent June 2012 Medical Student accreditation survey included a question regarding curriculum renewal. 58.2% of student respondents indicated they *agreed/strongly agreed* that they are informed of the process, while 63.4% *agreed/strongly agreed* that they have had the opportunity to participate in the curriculum renewal process (N=221 of 433 Med I to Med IV).

Each task group was asked to:

- Gather data pertinent to their area of focus
- Discuss findings and reach a consensus for recommendations for the curriculum
- Prepare a report of recommendations for the renewed curriculum
- Present findings to the Faculty, which took place from July 2011 to December 2011, followed by a series of Faculty-wide presentations.

A Curriculum Renewal Executive (CuReX) Committee formed from the Curriculum Renewal Steering Committee has been meeting since November 2011, to dissect and collate ideas presented by the 11 CuRe Task Groups, and to draft a new curriculum framework. The proposed framework was presented February 28, 2012 at a Faculty-wide forum and has been approved by the requisite UGME and Faculty Committees.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

The Faculty is at the point of finalizing the governance and funding model to support the new curriculum, with the hiring of the educational leaders, anticipated to be completed by October 2012.

Once all the educational leaders are in place these leaders will convene under the leadership of the Director, Faculty Development, Department of Medical Education, for faculty development required for curriculum renewal. The first task will be establishing a Preclerkship weekly template so all courses are organized around a consistent pedagogical approach.

Each new curriculum content leader will establish a 'course' committee to further develop their 'course', which may include revising learning objectives, appropriate sequencing of content, and confirming the methods of teaching (e.g. didactic, small group, laboratory, clinical skills, independent learning etc.) . All of this will ensure standards and examination requirements continue to be met.

Details of the Proposed Curricular Framework – Changes and Comparison To Current

A comparison of the current curriculum framework to the proposed curriculum for 2013 is included on page 13. The core content of the curriculum is mandated through accreditation standards and through examination of knowledge and skills required for certification, however, the method of delivery, frequency of examination, and sequencing of the content will be changed. The most significant changes include:

1. Preclerkship (Med I & II) - move from Blocks to four modules M0 – M3, scheduled in the mornings:
 - *Module 0 Foundation of Medicine*: basic sciences relevant to the study and practice of medicine, and for understanding future Health and Disease modules.
 - *Module 1 Human Biology and Health*: Normal human biology and health, by organ systems
 - *Module 2 Health and Disease*: Abnormal processes and disease, mostly by organ systems
 - *Module 3 Consolidation*: at the end of Med II to ensure content from previous modules and longitudinal courses are assimilated.
2. Expansion of number of longitudinal “courses” linked to modules, threaded though the four years, each with faculty leaders, linked to coinciding Health and Disease modules scheduled in the afternoons, including: 1) Clinical Reasoning; 2) Professionalism/Doctoring; 3) Clinical Skills to Community Clinics; 4) Community Health/Epidemiology; 5) Indigenous Health; and 6) Scholarly Activity.
 - The linchpin will be the *Clinical Reasoning* longitudinal course, which will integrate components of the *Health and Disease modules* with the experiential learning in the community. This will replace the current Problem Solving (PR) course.
 - Several Longitudinal Courses have been designed to assist with increasing the community focus and social accountability of the MD program. Additionally, student activities will be integrated into the longitudinal courses to promote many of the FMEC recommendations such as equity, Indigenous health, leadership and other aspects of professionalism.
 - Early participation in community clinics for Preclerkship students is planned to provide exposure to longitudinal care that is either patient or family centered for chronic diseases. This will either be one on one with health care providers or done as an interprofessional education initiative.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

3. Clerkship (Med III & IV) - Reorganization around four modules M4-M7:
 - *Module 4: Transition to Clerkship (TTC)* – previously five weeks, and called Introduction to Clerkship, now 2-3 weeks, with introduction of topics relevant to all Clerkship rotations. (e.g. common procedures, universal precautions, managing emergencies, practice improvement, working on a medical ward, etc.).
 - *Module 5 & 6:*
 - Clerks will be designated as *junior* year 3 (Module 5) and *senior* year 4 (Module 6)
 - M5 will see a reorganization of the core rotations into four 12 week blocks: combining Surgery and Anesthesia, Internal Medicine and Emergency Medicine, Family Medicine and Psychiatry, and Pediatrics and Obstetrics and Gynecology.
 - Within each block, where possible, clinical activity will be reorganized to facilitate integration, and within each block, will be jointly organized, structured academic time.
 - Increased ambulatory care in all rotations.
 - Introduction of scheduled *intersessions* or structured generic academic time coordinated centrally by UGME, bringing all students together independent of rotation. This will include review and integration of both basic science and clinical concepts, and longitudinal themes. These will be scheduled either weekly or biweekly.
 - Following completion of M5, starting Med IV, the students will continue to have 17 weeks of electives leading up to their CaRMS interviews. These electives assist students in choosing postgraduate training and must be completed before their CaRMs interviews, through which they are placed in ‘mandatory’ postgraduate training (i.e. required to obtain a license to practice medicine in Canada). *Module 7: Transition to Residency (TTR)* following the CaRMS match for postgraduate positions, the students will return to a more structured curriculum preparing them for chosen residency. This will include:
 - Returning to selected core rotations such as Internal Medicine,
 - Selectives that may include a choice of Palliative Care, Care of the Elderly, Indigenous Health, Leadership, etc.
 - Content tailored to their chosen residency.
 - Return to formal sessions on selected basic science topics and
 - Preparation for Medical Council of Canada licensure exam.
4. Introduction of Composite Clinical presentations (CP4): Throughout all four years of the MD program, approximately 130-135 “patient related” clinical presentations will be introduced. These presentations will be categorized in one of four areas: (1) Patient presenting Symptoms or Signs, (2) Lab Abnormalities (3) Factors Affecting Health and (4) Health Conditions. These will run parallel to the new curriculum, creating cross references to course/units punctuated at two points (at the end of year 2 in *Consolidation Module 3*, and at the end of Med IV in *Transition to Residency Module7*). See **Table 7**, page 20 for complete CP4 listing.
5. Introduction of Longitudinal “Themes”: are not “courses”, but have curricular content to be integrated throughout the four years (i.e. Generalism, Geriatrics, Information Sciences, Pediatrics, Palliative care, Health Care Systems/Safety, Interprofessional Education, and potentially others). Each theme will also have a faculty appointed leader with a position description to ensure continuity and integration across all years.

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6. Continued Student evaluation of every unit/module, including Longitudinal Courses designated as a “course” building on the current successful process of evaluation of blocks and clerkships required of students using the OPAL curriculum management system, using a modified SEEQ format.
7. Modified Student Assessment: More frequent, exams that are course based not block based, and elimination of end of block high stake exams. Introduction of midterm exams for all courses.
8. A revised educational leadership and teacher funding model, to support the new curricular framework. This model has been approved at the Faculty level. Full report of the new governance model available on the UGME Curriculum Renewal website.
Link: <http://umanitoba.ca/faculties/medicine/education/undergraduate/curriculum/curriculumrenewal.html>

Program Objectives

The desire to have UGME overarching core competencies that transition from undergraduate to postgraduate residency training resulted in the objectives of the UGME program being revised in 2010 using the seven Royal College of Physicians and Surgeons of Canada/College of Family Physicians of Canada CanMEDS-FM Roles framework. The objectives were formally approved in the first quarter of the 2010/2011 academic year.

The UGME objectives were organized around seven primary, albeit overlapping, CanMEDS-FM roles or areas of responsibility. These roles, are believed to be foundational for the practice of medicine. The roles are: 1. *Medical Expert*; 2. *Communicator*; 3. *Collaborator*; 4. *Manager*; 5. *Health Advocate*; 6. *Scholar*; and 7. *Professional*. The overarching UGME objectives have been included in **Appendix 1**. Currently, the directors of Preclerkship courses and Clerkship rotations were required to write objectives for their course and rotations which are mapped back to one or more of the seven overarching UGME overarching objectives, to identify gaps and redundancies.

With the renewed curriculum, the seven overarching core competencies will remain. Curriculum renewal is not changing medically relevant curriculum content, only its organization and delivery. However, the overarching UGME objectives will be reviewed prior to developing the revised course objectives to ensure clarity in wording, and comprehensiveness.

The more significant revisions will be at the course and clerkship level, where objectives may need to be rewritten due to changes in the sequencing and organization of courses/clerkships (for example currently all content related to the endocrine system is taught in one – six week block, whereas with the new curriculum, this content will be divided, with normal endocrine function taught in the module ‘human biology and health’ and content related to disordered endocrine function taught in the module ‘health and disease’).

This re-organization of the content allows the student to learn and comprehend the inter-relatedness of human systems, and therefore can appreciate the effect a disorder in one system can have on another system more intuitively. More importantly this change allows a spiral curriculum structure that reinforces and consolidates learning at various points in the program.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

PROPOSED UGME CURRICULUM 2013*												
YR	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Mar/Apr	May	June	July & Aug	
1	Mod.0 (4 wks) Found'n of Medicine	Module 1 Normal Biology & Health (24 weeks) Normal human biology & health organized by organ system						Module 2 Health & Disease (of 34 weeks – approx. 8 weeks in Med I) Abnormal disease and processes by organ systems; + Rural Week (1 wk)				
		Clinical Skills (CS)										
		Clinical Reasoning (CR)										
		Professionalism/Doctoring										
		Community Health/Epidemiology										
		Indigenous Health										
		Scholarly Activity										
2	Module 3 Health & Disease (34 weeks – approx. 26 weeks in Med II) Abnormal disease and processes by organ systems	Module 4 Consolidation (10 weeks) Small group, CR clinical sessions; ensure M0-M2, & longitudinal content learned										
		Clinical Skills (CS)										
		Clinical Reasoning (CR)										
		Professionalism/Doctoring										
		Community Health/Epidemiology										
		Indigenous Health										
		Scholarly Activity										
PRECLERKSHIP MED YEAR I & II TOTAL 72 WEEKS												
3	Module 5 Transition to Clerkship (TTC) (2-3 wks)	Module 6 Core Clerkship Rotations 48 weeks: Internal Medicine/Emergency Medicine – 12 weeks; Surgery/Anesthesia – 12 weeks; Pediatrics/OBGYN – 12 weeks; Family Medicine/Psychiatry – 12 weeks										
		CLERKSHIP MED YEAR III TOTAL 51-52 WEEKS										
4	Module 7: Clerkship: Electives (17 weeks)	Module 8: Transition to Residency (10 weeks) Advanced Cardiac Life Support (ACLS) Medical Council of Canada Qualifying Examination (MCCQE) Part I Review Residency Prep										
		CLERKSHIP MED YEAR IV TOTAL 27 WEEKS										
Other Curricular Elements: Longitudinal Themes: interwoven through modules, with dedicated theme 'directors' : Generalism, Geriatrics, Health care systems/ safety, Information Sciences, IPE, Pediatrics, Palliative care, Social accountability and equity; these will bridge several longitudinal courses and modules. CP4: Composite Clinical Presentations Year1-4: 130-135 presentations categorized in one of 4 areas (1) Symptoms or Signs, (2) Lab abnormalities (3) Factors Affecting Health; (4) f Health Conditions, running parallel to curriculum creating cross references to course/units punctuating at two points (end of year 2 in Consolidation Module 3, and year 4 end, Transition to Residency Module7).												

***For 2013, opportunity to participate in voluntary, BScMed. Program will continue over summer months, although not shown on this table.**

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An example of how the proposed 2013 curricular content for Preclerkship modules M0 to M3/Med. Years I and II could be scheduled is outlined below. The outline reflects the similar Preclerkship curricular content as in the current curriculum, but is much better organized, integrated and “scaffolded” to build on material previously learned.

JULY 23 2012		UGME CuRe Preclerkship M0-M3: Health and Disease Modules		
Y1	■ Normal Biology and Health		wks.days (w. 2 days eval)	Approximate dates
	M0	• FOUNDATION	4 --- 2013	Aug 26- Sept 20
M1		1. Blood & Immunology I (+ Skin I)	3 -----	Sept 23 - Oct 11
		2. CV I & Resp (+ ET) I	5 -----	Oct 14 - Nov 15
		3. Neurobiology I(Psych, Neuro + Opth)	4.3 -----	Nov 18 -Dec 18 Dec break
		4. Musculoskeletal I	2----2014	Jan 6 - Jan 17
		5. Endocrine I & Reproduction I	4-----	Jan 20- Feb 14
		6. GI/ Nutrition I & Renal I	4-----	Feb 17 - Mar 14
TOTAL 26.3			Reading week Mar 17- 21	
Y2	■ Health and Disease			
	M2			
Y2		1. Intro to ID/Intro Oncology	2.0-----	Mar 24 – April 4
		2. Blood & Immunology (+ autoimmune diseases) II	3.0-----	April 7 - April 25
		3. CV II	4.0-----	April 28 - May 23
			Rural week-----May 26 - 30	
		4. Resp + ET II	4.0-----	Aug 25 - Sept 19
		5. Endocrine II	3.0-----	Sept 22 - Oct 10
		6. Reproduction II	3.0-----	Oct 13 - Oct 31
		7. GI & Nutrition II	3.0 -----	Nov 3 - Nov 21
		8. Renal II	3.0 +3d----	Nov24 – Dec 18 Dec break
		9. Neurobiology II (Psych, Neuro, Opth)	6.0 -- 2015	Jan 5 –Feb 13
M3		10. Musculoskeletal II & Skin II	4.0-----	Feb16- Mar13
			Reading week----- Mar 16 - 20	
	M3	■ CONSOLIDATION	10.0 -----	Mar23- May 29
PRECLERKSHIP TOTAL WKS:			72.3	

Pedagogical Approaches and Modes of Delivery: Modules, Longitudinal Courses and Composite Clinical Presentations

In the review of the current curriculum, the method of delivery and proportion of time reviewed for the Preclerkship courses (**Table 1**) illustrating a wide variation in approaches between courses that seemed independent of course content/learning outcomes desired.

To ensure a more consistent approach to assist the educational leaders, proposed course, pedagogical approach and weekly templates have been developed by CuREx. These will be discussed and revised with newly appointed educational leaders for the first faculty development session. The proposed templates for Preclerkship Modules 1 and 2, Normal Biology and Health and Health and Disease Courses, are included on the following pages in **Tables 2 to 6**.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Table 1: Comparison of Pedagogical Approach by Preclerkship Course – the task for educational leaders will be to decide on an optimal approach for the delivery of course content, and review data on student performance outcomes and satisfaction feedback from students noted on course evaluations.

Pedagogical breakdown by major preclerkship course %

%	Lectures	Assigned Studies	Small Group	Other (lab, IT)
CV	58	8	30	4
Resp	48	11	30	4
EM	68	5	24	3
KD	36	13	44	7
RP	73	5	10	12
NE	66	2	17	15
MS*	61	4	21	14
GI	58	11	11	19
BL	41	20	34	5
RANGE	36-73	2-20	11-44	3-19

* 2010

3/12/2012

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Tables 2 & 3: Proposed Schedule Templates for Preclerkship Modules 1 & 2

UGME MODULE 1 June 2012

	Monday	Tuesday	Wednesday	Thursday	Friday
9-10	Whole group sessions:	Whole group sessions:	Whole group sessions:	Whole group sessions:	Labs: anatomy or Simulation Small group 160 minutes divided by 2, 3 or 4
10-11	Unit specific Activity	▪160 minutes divided by 2, 3 or 4	Unit specific Activity	Unit specific Activity (2 hrs)	
11-12	Small group sessions: (2 hrs)	▪ Didactic, TBL, T1 with Iclickers	Small group sessions: (2 hrs)		
12-13		Break		Break	Break
13-14	Break	Clinical Reasoning (1 hr)	Break	Clinical Reasoning (2 hrs)	Self study time
14-15	Self study time	Longitudinal courses: 3 hrs (≤1 hr didactic lecture)	Clinical Skills (3 hrs)		
15-16				Longitudinal courses (2 hrs)	
16-17					

UGME MODULE 2 June 2012

	Monday	Tuesday	Wednesday	Thursday	Friday
9-10	Whole group sessions: ▪160 minutes divided by 2, 3 or 4 ▪ Didactic, <i>TBL</i> , T1 with Iclickers	Labs: anatomy or Simulation Small group 180 minutes divided by 2, 3 or 4	Small group sessions: (2 hrs)	Whole group sessions	Small group sessions: (2 hrs)
10-11				Unit specific Activity (2 hrs)	
11-12				Whole group sessions	
12-13	Break	Break	Unit specific Activity	Break	Unit specific Activity
13-14	Clinical Reasoning (1 hr)	Clinical Skills (4 hrs)	Break	Longitudinal courses (2 hrs)	Break
14-15	<i>Self Study time</i>		Longitudinal courses: 3 hrs (≤1 hr didactic lecture)		Clinical Clinical
15-16				Clinical Reasoning (2 hrs)	
16-17					

Table 4: Proposed Preclerkship Pedagogical Template

UGME MODULE 1 and 2 Template

17 hours/week :

	<u>Hours</u>
▪ Whole group sessions – didactic/TBL/T1(iclickers)/online	6
▪ Small group – tutorial T6-14/CBL/ clinical skills/experiential	7
▪ Unit Specific Activity which could be any of :	4
• Whole group	
• Small group	
• Assigned studies:	
• Objectives	
• Specific assignments	
• Plan for assessment & feedback	
• tutorial or online	

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TBL = Team based learning

CBL= Case based learning

Tutorial – generic term for small group with preceptor which may be

- CBL
 - review of concepts with expert or non expert facilitator,
 - clinical skills with sim, standardized or real patient
 - experiential learning
 - peer learning
 - reflection

3/12/2012

Table 5: Example of Application of Pedagogical Template to Preclerkship Module 1


	UGME CuRe 21st century: Pedagogical Template
	<p><u>Normal Health & Disease Modules</u> : 17 hrs /week- AMs</p> <ul style="list-style-type: none"> ▪ Lectures: Introductions; interdisciplinary ; summaries Proportion, role & number of lecturers ▪ Independent learning: role <ul style="list-style-type: none"> ▪ Assigned studies ▪ Small group learning: <ul style="list-style-type: none"> ▪ Tutorials: <ul style="list-style-type: none"> ○ cases or questions ○ apply content ○ apply critical thinking ○ evidence based with references ▪ Case Base Learning ▪ Team Based Learning ▪ Online learning ▪ Peer teaching ▪ Link to Clinical skills/simulation/early exposure ▪ Student Assessment- formative & summative
	<p><u>Longitudinal Courses</u> : 11hrs /week- PMs</p> <ul style="list-style-type: none"> ▪ Clinical Skills - 3 hrs ▪ Clinical Reasoning - 3 hrs ▪ Others - 5 hrs

Table 6: Example of Application of Proposed Course Template to Modules 1 & 2



 UGME CuRe 21st century: Module 1 & 2 Course Template DRAFT3	
<p>Normal Biology & Health . . . (“systems”) I</p> <p>1. Introductory lecture (2hrs)</p> <ul style="list-style-type: none"> ▪ Course objectives ▪ Overview of system/organ function ▪ Overview of anatomy and relevant structures ▪ Overview of Burden of illness ▪ Patient illustration <p>2. Normal Development & Embryology</p> <p>3. Gross Anatomy & Imaging</p> <p>4. Microanatomy (or Histology)</p> <p>5. Normal Processes</p> <ul style="list-style-type: none"> ▪ Physiology ▪ Biochemistry & Molecular biology ▪ Pharmacology <p><i>*All material (where possible) will be presented as normal contrasting to illustrations of abnormal providing clinical relevance</i></p> <p>8/31/2012</p>	<p>Human Health & Disease ... (“systems”) II</p> <p>1. Introductory lecture (2 hrs)</p> <ul style="list-style-type: none"> • Course objectives • Review of Systems I • Burden of illness <ul style="list-style-type: none"> ▪ Epidemiology ▪ Social • Patient illustration <p>2. Clinical Genetics</p> <ul style="list-style-type: none"> • Review of embryology if relevant <p>3. *Life Cycle impacts:</p> <ul style="list-style-type: none"> • Development--> pediatrics --> geriatrics <p>4. Abnormal Processes:</p> <ul style="list-style-type: none"> • Specific Abnormality or Disease pathophysiology <p>5. *With each entity :</p> <ul style="list-style-type: none"> ▪ Epidemiology ▪ Scientific Basis and anatomy review ▪ Prevention and Screening ▪ Nutrition and life style ▪ Cultural, Social and Ethical issues ▪ Natural history & prognosis ▪ Imaging ▪ Pathology ▪ Therapeutics and Disease Management ▪ Translational research & EBM ▪ Health Care System <p><i>*Either as part of system and/or parallel longitudinal course</i></p>

Table 7: Proposed Content for Longitudinal Courses

	UGME CURRICULUM RENEWAL	*CuRe Task Grp
Longitudinal Courses: Names TBA		
<ul style="list-style-type: none"> ▪ <u>Clinical Reasoning CR</u> (formerly Problem Solving) <ul style="list-style-type: none"> ▪ Information Sciences* ▪ Integration* strategies – e.g. Case of the week ▪ Pathology (e.g. mini hospitals) ▪ CP₄ ▪ <u>Professionalism*/Doctoring</u> <ul style="list-style-type: none"> ▪ Social accountability/equity* ▪ Cultural safety/diversity ▪ Humanities/Ethics/History ▪ Life Skills (formerly Survival tactics) ▪ Narrative or Arts and Medicine ▪ Decorum ▪ Interprofessional ▪ Leadership/advocacy ▪ <u>Community Health</u> <ul style="list-style-type: none"> ▪ Epidemiology ▪ Public health ▪ Health care systems * (includes Law & Med) ▪ Global Health ▪ Occupational ▪ Environmental 		<ul style="list-style-type: none"> ▪ <u>Clinical Skills *</u> <ul style="list-style-type: none"> ▪ Communication skills ▪ Physical Exam skills & diagnosis ▪ Community Clinics & Distributed learning contexts* ▪ Procedural skills ▪ Self reflection ▪ <u>Indigenous Health*</u> ▪ <u>Scholarly Activity</u> <ul style="list-style-type: none"> ▪ Basic or clinical science research ▪ Educational research ▪ <u>Themes</u> not individual courses but thread throughout curriculum with a designated leader <ul style="list-style-type: none"> ▪ Generalism * ▪ Information Science* ▪ Leadership ▪ Geriatrics ▪ Pediatrics ▪ Palliative Care ▪ Health Care Systems/Safety* ▪ Interprofessional Education

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Table 8: Composite Clinical Presentations (CP4):

Clinical Presentations CP4 UGME July 2012 DRAFT V5			
Compiled from: MCC objectives, UGME 2011		CD summer survey & UBC web	site
SYMPTOMS & SIGNS		AB NORMAL LABS	HE ALTH CONDITIONS
1abdominal mass	34hemoptysis	67acidosis	99ADHD spectrum
2abd pain: acute & chronic	35hirsutism	68alkalosis	100adrenal disorders
3allergic reactions	36hoarse voice	69hemoglobin disorders	101arthritis
4anxiety	37impotence	70calcium/phosphate/magnesium	102CVD
5ascites	38incontinence	71cardiac markers/EKG	103cirrhosis
6blunt trauma	39jaundice	72coagulation abnormalities	104cystic fibrosis
7Burns	40 joint pain-acute & chronic	73creatinine: acute & chronic	105CNS infections
8Bleeding	41 low back pain	74CXR abnormalities	106diabetes
9cardiac murmurs	42lymphadenopathy	75lipid abnormality	107eating disorders
10Chest pain	43neck mass/thyroid	76leukocyte disorders	108fungal infections
11constipation	44pain syndrome	77liver enzymes/function	109HIV/AIDS
12cough- acute & chronic	45palpitations	78potassium abnormalities	110hypertension
13cyanosis	46prostatism	79platelet disorders	111infertility
14delirium	47pruritus	80pulmonary function tests	112kidney disease-chronic
15dementia	48red eye	81sodium abnormalities	113lung disease-chronic
16diarrhea-acute & chronic	49paralysis	82urinalysis abnormalities	114malnutrition
	50pelvic pain/mass		
17diplopia	51seizures	FA CTORS EFFECTING HEALTH	
18dysphagia	52skin growths	83cigarette smoking	115menses/menopause
19dyspnea-acute & chronic	53skin rashes	84Chronic disease	116mood disorders & depression
20dysuria/UTI	54sleep disorders	85Contraception	117multiple sclerosis
21ear pain	55somnolence	86Culture	118osteoporosis
22edema	56sore throat	87WHO Determinants of Health	119pediatric emergencies
23extremity pain-acute & chronic	57syncope	88developmental pediatric delay	120palliative care
24eye trauma	58tendon rupture	89Disabilities	121pituitary disorders
25fever	59testicular swelling/pain/mass	90dysfunctional/abusive relationship	122pregnancy/ complications
26 fatigue	60tinnitus	91educational level	123psychosis
27foot ulcers	61vomiting	92elderly/frail	124suicidal behavior
28fracture/dislocation	62vision loss acute & chronic	93environmental health	125shock/resuscitation
29GI bleed	63weakness	94infectious epidemic/prevention	126sports injuries
30head injury	64wheezing- acute & chronic	95food and water security	127STD
31headache	65UT obstruction symptoms-lower	96obesity	128suicidal behavior
32hearing loss	66vertigo/dizziness	97substance abuse/addiction/alcoholism	129systemic autoimmune disorders
33hematuria		98poverty	130surgical infections
			131TB
			132thyroid disorders
			133Venous thrombosis

Underpinning the new curriculum, these will be a major curricular organizing feature throughout all four years to ensure the curriculum is fully integrated and scaffold. They have been derived through a review of content from the Medical Council of Canada (who administer the entry to practice exams MCCQE part 1 and part 2), a review of the work of the University of B.C. Medicine Program Curriculum Renewal and our own UGME Course/Clerkship Director survey in June 2011. The CP4 will form reference points throughout the MD degree, and will be specifically emphasized or cross referenced in Consolidation Module 3 at the end of Year II, and again at the end of year IV in the Transition to Residency Module 7 at the appropriate levels of expertise.

Composite Clinical Presentations over the four years of the curriculum will be new in that these specific 130+ presentations had not been previously, formally identified, although the content is covered within the current curriculum

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Modes of Assessment of Student Performance

Within the curriculum renewal initiative, the principles and processes of student assessment are being examined, led by the Director of UGME Evaluation, Dr. Barry Cohen. Dr. Cohen chairs the Faculty's Progress Committee which is responsible for providing a standardized process to identify and follow the performance of undergraduate medical students, and to serve as an advisory body to the Committees of Evaluation for Preclerkship and Clerkship.

To date, the following principles for student assessment in Preclerkship have been agreed to:

1. Student assessment must reflect course objectives.
2. Student must pass all courses
3. More frequent formative exams
4. Avoidance of high stakes, end of block exams
5. All courses will have a mid term exam and a final course test
6. Struggling students must be identified early, and remediation must be provided early.

Priorities have been identified for student assessment:

- Multiple assessments will be provided per course
- Ongoing assistance/remediation to be provided
- Students must pass all courses within Preclerkship Modules 1 and 2
- Some courses will serve as prerequisites for others

Re: Progression- Proposed by the Progress Subcommittee:

- Do not have to pass Foundations of Medicine, Module M0 to proceed to M1 courses
- Must pass each of the ten M1 courses to proceed to its respective M2 course

Re: Remediation - Proposed by the Progress Subcommittee:

- Remediation of M0 or M1 can be concurrent with M1 instruction (i.e. Wed/Fri afternoon); can also occur in the summer after Year 1.
- Remediation and Supplemental exams for all to occur in following breaks in the year or in the summer.
- Longitudinal courses to be treated differently and to be determined
- Year failures to be determined by Progress committee
- Remediation/Supplemental Exams:
 - Will be ongoing
 - **MAY** take place during other mandatory curricular time (e.g. Wed and Fri aft)
 - Will be scheduled to provide minimal disruption to existing curricular framework
 - Logistically feasible
- Remediation will follow similar approach as currently used, i.e. students to meet with Director of Remediation, currently Dr. Brent Kvern, who will:
 - Identify particular areas of weakness
 - Provide students with resources, contact information for course directors
 - Be available as needed
- Up to three supplemental exams, depending on the weight/number of weeks of the courses failed, should be permitted, for the entire first year, including M0, M1, first part of M2.

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- Up to three supplemental exams, depending on the weight/number of weeks of the courses failed, should be permitted, for the entire second year.
- A student will be deemed to have failed the year if they exceed the maximum allowable number of supplemental exams (because of failed courses), or if they fail any supplemental exam.

Strategies for student assessment in Clerkship are currently under development.

Work continues on this aspect of the curriculum renewal, the details of which will be completed and will come forward in the second proposal to the Senate Committee prior to implementation of the curriculum.

Impact of the Change on Currently Enrolled Students

Currently enrolled students: Those students currently in clerkship will see no change in their program. Those students currently enrolled in the Preclerkship portion of their studies will see no change in their pre-clerkship studies, but will be recipients of the newly revised clerkship if implemented in 2013.

Impact of the Change on Resources – Governance Funding Model

A new proposed curriculum governance funding model has been developed to support the curriculum renewal. The governance model was approved, June 16, 2012 at a meeting of the Faculty of Medicine Executive Council. **The funding model involves a reorganization of resources within the Faculty and at this time, it is anticipated no additional resources from the University will be required for curriculum renewal.**

The curriculum renewal timeline assumes the new educational leadership positions will be appointed in the Fall of 2012. The specifics of the proposed funding model are noted below:

- Preclerkship and Clerkship will have Directors to ensure the curriculum is comprehensively managed and governed. Preclerkship will have a single Director while Clerkship will have a Clinical Director and an Academic Director (responsible for the spiral curriculum and coordinating nonclinical learning during clerkship i.e. *Intersessions*, and both *Transition to Clerkship* and *Transition to Residency* modules). Four new Director positions will be created: Integration, Academic Clerkship, Online Learning and Scholarly Activity.
- Each Preclerkship unit within the Modules 1 & 2 *Health and Disease* will have a single Educational Leader, a clinician, with a basic science lead, responsible for coordinating all undergraduate activity during Preclerkship and clerkship pertaining to the respective organ system. Each of these faculty positions will be responsible for cognitive content through all 4 years, supervising the clinical electives/selectives pertaining to the respective clinical area working collaboratively with all department/ discipline and longitudinal or “theme” leaders.
- *M0 Foundation* module will have a single Educational leader chosen from a basic science department while *M3 Consolidation* module will also have a single Educational leader but who will be a clinician and will also be the Director, UGME Integration. In addition, that

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

position may also be responsible for, or work closely with *the Clinical Reasoning Longitudinal Course*.

- All the *Longitudinal* Courses (1.Clinical Reasoning, 2.Professionalism/Doctoring, 3.Clinical Skills to Community Clinics, 4.Community Health/Epidemiology 5. Indigenous Health and 6. Scholarly Activity and *Themes* (Social accountability, Safety and Quality improvement, Generalism, etc.) identified by CuRe process will have Longitudinal Leaders.
- All Departments will have appointed Leaders responsible for ensuring relevant content exists throughout all four years. All Clinical Departments that currently have Undergraduate Directors should be amalgamated with these positions dually serving as Clerkship Directors when relevant with blended funding and augmented job descriptions.
- All Disciplines (that are not departments i.e. Oncology or Rheumatology) will have appointed Leaders responsible for ensuring relevant content exists throughout all four years.
- All Educational Directors and Leaders will have a detailed job description.
- M0, M3 and each M1/2 Unit leader will be responsible for creating a curriculum committee for that unit or module.
- Limiting the number of faculty providing lectures. This would entail a minimum number of lectures per instructor, and faculty development to ensure consistency and high quality.

Funding

- Positions will be appointed by, and funded in, a consistent manner through the UGME Associate Dean's office, and where relevant, in consultation with Department Head.
- Positions will be posted and open to all interested parties. Final decisions will be made jointly by UGME Associate Dean and relevant Department Head.
- If feasible, individuals may hold more than one position.
- Funds will be transferred to respective primary department for the duration of the incumbent's term.
- All UGME position announcements will be done jointly by Associate Dean's and respective Department Head's offices.
- All remuneration should be based upon a minimum income for academic physicians for administrative and leadership positions and respective EFT.
- Direct student clinical contact time (not related to direct patient care) should be tracked by OPAL and remunerated in a consistent logical fashion based upon a minimum academic physician grid.

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012




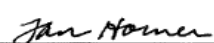
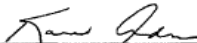
Faculty Administrative Support

- As noted in previous accreditation surveys, ensuring sufficient administrative resources to support the delivery of medical education is key. In order to facilitate the consistent faculty leadership, administrative support should be provided by Education Assistants with central oversight through the UGME office. Funding and management of administrative support will need to be determined.

Faculty Technical and Online Learning Support

- In order to develop and maintain a contemporary medical curriculum, UGME will require support of computer expertise to help, facilitate and support online learning modules, appropriate use of informatics and maintenance of information literacy, and OPAL and other online learning management systems.
- These positions may currently exist within the Faculty but not readily identifiable for UGME support

Impact of the Change – Library Impact Statement – full statement included in *Appendix 2*.

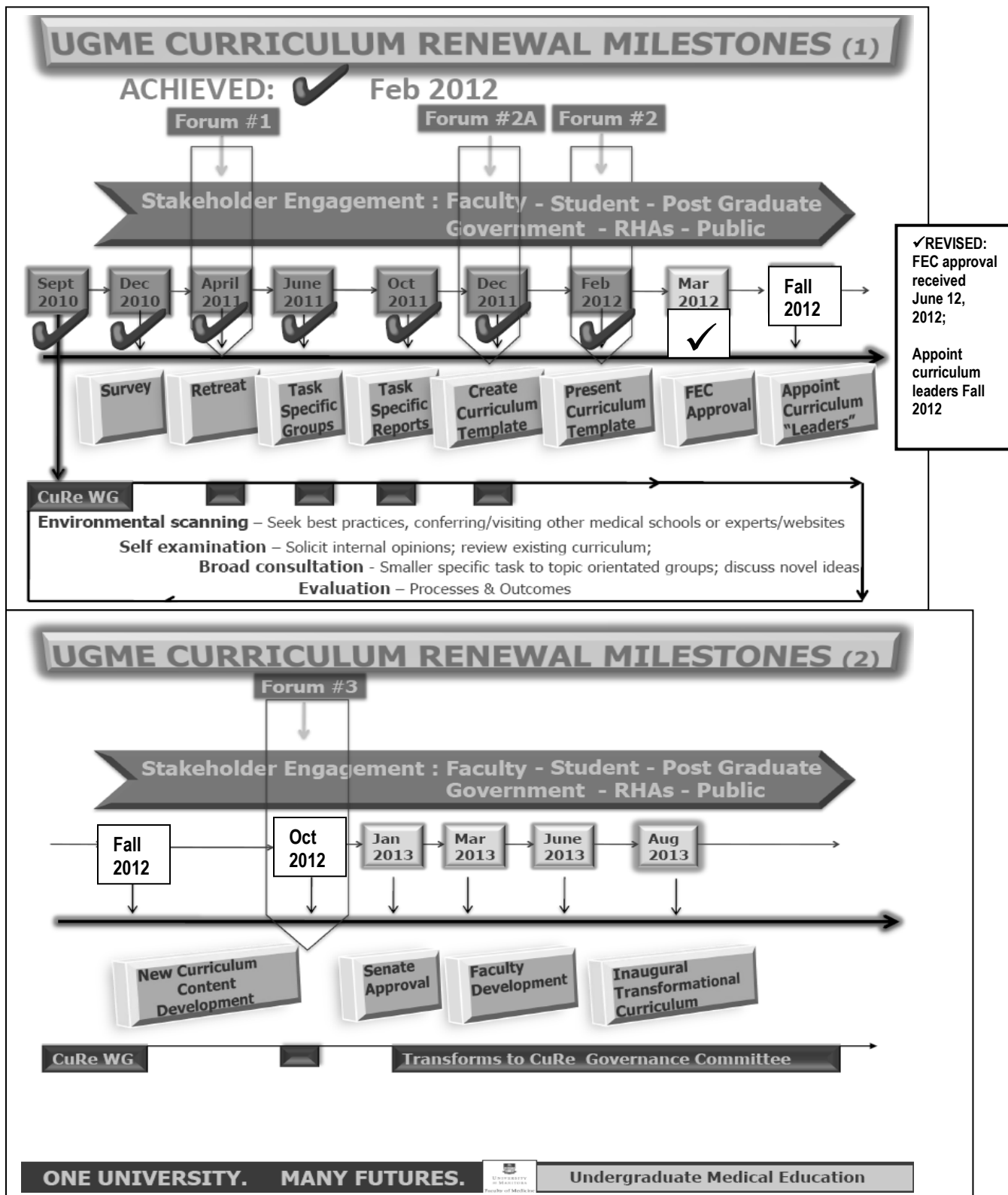
University of Manitoba Libraries		
Statement for Undergraduate Curriculum Change		UNIVERSITY OF MANITOBA
		Libraries
Faculty	Medicine	
Department	Undergraduate Medical Education	
Executive Summary		
<p>The Libraries' collection can support this undergraduate programme, as described in the documentation provided to UML.</p> <p>The existing University of Manitoba Libraries (UML) collection particularly that of the Neil John Maclean Health Sciences Library (NJMHS) has sufficient collections, resources and services to support the proposed curricular changes. The Libraries provide access to an extensive online collection of point of care tools, drug resources, medical textbooks, basic medical science textbooks, and journals. The print collection of the NJMHS contains a wealth of medical, community health science, aboriginal health, bioethics, and history of medicine resources to supplement these online resources.</p> <p>The NJMHS is open extensive hours and has 3 librarians who directly support the Faculty of Medicine's Undergraduate Medical Education (UGME) programme. The UML, through legal agreements with the Winnipeg Regional Health Authority (WRHA), manages library services for the Health Sciences Centre and all hospitals and health centres in Winnipeg including: Deer Lodge, Misericordia, Grace, Seven Oaks, St. Boniface, Victoria, Riverview, Concordia. Librarians, computers, and collection are accessible to undergraduate medical students at all locations.</p>		
 Tania Gottschalk Education Services Librarian		 Ada Ducas Head Health Sciences Libraries
 Jan Horner Coordinator, Collections Management		 University Librarian
<u>12 Sept. 2012</u> Date		

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Timeline

The CuRe Project Map and GANTT chart follows, available on the Curriculum Renewal Website:

<http://umanitoba.ca/faculties/medicine/education/undergraduate/curriculum/curriculumrenewal.html>



UNIVERSITY OF MANITOBA - FACULTY OF MEDICINE

PROPOSAL FOR RENEWED UGME PROGRAM CURRICULUM - SEPTEMBER 2012

Coding	Appendix 1: UNDERGRADUATE MEDICAL EDUCATION (UGME) GLOBAL LEARNING OBJECTIVES
MEDICAL EXPERT	The student will be able to:
ME.1	Discuss and apply the core knowledge in the basic foundational sciences to the practice of medicine.
ME.2	Apply the basic science principles that underlie the practice of evidence-based medicine.
ME.3	Perform a complete, accurate, and focused history and physical examination, using a patient centered approach.
ME.4	Formulate a differential diagnosis and management plan based on:
	a) The clinical presentation
	b) Appropriate diagnostic investigations
ME.5	Assess clinical presentation and order appropriate laboratory and diagnostic tests, to investigate prioritized issues identified in the differential diagnosis list, using a systematic and scientific approach.
ME.6	Maintain accurate patient records and files and demonstrate confidentiality in the handling of personal health information.
ME.7	Assess the indications and complications of basic medical procedures and perform them at a defined level of competence.
ME.8	Describe the various healthcare services that are delivered to First Nations, Inuit and Metis peoples, and the historical basis for the systems as they pertain to these communities.
ME.9	Discuss the rationale for involving consultant physicians and allied health care experts in the care of the patient. Assess the need for consultants and allied health experts involvement in each patients care, and make appropriate referrals / consultations.
COMMUNICATOR	The student will be able to:
C.1	Assess and integrate into patient care plans, the influences of the patient's ideas, beliefs and expectations, age, ethnicity, culture and socioeconomic background.
C.2	Utilize effective patient centered communication skills during data gathering and information sharing which includes attentive listening, open-ended inquiry, empathy and clarification to ensure understanding.
C.3	Display and approach to patient interactions which develops rapport, trust and ethical therapeutic relationships with patients and families that are characterized by understanding, respect, honesty and empathy.
C.4	Deliver information to patients, families and health professionals in a manner that is easily understood, encourages discussion and participation in decision making.
C.5	Describe the principles of cultural safety in medicine at large with an emphasis on how this pertains to First Nations, Inuit and Metis patients.
C.6	Demonstrate efficient techniques for accurate and timely record keeping (written or electronic) of clinical encounters and plans.
COLLABORATOR	The student will be able to:
CL.1	Demonstrate effective team skills within a health care context.
CL.2	Describe and apply effective conflict management skills when managing conflict within teams, between teams and within the health care system.
CL.3	Discuss the roles, responsibilities and scopes of practice of health care professionals, and recognize their contribution to effective patient care, including preventative care.
CL.4	Recognize the central role of patients and their families in the provision of patient centered care.
MANAGER	The student will be able to:
M.1	Describe the role of the physician in the health care system and their relationships with other health professionals, the facilities / contexts in which they work and the health care community.
M.2	Discuss the structure and function of the Canadian health care system in broad terms and local influences in the provision of health care.
M.3	Discuss issues relevant to the access, efficiency, cost-effectiveness and delivery of health care in multiple settings.

UNIVERSITY OF MANITOBA - FACULTY OF MEDICINE

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MANAGER (cont.)	The student will be able to:
M.4	Discuss the prevention and management of health care errors.
M.5	Apply basic principles of continuous quality improvement and discuss their importance to a health care setting.
M.6	Describe approaches that have been implemented to improve the health of First Nations, Inuit or Metis peoples, either locally, regionally or nationally.
HEALTH ADVOCATE	The student will be able to:
HA.1	Explain the determinants of health at local, national and global levels, and assess their impact on individual patient and community health.
HA.2	Describe the influence of epidemics, pandemics, civilian and natural disasters on the delivery of optimal health care.
HA.3	Apply appropriate health promotion and disease prevention strategies.
HA.4	Describe barriers to health care access and the impact on patient health outcomes.
HA.5	Describe the ethical and legal responsibilities of physicians to patients and the communities they serve.
HA.6	Identify resources available to the health care team that aids in the prevention of illness and disease and select appropriate resources for a given situation.
HA.7	Describe the interaction between primary health care and public health.
SCHOLAR	The student will be able to:
S.1	Select appropriate resources to meet educational needs.
S.2	Describe the basic principles of clinical and translational research.
S.3	Apply the principles of the scientific method within evidence-based medicine:
	<ul style="list-style-type: none"> • Pose a scholarly question
	<ul style="list-style-type: none"> • Formulate a hypothesis
	<ul style="list-style-type: none"> • Perform a systematic search for evidence
	<ul style="list-style-type: none"> • Determine an appropriate research methodology
	<ul style="list-style-type: none"> • Select and apply appropriate methods to address the hypothesis
	<ul style="list-style-type: none"> • Write a short research paper using accepted scientific templates
	<ul style="list-style-type: none"> • Discuss the findings of the research study
S.4	Discuss the principles of research ethics and critical appraisal.
S.5	Critique medical literature according to accepted standards in order to determine scientific validity and application to clinical medicine.
S.6	Describe how translational research is conducted, evaluated, explained to patients and applied to patient care.
S.7	Demonstrate presentation and communication skills that can be applied to various teaching encounters and formats .
PROFESSIONAL	The student will be able to:
P.1	Recognize and follow the codes of professionalism adopted by the Faculty of Medicine, as well as those developed by their peers and supported by the Faculty.
P.2	Exhibit professional behaviors in the practice of medicine, including honesty, integrity, compassion, respect and altruism.
P.3	Engage in critical self-evaluation, self-directed learning and seek assistance whenever necessary.
P.4	Identify and appropriately manage ethical issues encountered in practice settings.
P.5	Demonstrate the principles of patient confidentiality as outlined by professional practice standards and legal requirements.
P.6	Discuss basic legal concepts as they apply to the practice of medicine.
P.7	Describe the basic concepts of clinical and societal ethics and apply them to actual cases and situations.
P.8	Demonstrate responsibility through completing assigned tasks and meeting deadlines.

Marcel A. Desautels Faculty of Music

Deletions:

MUSC 1070 Introduction to the History of Music Cr.Hrs. 3	-3.0
MUSC 1080 History of Music 2 Cr.Hrs. 3	-3.0
MUSC 1380 Basic Music Skills 1 Cr.Hrs. 2	-2.0
MUSC 1390 Basic Music Skills 2 Cr.Hrs. 2	-2.0
MUSC 2070 History of Music 3 Cr.Hrs. 3	-3.0
MUSC 2080 History of Music 4 Cr.Hrs. 3	-3.0
MUSC 2380 Basic Music Skills 3 Cr.Hrs. 2	-2.0
MUSC 2390 Basic Music Skills 4 Cr.Hrs. 2	-2.0
MUSC 3300 Composition Study Cr.Hrs. 6	-6.0
MUSC 3552 Jazz Recital 1 Cr.Hrs. 6	-6.0
MUSC 3600 Conducting Cr.Hrs. 3	-3.0
MUSC 3880 Jazz Ensemble Techniques Cr.Hrs. 3	-3.0
MUSC 3960 Music of the Twentieth Century 1 Cr.Hrs. 3	-3.0
MUSC 3970 Music of the Twentieth Century 2 Cr.Hrs. 3	-3.0
MUSC 4150 Choral Repertoire Cr.Hrs. 3	-3.0
MUSC 4300 Composition Study Cr.Hrs. 6	-6.0

Introductions:

MUSC 1004 Introduction to Music in History 1 Cr.Hrs. 3	+3.0
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A survey of Western music from early monophony to c.1750 through an examination of genres and aesthetic foundations. The course will include comparison to non-Western musical traditions.

MUSC 1014 Introduction to Music in History 2 Cr.Hrs. 3	+3.0
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A continuation of MUSC 1004, covering the eras from c.1750 to the present. A survey of Western music from c.1750 to the present through an examination of genres and aesthetic foundations. The course will include contemporary art music and comparison to non-Western musical traditions. Prerequisite: MUSC 1004 or consent of the Faculty of Music.

MUSC 1384 Musicianship 1 Cr.Hrs. 2	+2.0
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A practical approach to the cultivation of critical aural perception, specifically, to develop the student's sight-singing, transcription and keyboard skills. Not to be held with MUSC 1380. For music students only.

MUSC 1394 Musicianship 2 Cr.Hrs. 2	+2.0
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A continuation of MUSC 1384. Prerequisite: MUSC 1384. Not to be held with MUSC 1390. For music students only.

MUSC 1404 Introduction to Composition 1 Cr.Hrs. 3	+3.0
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A study of contemporary theoretical and practical approaches to rhythm, pitch, timbre, texture and form. For music students only or with permission from the Faculty of Music. May not be held with MUSC 1400.

MUSC 1414 Introduction to Composition 2 Cr.Hrs. 3	+3.0
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A continuation of MUSC 1404 Introduction to Composition 1. Prerequisite: MUSC 1404. For music students only or with permission from the Faculty of Music. May not be held with MUSC 1400.

- MUSC 2384 Musicianship 3 Cr.Hrs. 2 +2.0
A continuation of MUSC 1394. Prerequisite: MUSC 1394. Not to be held with MUSC 2380. For music students only.
- MUSC 2394 Musicianship 4 Cr.Hrs. 2 +2.0
A continuation of MUSC 2384. Prerequisite: MUSC 2384. Not to be held with MUSC 2390. For music students only.
- MUSC 3054 Medieval and Renaissance Music History Cr.Hrs. 3 +3.0
A study of music history with emphasis on historical and stylistic developments of the Middle Ages and Renaissance periods. Prerequisites: MUSC 1014 or consent of the Faculty of Music. Not to be held with MUSC 1070.
- MUSC 3064 Baroque Music History Cr.Hrs. 3 +3.0
A history of European art music from the late 16th to the early 18th centuries (the so-called Baroque period) beginning with the invention of opera and the monodic and concerted styles in Italy and their subsequent adoption in the rest of Europe and the emergence of national schools and culminating in the works of Bach and Handel. Prerequisites: MUSC 1014 or consent of the Faculty of Music. Not to be held with MUSC 1080.
- MUSC 3074 Classical Music History Cr.Hrs. 3 +3.0
A history of European art music from the early-18th to the early-19th centuries (the so-called Classical period) beginning with the innovations of Neapolitan opera and sinfonia their subsequent adoption in the rest of Europe, culminating in the Viennese school of Haydn, Mozart and Beethoven. Prerequisites: MUSC 1014 or consent of the Faculty of Music. Not to be held with MUSC 2070.
- MUSC 3084 Romantic Music History Cr.Hrs. 3 +3.0
A study of the changing styles, forms and contexts of music from the late 18th century to 1915 (the Romantic Period). Prerequisites: MUSC 1014 or consent of the Faculty of Music. Not to be held with MUSC 2080.
- MUSC 3104 History of Opera I: From Monteverdi to Mozart Cr.Hrs. 3 +3.0
A history of opera from its origins to the late eighteenth century, tracing the various styles, genres and composers through representative works in the central Italian, as well as the French, English and German schools. Prerequisites: MUSC 1014 or consent of the Faculty of Music.
- MUSC 3114 History of Opera II: From Mozart to the Modern Era Cr.Hrs. 3 +3.0
A history of opera from the late 18th century and the masterpieces of Mozart to the present, tracing the various styles, genres and composers through representative works. Prerequisite: MUSC 1014 or consent of the Faculty of Music.
- MUSC 3404 From New Wave to Rave: A History of Popular Music in the Late 20th Century Cr.Hrs. 3 +3.0
A survey of popular music from the end of twentieth century, beginning with the revolutions that occurred during the late seventies and early eighties (disco and rap, punk and hardcore) that transformed pop music, setting the course for music of the two final decades of the century. Prerequisite: MUSC 1014 or consent of the Faculty of Music.

MUSC 3554 Jazz Recital 1 Cr.Hrs. 3 +3.0
Preparation and performance of a public recital. The program must be approved by the applied instructor and jury members. Prerequisite: [MUSC 2082; MUSC 2122, MUSC 2394, and MUSC 2400] or consent of the Faculty of Music. For Music students only.

MUSC 3884 Introduction to Jazz for Music Educators Cr.Hrs. 3 +3.0
Procedures for organizing, rehearsing, and directing small and large group jazz ensembles. Study of repertoire and performance materials, with emphasis on personal understanding of jazz improvisation and style. Prerequisites: MUSC 2460 or consent of the Faculty of Music. May not be held with 3880.

MUSC 3894 Guitar Techniques Cr.Hrs. 3 +3.0
Class instruction in guitar technique. Development of basic techniques and examination of materials and procedures for individual and group instruction. Prerequisite: MUSC 2460 or consent of the Faculty of Music.

MUSC 3964 History of Western Art Music After 1900 Cr.Hrs. 3 +3.0
A survey of the processes, contexts and conceptual constructs of Western art music from 1900 to the present. Prerequisites: MUSC 1014 or consent of the Faculty of Music.

MUSC 3974 Music Theory After 1900 Cr.Hrs. 3 +3.0
A survey of music theoretical approaches, analytical techniques and compositional trends in Western art music from 1900 to the present. Prerequisite: MUSC 2120 or consent of the Faculty of Music.

MUSC 4154 Choral Repertoire Cr.Hrs. 3 +3.0
A study and examination of choral repertoire for various types of choral ensembles. Prerequisite: MUSC 2460 or consent of the Faculty of Music. May not be held with MUSC 4150.

Modifications:

MUSC 1050 The Well-Tempered Concert-Goer Cr.Hrs. 3 0.0
This course is an introduction to the art of music with the listening component based on attendance at live performances by Winnipeg's superior performing ensembles. Topics include instruments of the orchestra, musical materials, forms and structures, historical periods and biographical information on composers. This course may not be used for credit towards the Bachelor of Music or Bachelor of Jazz Studies degree.

MUSC 1180 Ensemble Cr.Hrs. 2 0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Women's Choir, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by Ensemble Committee).

MUSC 1190 Ensemble Cr.Hrs. 2 0.0
Participation in a Faculty of Music Ensemble other than the one designated in MUSC 1180 (placement to be determined by the Ensemble Committee).

- MUSC 1280 Musical Style and Structure 1 Cr.Hrs. 3 0.0
An integrated study of the history and theory of Western music to 1750. Prerequisite: MUSC 1930 or Conservatory Canada Grade 4 Theory or RCM Advanced Rudiments or consent of the Faculty of Music. Continuation in the Music Minor requires a grade of "C" or better in this course. This course may not be used for credit towards the Bachelor of Music or Bachelor of Jazz Studies degree.
- MUSC 1290 Musical Style and Structure 2 Cr.Hrs. 3 0.0
An integrated study of the history and theory of Western music from 1750 to the present. Prerequisite: MUSC 1280 or consent of the Faculty of Music. Continuation in the Music Minor requires a grade of "C" or better in this course. This course may not be used for credit towards the Bachelor of Music or Bachelor of Jazz Studies degree.
- MUSC 1930 Rudiments of Music Cr.Hrs. 3 0.0
An introduction of fundamental aspects of music such as sound generation, notation, melodic and harmonic construction, with emphasis on an aural approach. This course may not be used for credit towards the Bachelor of Music or Bachelor of Jazz Studies degree.
- MUSC 2072 Jazz History 1 Cr.Hrs. 3 0.0
A broad survey of the development of jazz and early popular styles of the 20th Century up until the early 1950s. This course is designed to reveal the origins of modern jazz and conventional jazz performance practices. Prerequisite: MUSC 1014 or consent of the Faculty of Music.
- MUSC 2180 Ensemble Cr.Hrs. 2 0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Women's Choir, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by Ensemble Committee). Prerequisite: MUSC 1180 or consent of the Faculty of Music.
- MUSC 2190 Ensemble Cr.Hrs. 2 0.0
Participation in a Faculty of Music Ensemble other than the one designated in MUSC 2180 (placement to be determined by Ensemble Committee). Prerequisite: MUSC 1190 or consent of the Faculty of Music.
- MUSC 2400 Major Practical Study Cr.Hrs. 6 0.0
Individual instruction, normally in the area chosen in MUSC 1400. An important constituent of the grading procedure for this course is performance in and attendance at the recitals/concerts of the Faculty of Music. For Music students only. Prerequisite: MUSC 1400 or MUSC 1414.
- MUSC 3090 Introduction to Ethnomusicology Cr.Hrs. 3 0.0
A study of style, performance methods and social role of selected non-Western and indigenous Western music, with particular emphasis on native Canadian music, through readings in field studies and methodology. Prerequisite: MUSC 1014.
- MUSC 3180 Ensemble Cr.Hrs. 2 0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Women's Choir, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by Ensemble Committee). Prerequisite: MUSC 2180 or consent of the Faculty of Music.

MUSC 3190 Ensemble Cr.Hrs. 2	0.0
Participation in a Faculty of Music Ensemble other than the one designated in MUSC 3180 (placement to be determined by Ensemble Committee). Prerequisite: MUSC 2190 or consent of the Faculty of Music.	
MUSC 3380 From Rock to Rap and Beyond: A History of Popular Music in the Later 20 th Century Cr.Hrs. 3	0.0
A survey of popular music in North America and Britain from the mid-sixties to the present, beginning with the two foremost bands of the British Invasion, the Beatles and Stones, and the development of folk rock. The nineties focuses on the continual mainstreaming of music on the edge of rap, alternative and world beat. Prerequisite: MUSC 1014 or consent of the Faculty of Music.	
MUSC 3390 From Ragtime to Rock'n'Roll: A History of Popular Music in the 20th Century Cr.Hrs. 3	0.0
A survey of popular music in North America from the ragtime craze and Tin Pan Alley tradition, through the development of blues and country to the emergence of Rhythm and Blues and Rock'n'Roll to the beginnings of the British Invasion. Prerequisite: MUSC 1014 or consent of the Faculty of Music.	
MUSC 3470 Major Practical Study Cr.Hrs. 6	0.0
Individual instruction, normally in the area chosen in MUSC 2400. An important constituent of the grading procedure for this course is performance in and attendance at the recitals/concerts of the Faculty of Music. Prerequisite: MUSC 1014, MUSC 1120, MUSC 1394, MUSC 2400 and MUSC 3230. For Music Students only.	
MUSC 3550 Recital 1 Cr.Hrs. 3	0.0
Preparation and performance of a public recital. The program must be approved by the applied instructor and the jury members. Prerequisite: [MUSC 1014, MUSC 1120, MUSC 1394, MUSC 2400 and MUSC 3230] or consent of the Faculty of Music. For Music Students only.	
MUSC 3690 Percussion Techniques Cr.Hrs. 3	0.0
Class instruction in percussion instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction. Prerequisite: MUSC 2460 or consent of the Faculty of Music.	
MUSC 3730 Early Music Development Cr.Hrs. 3.	0.0
Procedures and materials for the development of musicality in children through listening activities, movement, creativity, singing and classroom instruments. Prerequisite: [MUSC 2460 and MUSC 3770] or consent of the Faculty of Music.	
MUSC 3770 Vocal Techniques Cr.Hrs. 3	0.0
Class instruction in vocal technique. Development of good vocal and choral sound and examination of materials and procedures for individual and group instruction. Prerequisite or Corequisite: MUSC 2460 or consent of the Faculty of Music.	
MUSC 3780 Woodwind Techniques Cr.Hrs. 3	0.0
Class instruction in woodwind instruments. Development of music playing techniques and examination of materials and procedures for individual and group instruction. Prerequisite: MUSC 2460 or consent of the Faculty of Music.	

MUSC 3790 Brass Techniques Cr.Hrs. 3	0.0
Class instruction in brass instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction. Prerequisite: MUSC 2460 or consent of the Faculty of Music.	
MUSC 3800 String Techniques Cr.Hrs. 3	0.0
Class instruction in string instruments. Development of basic playing techniques and examination of materials and procedures for individual and group instruction. Prerequisite: MUSC 2460 or consent of the Faculty of Music.	
MUSC 4180 Ensemble Cr.Hrs. 2	0.0
Participation in University Symphony Orchestra, University Wind Ensemble, Women's Choir, Concert Choir, University Jazz Orchestra, University Concert Band or University Singers, as is appropriate to the student's background and/or major applied area (placement to be determined by Ensemble Committee). Prerequisite: MUSC 3180 or consent of the Faculty of Music.	
MUSC 4190 Ensemble Cr.Hrs. 2	0.0
Participation in a Faculty of Music Ensemble other than the one designated in MUSC 4180 (placement to be determined by Ensemble Committee). Prerequisite: MUSC 3190 or consent of the Faculty of Music.	
MUSC 4560 Recital 2 Cr.Hrs. 6	0.0
Preparation and performance of a public graduation recital. The program must be approved by the applied instructor and jury members. Prerequisites: [MUSC 2120, MUSC 2394 and MUSC 3550] or consent of the Faculty of Music. For Music students only.	
MUSC 4562 Jazz Recital 2 Cr.Hrs. 6	0.0
Preparation and performance of a public graduation recital. The program must be approved by the applied instructor and the jury members. Prerequisites: [MUSC 2082, MUSC 2122, MUSC 2394 and MUSC 3554] or consent of the Faculty of Music. For Music students only.	
MUSC 4650 Interactive Computer Music Cr.Hrs. 3	0.0
An introduction to interactive computer music composition. The course covers different techniques for interaction between performers and a computer. Experiments will be done using major software for live MIDI and audio processing. The course also covers sound synthesis. Possibilities are given to write with either projects involving performers or multi-disciplinary projects (e.g., installation including visual elements). Prerequisite MUSC 3650 or consent of the Faculty of Music.	
MUSC 4660 Computer Assisted Composition Cr.Hrs. 3	0.0
An introduction to Computer Assisted Composition. The course covers a variety of mathematical models for structuring musical parameters, such as probability, iterative functions, spectral pitch organization, rule-based systems and morphological models. Different environments using the Lisp language are used as a base for experiments. Prerequisite MUSC 1414 or consent of the Faculty of Music.	
MUSC 4750 Choral Techniques 1 Cr.Hrs. 3	0.0
Procedures for organizing, rehearsing and conducting various types of choral ensembles. Examination of performance materials. Prerequisite: [MUSC 2460 and MUSC 3770] or consent of the Faculty of Music.	

MUSC 4770 Band and Orchestral Techniques 1 Cr.Hrs. 3 0.0
The historical development and present instrumentation of standard instrumental ensembles. Procedures for organizing, rehearsing and conducting bands and orchestras. Examination of performance and instructional materials. Prerequisite: [MUSC 2460, MUSC 3790, MUSC 3780 and MUSC 3690] or MUSC 3800 or MUSC 3894 or consent of the Faculty of Music.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications:

Current Curriculum**Proposed Curriculum****Bachelor of Music: General**

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1070	Introduction to the History of Music	3
MUSC 1080	Music History 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180	Ensemble	2
MUSC 1190	Ensemble	2
MUSC 1380	Basic Skills 1	2
MUSC 1390	Basic Skills 2	2
MUSC 1400	Major Practical Study	6
MUSC 3230	Acoustics of Music	3
Written English Requirement ENGL 1310	English	3
Total Credit Hours		32

Bachelor of Music: General

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180	Ensemble	2
MUSC 1190	Ensemble	2
MUSC 1384	Musicianship 1	2
MUSC 1394	Musicianship 2	2
MUSC 1400	Major Practical Study (Composition students take MUSC 1404 Introduction to Composition 1 [3 credit hours] and MUSC 1414 Introduction to Composition 2 [3 credit hours])	6
* MUSC 3230	Acoustics of Music	3
**Written English Requirement ENGL 1310	English	3
Total Credit Hours		32

* a 3 credit hour MATH 1xxx or STAT 1XXX may be taken in place of MUSC 3230 Acoustics

** or any 3 credit hour course that meets the written English requirement; consult with an advisor before making a selection

Current Curriculum**Proposed Curriculum****Bachelor of Music: General**

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2070	Music History 3	3
MUSC 2080	Music History 4	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180	Ensemble	2
MUSC 2190	Ensemble	2
MUSC 2380	Basic Skills 3	2
MUSC 2390	Basic Skills 4	2
MUSC 2400	Major Practical Study	6
	Non-Music elective	6
Total Credit Hours		32

Bachelor of Music: General

Year 2: Marcel A. Desautels Faculty of Music

	Core Music History Elective	3
	Core Music History Elective	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180	Ensemble	2
MUSC 2190	Ensemble	2
MUSC 2384	Musicianship 3	2
MUSC 2394	Musicianship 4	2
MUSC 2400	Major Practical Study	6
	Non-Music elective	6
Total Credit Hours		32

Current Curriculum**Proposed Curriculum****Bachelor of Music: General****Bachelor of Music: General**

Year 3: Marcel A. Desautels Faculty of Music

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3960	20 th Century 1	3
MUSC 3970	20 th Century 2	3
	Music History Elective	3
	Music Theory Elective	3
	Music or Non Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3974	Music Theory After 1900	3
	Core Music History Elective	3
	Music Elective	3
	Music Theory Elective	3
	Music or Non-Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31

Current Curriculum**Proposed Curriculum****Bachelor of Music: Composition**

Year 3: Marcel A. Desautels Faculty of Music

MUSC 2460	Conducting	3
MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3300	Composition Study	6
MUSC 3650	Electroacoustic Music	3
MUSC 3960	20th Century 1	3
MUSC 3970	20th Century 2	3
MUSC 3150	Orchestration	3
	Non-Music electives	6
Total Credit Hours		31

Bachelor of Music: Composition

Year 3: Marcel A. Desautels Faculty of Music

MUSC 2460	Conducting	3
MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3650	Electroacoustic Music	3
MUSC 3964	History of Western Art Music After 1900	3
MUSC 3974	Music Theory After 1900	3
	Music or Non-Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31

Current Curriculum**Proposed Curriculum****Bachelor of Music: History****Bachelor of Music: History**

Year 3: Marcel A. Desautels Faculty of Music

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3050	Research Methods	3
MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3960	20 th Century 1	3
MUSC 3970	20 th Century 2	3
	Music History elective	3
	Music Theory elective	3
	Non-Music electives	6
Total Credit Hours		31

MUSC 3050	Research Methods	3
MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3974	Music Theory After 1900	3
	Core Music History Elective	3
	Music History elective	3
	Music Theory elective	3
	Non-Music electives	6
Total Credit Hours		31

Current Curriculum**Proposed Curriculum****Bachelor of Music: Performance****Bachelor of Music: Performance**

Year 3: Marcel A. Desautels Faculty of Music

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3550	Recital 1	3
MUSC 3960	20 th Century 1	3
MUSC 3970	20 th Century 2	3
	Music Electives	6
	Non-Music Electives	6
Total Credit Hours		31
	NOTE: A grade of "B" is required in 3550 to continue the Performance Concentration.	

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3550	Recital 1	3
MUSC 3974	Music Theory After 1900	3
	Core Music History Elective	3
	Music Electives	6
	Non-Music Elective	6
Total Credit Hours		31
	NOTE: A grade of at least "B" in 3550 is required to continue in the Performance Concentration.	

Current Curriculum**Proposed Curriculum****Bachelor of Music: General****Bachelor of Music: General**

Year 4: Marcel A. Desautels Faculty of Music

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
or		
MUSC 4160	Major Practical Study	3
	Music electives (12 if MUSC 4160 is elected)	9
	Music or Non-Music Electives	6
	Non-Music Electives	6
Total Credit Hours		31
Program Total Credit Hours		126

MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
or		
MUSC 4160	Major Practical Study	3
	Core Music History Elective	3
	Music electives (9 if MUSC 4160 is elected)	6
	Music or Non-Music Electives	6
	Non-Music Electives	6
Total Credit Hours		31
Program Total Credit Hours		126

Current Curriculum**Proposed Curriculum****Bachelor of Music: Composition****Bachelor of Music: Composition**

Year 4: Marcel A. Desautels Faculty of Music

Year 4: Marcel A. Desautels Faculty of Music

MUSC 3550	Recital 1	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4300	Composition Study	6
MUSC 4650	Interactive Computer Music	3
MUSC 4660	Computer Assisted Composition	3
MUSC XXXX	Music History Elective	3
MUSC XXXX	Theory Elective	3
	Non-Music Electives	6
Total Credit Hours		31
Program Total Credit Hours		126

MUSC 3550	Recital 1	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
MUSC 4650	Interactive Computer Music	3
MUSC 4660	Computer Assisted Composition	3
	Core Music History Elective	3
MUSC XXXX	Theory Elective	3
	Non-Music Electives	6
Total Credit Hours		31
Program Total Credit Hours		126

Current Curriculum**Proposed Curriculum****Bachelor of Music: History**

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4110	Special Area (Paper)	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
or		
MUSC 4160	Major Practical Study	3
	Music History Electives	6
	Music Electives (9 if MUSC 4160 is elected)	6
	Non-Music Electives	6
Total Credit Hours		31
Total Program Credit Hours		126

Bachelor of Music: History

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4110	Special Area (Paper)	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
or		
MUSC 4160	Major Practical Study	3
	Core Music History Elective	3
	Music History Elective	3
	Music Electives (9 if MUSC 4160 is elected)	6
	Non-Music Electives	6
Total Credit Hours		31
Total Program Credit Hours		126

Current Curriculum**Proposed Curriculum****Bachelor of Music: Performance****Bachelor of Music: Performance**

Year 4: Marcel A. Desautels Faculty of Music

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
MUSC 4560	Recital	6
	Music Electives	9
	Non-Music Elective	6
Total Credit Hours		31
	NOTE: A grade of at least "B" is required in 4560 for graduation with the Performance Concentration.	
Program Total Credit Hours		126

MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
MUSC 4560	Recital	6
	Core Music History Elective	3
	Music Electives	6
	Non-Music Elective	6
Total Credit Hours		31
	NOTE: A grade of at least "B" is required in 4560 for graduation with the Performance Concentration.	
Program Total Credit Hours		126

Bachelor of Jazz Studies

Current Curriculum

Bachelor of Jazz Studies

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1182	Jazz Ensemble 1	2
MUSC 1192	Jazz Rhythm and Performance Techniques	2
MUSC 1280	Style and Structure 1	3
MUSC 1290	Style and Structure 2	3
MUSC 1380	Basic Skills 1	2
MUSC 1390	Basic Skills 2	2
MUSC 1400	Major Practical Study	6
MUSC 3230	Acoustics of Music	3
Written English Requirement ENGL 1310	English	3
Total Credit Hours		32

Proposed Curriculum

Bachelor of Jazz Studies

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1182	Jazz Ensemble 1	2
MUSC 1192	Jazz Rhythm and Performance Techniques	2
MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1384	Musicianship 1	2
MUSC 1394	Musicianship 2	2
MUSC 1400	Major Practical Study	6
* MUSC 3230	Acoustics of Music	3
**Written English Requirement ENGL 1310	English	3
Total Credit Hours		32

***a 3 credit hour MATH 1xxx or STAT 1XXX may be taken in place of MUSC 3230 Acoustics**

**** or any 3 credit hour course that meets the written English requirement; consult with an advisor before making a selection**

Bachelor of Jazz Studies

Current Curriculum

Bachelor of Jazz Studies

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2072	Jazz History 1	3
MUSC 2082	Jazz History 2	3
MUSC 2112	Jazz Theory 1	3
MUSC 2122	Jazz Theory 2	3
MUSC 2182	Jazz Ensemble 2	2
MUSC 2192	Jazz Improvisation 1	2
MUSC 2380	Basic Skills 3	2
MUSC 2390	Basic Skills 4	2
MUSC 2400	Major Practical Study	6
	Non-Music elective	6
Total Credit Hours		32

Proposed Curriculum

Bachelor of Jazz Studies

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2072	Jazz History 1	3
MUSC 2082	Jazz History 2	3
MUSC 2112	Jazz Theory 1	3
MUSC 2122	Jazz Theory 2	3
MUSC 2182	Jazz Ensemble 2	2
MUSC 2192	Jazz Improvisation 1	2
MUSC 2384	Musicianship 3	2
MUSC 2394	Musicianship 4	2
MUSC 2400	Major Practical Study	6
	Non-Music elective	6
Total Credit Hours		32

Bachelor of Jazz Studies

Current Curriculum

Bachelor of Jazz Studies

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3112	Jazz Composition & Arranging 1	3
MUSC 3182	Jazz Ensemble 3	2
MUSC 3192	Jazz Improvisation 2	2
MUSC 3272	Jazz Performance Skills	3
MUSC 3442	Jazz Pedagogy 1	3
MUSC 3470	Major Practical Study	6
MUSC 3552	Jazz Recital 1	6
	Non-Music Electives	6
Total Credit Hours		31
	NOTE: A grade of “B” is required in 3552 to continue in the Bachelor of Jazz Studies.	

Proposed Curriculum

Bachelor of Jazz Studies

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3112	Jazz Composition and Arranging 1	3
MUSC 3182	Jazz Ensemble 3	2
MUSC 3192	Jazz Improvisation 2	2
MUSC 3272	Jazz Performance Skills	3
MUSC 3442	Jazz Pedagogy 1	3
MUSC 3470	Major Practical Study	6
MUSC 3554	Jazz Recital 1	3
	Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31
	NOTE: A grade of at least “B” is required in 3554 to continue in the Bachelor of Jazz Studies Program	

Bachelor of Jazz Studies

Current Curriculum

Bachelor of Jazz Studies

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4112	Jazz Composition and Arranging 2	3
MUSC 4182	Jazz Ensemble 4	2
MUSC 4192	Jazz Improvisation 3	2
MUSC 4442	Jazz Pedagogy 2	3
MUSC 4470	Major Practical Study	6
MUSC 4562	Recital 2	6
	Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31
	NOTE: A grade of at least “B” is required in 4562 for graduation with the Bachelor of Jazz Studies.	
Total Program Credit Hours		126

Proposed Curriculum

Bachelor of Jazz Studies

Year 4: Marcel A. Desautels Faculty of Music

MUSC 4112	Jazz Composition and Arranging 2	3
MUSC 4182	Jazz Ensemble 4	2
MUSC 4192	Jazz Improvisation 3	2
MUSC 4442	Jazz Pedagogy 2	3
MUSC 4470	Major Practical Study	6
MUSC 4562	Recital 2	6
	Music Elective	3
	Non-Music Electives	6
Total Credit Hours		31
	NOTE: A grade of at least “B” is required in 4562 for graduation with a Bachelor of Jazz Studies.	
Total Program Credit Hours		126

**Integrated Bachelor of Music/Bachelor of Education Program
Choral Music Specialization**

Current Curriculum

Proposed Curriculum

Choral Music Specialization

Choral Music Specialization

Year 1: Marcel A. Desautels Faculty of Music

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1070	Introduction to the History of Music	3
MUSC 1080	History of Music 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180	Ensemble	2
MUSC 1190	Ensemble	2
MUSC 1380	Basic Musical Skills 1	2
MUSC 1390	Basic Musical Skills 2	2
MUSC 1400	Major Practical Study	6
ENGL 1XXX	English (Any Course Meeting Written English Requirement)	3
MUSC 3230	Acoustics of Music (Meets Mathematics Requirement)	3
Total credit hours		32

MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180 or MUSC 1182	Ensemble	2
MUSC 1190 or MUSC 1192	Ensemble	2
MUSC 1384	Musicianship 1	2
MUSC 1394	Musicianship 2	2
MUSC 1400 or MUSC 1404 and MUSC 1414	Major Practical Study Introduction to Composition 1 and Introduction to Composition 2	6 or 3 3
ENGL 1XXX	Students who have English as their teachable minor take 1000 level English to fulfill the U of M written English requirement Students who have History as their teachable minor take a 1000 level non-music History to fulfill the U of M written English requirement Students who have a teachable minor other than English or History may take any 1000 level 3 credit hour course that fulfills the written English requirement: consult with an advisor before making a selection.	3
* MUSC 3230	Acoustics of Music (Meets U of M Mathematics Requirement)	3
Total credit hours		32

* a 3 credit hour MATH 1xxx or STAT 1XXX may be taken in place of MUSC 3230 Acoustics

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education Program
Choral Music Specialization**

Current Curriculum

Proposed Curriculum

Choral Music Specialization

Choral Music Specialization

Year 2: Marcel A. Desautels Faculty of Music

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2070	History of Music 3	3
MUSC 2080	History of Music 4	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180	Ensemble	2
MUSC 2190	Ensemble	2
MUSC 2380	Basic Musical Skills 3	2
MUSC 2390	Basic Musical Skills 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
	Teachable Minor (see **)	6
Total credit hours		35

NOTE: Apply to Faculty of Education, Integrated Program during Year 2.
Deadline date to apply is February 1.

	Core Music History Elective	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180 or MUSC 2182	Ensemble	2
MUSC 2190 or MUSC 2192	Ensemble	2
MUSC 2384	Musicianship 3	2
MUSC 2394	Musicianship 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
MUSC 3770	Vocal Techniques	3
	Teachable Minor	6
Total credit hours		35

NOTE: Apply to Faculty of Education, Integrated Program
during Year 2. Deadline date to apply is February 1

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education Program
Choral Music Specialization**

Current Curriculum

Proposed Curriculum

Choral Music Specialization

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3960	Music of the 20th Century 1	3
MUSC xxxx	Music Specialization	6
EDUB 1200	Teaching the Arts in Senior Years	3
EDUB 1600	Teaching General Music	3
	Teachable Minor (see **)	6

Summer Session

EDUB 1940	Integrated Programs School Experience 1	3
Total Credit Hours		34

Choral Music Specialization

Year 3: Faculty of Education/Faculty of Music

MUSC 3180 or MUSC 3182	Ensemble	2
MUSC 3190 or MUSC 3192	Ensemble	2
MUSC 3470	Major Practical Study	6
	Core Music History Elective	3
MUSC 3974	Music Theory After 1900	3
MUSC 4154	Choral Repertoire	3
MUSC 4750	Choral Techniques 1	3
MUSC 4760	Choral Techniques 2	3
EDUB 1600	Teaching General Music	3
	Students who have English, Math, or History as their teachable minor take 3 credit hours of their teachable minor Students who have a subject other than English, Math or History as their teachable minor take 6 credit hours of their teachable minor	3 or 6

Summer Session

EDUB 1940	Integrated Program School Experience 1	3
Total Credit Hours		34-37

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education Program
Choral Music Specialization**

Current Curriculum

Proposed Curriculum

Choral Music Specialization

Choral Music Specialization

Year 4: Marcel A. Desautels Faculty of Music

Year 4: Faculty of Education/Faculty of Music

MUSC 3970	Music of the 20th Century 2	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2240 or	Teaching Music in Senior Years	3
EDUB 2160	Teaching Music in Early/Middle Years	3
	Music Specialization	12
	Teachable Minor (see **)	6

Summer Session

EDUB 1950	Integrated Programs School Experience 2	3
Total Credit Hours		37

MUSC 4180 or MUSC 4182	Ensemble	2
MUSC 4190 or MUSC 4192	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2240	Teaching Music in Senior Years	3
	Special Ed/Diversity Elective	3
	Aboriginal Education Elective	3
MUSC 3884	Introduction to Jazz for Music Educators	3
MUSC xxxx	Music Education Elective	3
	Students who have History as their teachable minor take 6 credit hours of non-music History if they took English to fulfill the written requirement in 1 st year. Students who have History as their teachable minor take 3 credit hours of non-music History if they took History to fulfill the written requirement in 1 st year. Students who have a subject other than History as their teachable minor take 6 credit hours of their teachable minor.	6 or 3 or 6

Summer Session

EDUB 1950	Integrated Program School Experience 2	3
Total Credit Hours		31 -34

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Choral Music Specialization**

Current Curriculum

Proposed Curriculum

Choral Music Specialization

Year 5: Faculty of Education/Music Program

EDUB 2980	Senior Years School Experience	6
EDUA 1800	Psychology of Learning and Instruction 1: Theory and Practice	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Foundations of Education	3
EDUB 2500	Themes in Senior Years Education (for Early/Middle Years specialization, students may take a 3 credit hour Education complementary course)	3
EDUB 2510	Language and Literacy Across the Curriculum (for Early/ Middle Years specialization, students may take a 3 credit hour Education complementary course)	3
EDUB 1XXX	Students with a Music teachable minor take an Education complementary course (admitted to Faculty of Education September 2008 or earlier). Students admitted September 2009 and beyond take a Year 1 Curriculum & Instruction course for their minor. **	3
Total credit hours		30
Total Program hours		174

Choral Music Specialization

Year 5: Faculty of Education/Faculty of Music

EDUB xxxx	Integrated Program School Experience 3	3
EDUB xxxx	Integrated Program School Experience 4	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Foundations of Education	3
EDUB 2500	Themes in Senior Years Education	3
EDUB 2510	Language and Literacy Across the Curriculum	3
EDUB 1XXX	Year 1 Curriculum & Instruction course for their teachable minor.	3
Total credit hours		27
Total Program hours		159-165

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Bachelor of Music/Bachelor of Education
Early/Middle Years Music Specialization**

Current Curriculum

Proposed Curriculum

Early/Middle Years Music Specialization

Early/Middle Years Music Specialization

Year 1: Marcel A. Desautels Faculty of Music

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1070	Introduction to the History of Music	3
MUSC 1080	History of Music 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180	Ensemble	2
MUSC 1190	Ensemble	2
MUSC 1380	Basic Musical Skills 1	2
MUSC 1390	Basic Musical Skills 2	2
MUSC 1400	Major Practical Study	6
ENGL 1XXX	English (Any Course Meeting Written English Requirement)	3
MUSC 3230	Acoustics of Music (Meets Mathematics Requirement)	3
Total credit hours		32

MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180 or MUSC 1182	Ensemble	2
MUSC 1190 or MUSC 1192	Ensemble	2
MUSC 1384	Musicianship 1	2
MUSC 1394	Musicianship 2	2
MUSC 1400	Major Practical Study	6
MUSC 1404	or Introduction to Composition 1	or 3
MUSC 1414	and Introduction to Composition 2	3
ENGL 1xxx	Any English at the 1000 level.	3
* MUSC 3230	Acoustics of Music (Meets U of M Mathematics Requirement)	3
Total credit hours		32

* a 3 credit hour MATH 1xxx or STAT 1XXX may be taken in place of MUSC 3230 Acoustics

In this program "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Early/Music Music Specialization**

Current Curriculum

Proposed Curriculum

Early/Middle Years Music Specialization

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2070	History of Music 3	3
MUSC 2080	History of Music 4	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180	Ensemble	2
MUSC 2190	Ensemble	2
MUSC 2380	Basic Musical Skills 3	2
MUSC 2390	Basic Musical Skills 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
	Teachable Minor (see **)	6
Total credit hours		35

NOTE: Apply to Faculty of Education, Integrated Program during Year 2.
Deadline date to apply is February 1.

Year 2: Marcel A. Desautels Faculty of Music

	Core Music History Elective	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180 or MUSC 2182	Ensemble	2
MUSC 2190 or MUSC 2192	Ensemble	2
MUSC 2384	Musicianship 3	2
MUSC 2394	Musicianship 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
MUSC 3770	Vocal Techniques	3
	Teachable Minor	6
Total credit hours		35

NOTE: Apply to Faculty of Education, Integrated Program
during Year 2. Deadline date to apply is February 1

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

Integrated Bachelor of Music/Bachelor of Education	
Early/Middle Years Music Specialization	
Current Curriculum	Proposed Curriculum

Early/Middle Years Music Specialization

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3960	Music of the 20th Century 1	3
MUSC xxxx	Music Specialization	6
EDUB 1200	Teaching the Arts in Senior Years	3
EDUB 1600	Teaching General Music	3
	Teachable Minor (see **)	6

Summer Session

EDUB 1940	Integrated Programs School Experience 1	3
Total Credit Hours		34

Early/Middle Years Music Specialization

Year 3: Faculty of Education/ Faculty of Music

MUSC 3180 or MUSC 3182	Ensemble	2
MUSC 3190 or MUSC 3192	Ensemble	2
MUSC 3470	Major Practical Study	6
	Core Music History Elective	3
MUSC 3974	Music Theory After 1900	3
MUSC 3130	Music for Children 1	6
MUSC 3730	Early Musical Development	3
EDUB 1600	Teaching General Music	3
	Students who have Biology, Chemistry, Physics, Geological Science or Environmental Science as their teachable minor take 3 credit hours of English. Students who have any subject other than Biology, Chemistry, Physics, Geological Science or Environmental Science as their teachable minor take 3 credit hours of either Biology, Chemistry, Physics, Geological Science or Environmental Science.	3 or 3

Summer Session

EDUB 1940	Integrated Program School Experience 1	3
Total Credit Hours		34

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Early/Middle Years Music Specialization**

Current Curriculum

Early/Middle Years Music Specialization

Year 4: Faculty of Education/Music Program

MUSC 3970	Music of the 20th Century 2	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2240 or	Teaching Music in Senior Years	3
EDUB 2160	Teaching Music in Early/Middle Years	3
	Music Specialization	12
	Teachable Minor (see **)	6

Summer Session		
EDUB 1950	Integrated Programs School Experience 2	3
Total Credit Hours		37

Proposed Curriculum

Early/Middle Years Music Specialization

Year 4: Faculty of Education/Faculty of Music

MUSC 4180 or MUSC 4182	Ensemble	2
MUSC 4190 or MUSC 4192	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2160	Teaching Music in Early/Middle Years	3
MUSC 4750	Choral Techniques 1 and	3
MUSC 4760	Choral Techniques 2	3
	or	or
MUSC 3140	Music for Children 2	6
	Students who have English as their teachable minor take 3 credit hours of English, 3 credit hours of Geography or non-music History and 3 credit hours of either Math, Biology, Chemistry, Physics, Geology or Environmental Science	3 3 3
	Students who have Math as their teachable minor take 3 credit hours of English, 3 credit hours of Math and 3 credit hours of Geography or non-music History	3 3 3
	Students who have History as their teachable minor take 3 credit hours of English, 3 credit hours of non-music History and 3 credit hours of either Math, Biology, Chemistry, Physics, Geology or Environmental Science.	3 3 3
	Students who have Geography as their teachable minor take 3 credit hours of English, 6 credit hours of Geography and 3 credit hours of either Math, Biology, Chemistry, Physics, Geology or Environmental Science	3 6 3
	Students who have Biology, Chemistry, Physics, Geological Science or Environmental Science as their teachable minor take 3 credit hours of either Geography or non-music History and 6 credit hours of either Biology, Chemistry, Physics, Geological Science, or Environmental Science	3 6 6
	Students who have a subject other than English, Math, History, Geography, Biology, Chemistry, Physics, Geological Science or Environmental Science as their teachable minor take 3 credit hours of English, 3 credit hours of their teachable minor, 3 credit hours of Geography or non-music History and 3 credit hours of either Math, Biology, Chemistry, Physics, Geology or Environmental Science	3 3 3 3
Summer Session		
EDUB 1950	Integrated Program School Experience 2	3
Total Credit	Hours	31-34

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Early/Middle Years Music Specialization**

Current Curriculum

Proposed Curriculum

Early/Middle Years Music

Early/Middle Years Music

Year 5: Faculty of Education/Music Program

Year 5: Faculty of Education/Faculty of Music

EDUB 2980	Senior Years School Experience	6
EDUA 1800	Psychology of Learning and Instruction 1: Theory and Practice	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Foundations of Education	3
EDUB XXXX	Education complementary course	3
EDUB XXXX	Education complementary course	3
EDUB 1614	K - 8 Curriculum Studies	3
Total credit hours		30
Total Program hours		174

EDUB xxxx	Integrated Program School Experience 3	3
EDUB xxxx	Integrated Program School Experience 4	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Foundations of Education	3
EDUB 1614	K - 8 Curriculum Studies	3
EDUB xxxx	Aboriginal Education Elective	3
EDUB xxxx	Special Ed/Diversity Elective	3
Total credit hours		27
Total Program hours		159-162

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

Integrated Bachelor of Music/Bachelor of Education Instrumental Music Specialization

Current Curriculum

Proposed Curriculum

Instrumental Music Specialization

Instrumental Music Specialization

Year 1: Marcel A. Desautels Faculty of Music

Year 1: Marcel A. Desautels Faculty of Music

MUSC 1070	Introduction to the History of Music	3
MUSC 1080	History of Music 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180	Ensemble	2
MUSC 1190	Ensemble	2
MUSC 1380	Basic Musical Skills 1	2
MUSC 1390	Basic Musical Skills 2	2
MUSC 1400	Major Practical Study	6
ENGL 1XXX	English (Any Course Meeting Written English Requirement)	3
MUSC 3230	Acoustics of Music (Meets Mathematics Requirement)	3
Total credit hours		32

MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 1180 or MUSC 1182	Ensemble	2
MUSC 1190 or MUSC 1192	Ensemble	2
MUSC 1384	Musicianship 1	2
MUSC 1394	Musicianship 2	2
MUSC 1400	Major Practical Study	6
MUSC 1404	Introduction to Composition 1 and	3
MUSC 1414	Introduction to Composition 2	3
ENGL 1xxx	Students who have English as their teachable minor take English to fulfill the U of M written English requirement. Students who have History as their teachable minor take non-music History to fulfill the U of M written English requirement. Students who have a teachable minor other than English or History may take any 1000 level 3 credit hour course that fulfills the written English requirement; consult with an advisor before making a selection.	3
* MUSC 3230	Acoustics of Music (Meets U of M Mathematics Requirement)	3
Total credit hours		32

* a 3 credit hour MATH 1xxx or STAT 1XXX may be taken in place of MUSC 3230 Acoustics

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Instrumental Music Specialization**

Current Curriculum

Proposed Curriculum

Instrumental Music Specialization

Year 2: Marcel A. Desautels Faculty of Music

MUSC 2070	History of Music 3	3
MUSC 2080	History of Music 4	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180	Ensemble	2
MUSC 2190	Ensemble	2
MUSC 2380	Basic Musical Skills 3	2
MUSC 2390	Basic Musical Skills 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
	Teachable Minor (see **)	6
Total credit hours		35

NOTE: Apply to Faculty of Education, Integrated Program during Year 2. Deadline date to apply is February 1.

Instrumental Music Specialization

Year 2: Marcel A. Desautels Faculty of Music

	Core Music History Elective	3
MUSC 2110	Music Theory 3	3
MUSC 2120	Music Theory 4	3
MUSC 2180 or MUSC 2182	Ensemble	2
MUSC 2190 or MUSC 2192	Ensemble	2
MUSC 2384	Musicianship 3	2
MUSC 2394	Musicianship 4	2
MUSC 2400	Major Practical Study	6
MUSC 2460	Conducting	3
	Teachable Minor	6
Total credit hours		32

NOTE: Apply to Faculty of Education, Integrated Program during Year 2. Deadline date to apply is February 1

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Instrumental Music Specialization**

Current Curriculum

Proposed Curriculum

Instrumental Music Specialization

Year 3: Marcel A. Desautels Faculty of Music

MUSC 3180	Ensemble	2
MUSC 3190	Ensemble	2
MUSC 3470	Major Practical Study	6
MUSC 3960	Music of the 20th Century 1	3
MUSC xxxx	Music Specialization	6
EDUB 1200	Teaching the Arts in Senior Years	3
EDUB 1600	Teaching General Music	3
	Teachable Minor (see **)	6

Summer Session

EDUB 1940	Integrated Programs School Experience 1	3
Total credit hours		34

Instrumental Music Specialization

Year 3: Faculty of Education/ Faculty of Music

MUSC 3180 or MUSC 3182	Ensemble	2
MUSC 3190 or MUSC 3192	Ensemble	2
MUSC 3470	Major Practical Study	6
	Core Music History Elective	3
MUSC 3974	Music Theory After 1900	3
MUSC 3790	Brass Techniques	3
MUSC 3780	Woodwind Techniques	3
MUSC 3690	Percussion Techniques or	3
MUSC 3800	String Techniques or	
MUSC 3894	Guitar Techniques	
EDUB 1600	Teaching General Music	3
	Students who have History as their teachable minor take 3 credit hours of non-music History	3
	Students who have a subject other than History as their teachable minor take 6 credit hours of their teachable minor	or 6

Summer Session

EDUB 1940	Integrated Program School Experience 1	3
Total credit hours		34-37

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Education
Instrumental Music Specialization**

Current Curriculum

Proposed Curriculum

Instrumental Music Specialization

Instrumental Music Specialization

Year 4: Marcel A. Desautels Faculty of Music

Year 4: Faculty of Education/Faculty of Music

MUSC 3970	Music of the 20th Century 2	3
MUSC 4180	Ensemble	2
MUSC 4190	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2240 or	Teaching Music in Senior Years	3
EDUB 2160	Teaching Music in Early/Middle Years	3
	Music Specialization	12
	Teachable Minor (see **)	6

MUSC 4180 or MUSC 4182	Ensemble	2
MUSC 4190 or MUSC 4192	Ensemble	2
MUSC 4470	Major Practical Study	6
EDUB 2240	Teaching Music in Senior Years	3
	Special Ed/Diversity Elective	3
	Aboriginal Education Elective	3
MUSC 3884	Introduction to Jazz for Music Educators	3
MUSC 4770	Band & Orchestral Techniques 1	3
MUSC 4780	Band & Orchestral Techniques 2	3
	Students who have English or Math as their teachable minor take 3 credit hours of their teachable minor.	3
	Students who have History as their teachable minor take 6 credit hours of non-music History if they took English to fulfill the written requirement in 1 st year.	or 6
	Students who have History as their teachable minor take 3 credit hours of non-music History if they took History to fulfill the written requirement in 1 st year	or 3
	Students who have a subject other than English, Math or History as their teachable minor take 6 credit hours of their teachable minor.	or 6

Summer Session		
EDUB 1950	Integrated Programs School Experience 2	3
Total Credit Hours		37

Summer Session		
EDUB 1950	Integrated Program School Experience 2	3
Total Credit Hours		34-37

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

**Integrated Bachelor of Music/Bachelor of Music
Instrumental Music Specialization**

Current Curriculum

Proposed Curriculum

Instrumental Music Sepcialization

Instrumental Music Sepcialization

Year 5: Faculty of Education/Music Program

Year 5: Faculty of Education/Faculty of Music

EDUB 2980	Senior Years School Experience	6
EDUA 1800	Psychology of Learning and Instruction 1: Theory and Practice	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Founda-tions of Education	3
EDUB 2500	Themes in Senior Years Education (for Early/Middle Years specialization, students may take a 3 credit hour Education complementary course)	3
EDUB 2510	Language and Literacy Across the Curriculum (for Early/ Middle Years specialization, students may take a 3 credit hour Education complementary course)	3
EDUB 1XXX	Students with a Music teachable minor take an Edu-cation complementary course (admitted to Faculty of Education September 2008 or earlier). Students admitted September 2009 and beyond take a Year 1 Curriculum & Instruction course for their minor. **	3
Total credit hours		30
Total Program hours		174

EDUB xxxx	Integrated Program School Experience 3	3
EDUB xxxx	Integrated Program School Experience 4	3
EDUA 1810	School and Society 1: The Foundations of Education	3
EDUB 1990	Teacher and Technology	3
EDUA 2800	Psychology of Learning and Instruction 2: Inclusive Special Education	3
EDUA 2810	School and Society 2: The Administrative Founda-tions of Education	3
EDUB 2500	Themes in Senior Years Education	3
EDUB 2510	Language and Literacy Across the Curriculum	3
EDUB 1XXX	Year 1 Curriculum & Instruction course for their teachable minor.	3
Total credit hours		27
Total Program hours		159-165

In this program a "C" or better is required in all courses. Non-music courses must be at the 1000 level or higher.

Core Music History Electives		
In addition to the required first-year History sequence (MUSC 1004 3 credit hours and MUSC 1014 3 credit hours),		
Bachelor of Music students must choose four additional courses (12 credit hours) from the chart below, at least one from each column;		
Integrated Music Education students must choose two additional courses (6 credit hours) from different columns.		
Note: At least one course from each column will be offered every year.		
A	B	C
MUSC 3064 Baroque Music History	MUSC 3054 Medieval and Renaissance Music History	MUSC 2072 Jazz History 1
MUSC 3074 Classical Music History	MUSC 3964 History of Western Art Music After 1900	MUSC 2082 Jazz History 2
MUSC 3084 Romantic Music History		MUSC 3090 Introduction to Ethnomusicology
		MUSC 3104 History of Opera I: From Monteverdi to Mozart
		MUSC 3114 History of Opera II: From Mozart to the Modern Era
		MUSC 3380 From Rock to Rap and Beyond: A History of Popular Music in the Later 20th Century
		MUSC 3390 From Ragtime to Rock'n'Roll: A History of Popular Music in the 20th Century
		MUSC 3404 From New Wave to Rave: A History of Popular Music in the Late 20th Century
		MUSC 4140 History of Canadian Music
		MUSC 4130 History of Women in Music
		Topics Courses in Music History

#9:

Statement(s) from other Departments, Faculties or Schools of Possible Changes in their Programs

This statement confirms that the Faculty of Music has notified the following faculties of our intention to begin offering the Minor in Music as one unified minor, outlined in the Music section of the Undergraduate Calendar:

- Faculty of Engineering (Dean McNeill, Curriculum Committee Chair)
- Faculty of Science (Dr. Michelle Piercey-Normore, Curriculum Committee Chair)
- Faculty of Arts (Dr. Barry Ferguson, Associate Dean for Curriculum, Space and International Studies)

Gordon Fitzell
Marcel A. Desautels Faculty of Music
Curriculum Committee, Chair
April 2012

Section 6: Offerings for Non-Music Students

6.1 Music Courses Offered for Students in Other Faculties

Some music courses are available for students in other faculties. (For information contact the Faculty of Music registrar.)

6.2 Music Minor for Students in Faculties other than the Faculty of Music

The music minor requires 18 credit hours of MUSC courses as follows:

MUSC 1280 Musical Style & Structure 1	3
MUSC 1290 Musical Style & Structure 2	3
Music courses from List A	12

Note: Acceptance into all MUSC courses is subject to space availability, consent of the instructor, and prerequisite requirements.

For a minor in music, it is recommended that MUSC 1280 (Musical Style & Structure 1) and MUSC 1290 (Musical Style & Structure 2) be taken before all other courses in List A.

Note: Completion of a minor in music does not satisfy the "teachable minor" required for admission to the After Degree B.Ed. Program in middle years and senior years.

List A

MUSC 1004	Introduction to Music in History 1	3
MUSC 1014	Introduction to Music in History 2	3
MUSC 1050	The Well-Tempered Concert-Goer	3
MUSC 1110	Music Theory 1	3
MUSC 1120	Music Theory 2	3
MUSC 2072	Jazz History 1	3
MUSC 2082	Jazz History 2	3
MUSC 2110	Music Theory 3	3
MUSC 2112	Jazz Theory 1	3
MUSC 2120	Music Theory 4	3
MUSC 2122	Jazz Theory 2	3
MUSC 2460	Conducting	3
MUSC 3050	Research Methods	3
MUSC 3054	Medieval and Renaissance Music History	3
MUSC 3064	Baroque Music History	3
MUSC 3074	Classical Music History	3
MUSC 3084	Romantic Music History	3
MUSC 3090	Introduction to Ethnomusicology	3
MUSC 3104	History of Opera I: From Monteverdi to Mozart	3
MUSC 3114	History of Opera II: From Mozart to Modern Era	3
MUSC 3130	Music for Children 1	6
MUSC 3140	Music for Children 2	6
MUSC 3230	Acoustics of Music	3

MUSC 3380	From Rock to Rap and Beyond: A History of Popular Music in the Later 20 th Century	3
MUSC 3390	From Ragtime to Rock 'n' Roll: A History of Popular Music in the 20 th Century	3
MUSC 3404	From New Wave to Rave: A History of Popular Music in the Late 20 th Century	3
MUSC 3650	Electroacoustic Music	3
MUSC 3690	Percussion Techniques	3
MUSC 3730	Early Musical Development	3
MUSC 3770	Vocal Techniques	3
MUSC 3780	Woodwind Techniques	3
MUSC 3790	Brass Techniques	3
MUSC 3800	String Techniques	3
MUSC 3840	Topics in Music	3
MUSC 3884	Introduction to Jazz for Music Educators	3
MUSC 3894	Guitar Techniques	3
MUSC 3964	History of Western Art Music After 1900	3
MUSC 3974	Music Theory After 1900	3
MUSC 4130	History of Women in Music	3
MUSC 4140	History of Canadian Music	3
MUSC 4154	Choral Repertoire	3
MUSC 4350	Music for Children 3	6
MUSC 4650	Interactive Computer Music	3
MUSC 4660	Computer Assisted Composition	3
MUSC 4750	Choral Techniques 1	3
MUSC 4760	Choral Techniques 2	3
MUSC 4770	Band & Orchestral Techniques 1	3
MUSC 4780	Band & Orchestral Techniques 2	3

List A Continued: Eligible Ensemble Courses

MUSC 1180	Ensemble	2
MUSC 1182	Jazz Ensemble 1	2
MUSC 1190	Ensemble	2
MUSC 2180	Ensemble	2
MUSC 2182	Jazz Ensemble 2	2
MUSC 2190	Ensemble	2
MUSC 3180	Ensemble	2
MUSC 3182	Jazz Ensemble 3	2
MUSC 3190	Ensemble	2
MUSC 4180	Ensemble	2
MUSC 4182	Jazz Ensemble 4	2
MUSC 4190	Ensemble	2

Note #1: All Ensemble Courses are 2 credit hours each.

Note #2: Students may take a maximum of three ensemble courses as part of a minor in music.

Note #3 Participation in ensembles is determined by audition.

Faculty of Pharmacy

Deletions:

PHRM 2220 Medicinal Chemistry 1 Cr.Hrs. 6	-6.0
PHRM 3220 Medicinal Chemistry 2 Cr.Hrs. 3	-3.0

Introduction:

PHRM 2222 Medicinal Chemistry Cr.Hrs. 6	+6.0
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This course explores the physicochemical aspects of drug structure in absorption, distribution, metabolism, and excretion, and the interaction between drugs and their receptors as they relate to the biochemical, pharmacological, and therapeutic actions of medicinal compounds

Prerequisites: CHEM 2210, CHEM 2360, CHEM 2370. May not be held with the former PHRM 2220 or PHRM 3220.

NET CHANGE IN CREDIT HOURS: -3.0

Program modifications:

PHRM 2220 Medicinal Chemistry 1 (6) will be deleted as a required course in year two of the B.Sc. in Pharmacy program. Students will now be required to complete PHRM 2222 Medicinal Chemistry (6) in year two. PHRM 3220 Medicinal Chemistry 2 (3) will be removed from the required courses for year three of the program.

Faculty of Science

Faculty of Science

Introduction:

FORS 3000 Forensics Processing and Analysis Cr.Hrs. 3	+3.0
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Theory and practice of processing various types of forensic evidence. Lectures will be given by experts from within the university and within the community. Topics covered in lecture and in lab exercises include: protocols to protect visible and latent scientific evidence; digital photography to record evidence; analytical methods with forensic applications; rules and procedures governing the collection of evidence and the admissibility and defense of scientific data in court.

Prerequisite: FORS 2000.

Program modification:

The faculty is proposing program modifications to the Bachelor of Science General degree: MATH 1690 is to be removed from "Group A"; COMP 1012, MATH 1210, MBIO 1010, MBIO 1220, and STAT 2220 are to be removed from "GROUP B" and, with the exception of MBIO 1220 are to be added to "GROUP A"; MBIO 2020 is to be added to "Group A".

NET CHANGE IN CREDIT HOURS: +3.0

**FACULTY OF SCIENCE
MODIFICATIONS TO THE B.Sc. GENERAL DEGREE
EFFECTIVE 2013 FALL TERM**

Current Regulations:

B.Sc. General Academic Regulations

A student must complete 90 credit hours with passing grades ("D" or better) in each course. A student must obtain a minimum grade point average of 2.00 on the 90 credit hours which constitute the degree to qualify for the degree of Bachelor of Science (General).

There is no limit on the number of courses that can be taken within the B.Sc. (General). Students may not exceed 36 credit hours of failures.

Introductory Level Science courses (24 credit hours): Students must select 6 credit hours from each of 3 areas listed below (18 credit hours) in Group A. Additionally, students must select 6 credit hours from any courses listed in Group A and/or Group B.

NOTE: No more than 6 credit hours may be selected from any single subject area for use toward the 24 credit hours of introductory course requirements.

Group A:

Astronomy: six credit hours chosen from PHYS 1810, PHYS 1820, PHYS 1830

Biology: BIOL 1020 and BIOL 1030

Chemistry: CHEM 1300 and CHEM 1310

Computer Science: COMP 1010 and COMP 1020

Mathematics: six credit hours chosen from MATH 1200, MATH 1300 (or equivalent), MATH 1500, (or equivalent), MATH 1700 (or equivalent), ~~MATH 1690 (6)~~.

Physics: PHYS 1020 or PHYS 1050; and PHYS 1030 or PHYS 1070

Statistics: STAT 1000 and STAT 2000

Group B:

BIOL 1410, ~~COMP 1012~~², FORS 2000, MATH 1210¹, ~~MBIO 1010, MBIO 1220, STAT 2220~~³

Notes:

1. MATH 1210 is intended for Engineering students and may not be held for credit with MATH 1200 or MATH 1300.
2. COMP 1012 is intended for Engineering students and may not be held for credit with COMP 1010.
3. STAT 2220 is intended for Engineering students and may not to be held for credit with STAT 1000.

**FACULTY OF SCIENCE
MODIFICATIONS TO THE B.Sc. GENERAL DEGREE
EFFECTIVE 2013 FALL TERM**

Proposed Regulations:

B.Sc. General Academic Regulations

A student must complete 90 credit hours with passing grades ("D" or better) in each course. A student must obtain a minimum grade point average of 2.00 on the 90 credit hours which constitute the degree to qualify for the degree of Bachelor of Science (General).

There is no limit on the number of courses that can be taken within the B.Sc. (General). Students may not exceed 36 credit hours of failures.

Introductory Level Science courses (24 credit hours): Students must select 6 credit hours from each of 3 areas listed below (18 credit hours) in Group A. Additionally, students must select 6 credit hours from any courses listed in Group A and/or Group B.

NOTE: No more than 6 credit hours may be selected from any single subject area for use toward the 24 credit hours of introductory course requirements.

Group A (Departments in the Faculty of Science):

Astronomy: six credit hours chosen from PHYS 1810, PHYS 1820, PHYS 1830

Biology: BIOL 1020 and BIOL 1030

Chemistry: CHEM 1300 and CHEM 1310

Computer Science: COMP 1010 (or COMP 1012²) and COMP 1020

Mathematics: six credit hours chosen from MATH 1200, MATH 1300 (or equivalent), MATH 1210¹, MATH 1500, (or equivalent), MATH 1700 (or equivalent).

Microbiology: MBIO 1010 and MBIO 2020

Physics: PHYS 1020 or PHYS 1050; and PHYS 1030 or PHYS 1070

Statistics: STAT 1000 (or STAT 2220³) and STAT 2000

Group B (Other courses that can be used toward the Introductory requirements in the General Degree):

BIOL 1410, FORS 2000

Notes:

1. MATH 1210 is intended for Engineering students and may not be held for credit with MATH 1200 or MATH 1300.

2. COMP 1012 is intended for Engineering students and may not be held for credit with COMP 1010.

3. STAT 2220 is intended for Engineering students and may not to be held for credit with STAT 1000

Biochemistry

Program modification:

BIOCHEMISTRY PROGRAM MODIFICATION EFFECTIVE 2013 FALL TERM

Current List of Optional courses for Honours and Honours Co-op:

Chemistry and Microbiology Option Courses for Biochemistry Honours Students:

CHEM: 2290, 3400 3360, 3370, 3390, 3490, 3580, 4370, 4570, 4580, 4590, 4600, 4640, 4650, 4670, 4680, 4690, 4710 (6)

MBIO: 3000, 3010, 3030, 3280, 3430, 3470, 4010, 4020, 4410, 4440, 4480, 4520, 4530, 4570, 4580, 4600, 4610, 4670 (or 4672)

Proposed List of Optional courses for Honours and Honours Co-op:

Chemistry and Microbiology Option Courses for Biochemistry Honours Students:

CHEM: 2290, 3400 3360, 3370, 3390, 3490, 3580, 3590, 4370, 4570, 4580, 4590, 4600, 4640, 4650, 4670, 4680, 4690, 4710 (6)

MBIO: 3000, 3010, 3030, 3280, 3430, 3470, 4010, 4020, 4410, 4440, 4480, 4520, 4530, 4570, 4580, 4600, 4610, 4670 (or 4672)

Rationale: Add CHEM 3590 to the option list. It was inadvertently omitted when the program was last modified.

Biological Sciences

Deletions:

BIOL 1110 Health and Health Professions Cr.Hrs. 3	-3.0
BIOL 4240 Advanced Plant Systematics Cr.Hrs. 3	-3.0
BIOL 4242 The Evolution of Plant Structures and Systems Cr.Hrs. 3	-3.0
BIOL 4552 Molecular Biology Techniques for Eukaryotes Cr.Hrs. 3	-3.0

Introductions:

BIOL 4554 Molecular Biology Techniques for Eukaryotes – DNA Cr.Hrs. 3 +3.0
A techniques-intensive course focusing on the understanding of molecular biology techniques, troubleshooting problems, writing reproducible laboratory experiments for publications, accurate recording of procedures in lab journals, and bioinformatics exercises from a DNA perspective. This course is designed for 4th year undergraduate and graduate students interested in understanding the theory and application of molecular methods specifically focusing on eukaryotic DNA. Students will all learn essential and cutting-edge molecular biology techniques involved in gene structure, amplification, transformation and sequencing among others. Prerequisite: BIOL 2520. May not be held with BIOL 4552.

BIOL 4556 Molecular Biology Techniques for Eukaryotes – RNA Cr.Hrs. 3 +3.0
This is a "hands on" techniques course designed for the 3rd and 4th year undergraduate level. The purpose of this course is to train students in current molecular biology techniques dealing with highly sensitive RNA molecules. The students will learn all essential steps involved to identify the messenger RNA expression of a particular target protein in plant or animal (invertebrates) systems. Prerequisite: BIOL 2520. May not be held with BIOL 4552.

BIOL 4300 Evolution and Adaptation Cr.Hrs. 3 +3.0
Lectures and discussions on advances in evolutionary research. Topics will include systematics, evolutionary genetics, evolution and development, co-evolution, mating systems, species ranges, eco-evolutionary dynamics, and evolution in society. Prerequisite: BIOL 3300 (C).

Modifications:

BIOL 4470 Sensory-Motor Physiology Cr.Hrs. 3 0.0
Information flow in the nervous system and the control of behaviour. The diverse roles that ion channels and synaptic circuitry play in sensory reception, neuronal integration and motor control are emphasized. Prerequisite: a "C" or better in one of BIOL 2410 (ZOO 2530, 022.253), BIOL 2411 (ZOO 2531), BIOL 3472, the former BIOL 3460 (ZOO 3530, 022.353), 022.245, 022.337, or 022.352; or consent of department.

NET CHANGE IN CREDIT HOURS: -3.0

Program modifications (Biological Sciences):

BIOLOGICAL SCIENCES PROGRAM MODIFICATIONS EFFECTIVE 2013 FALL TERM

B.Sc. Major Degree (Co-operative Option) in Biological Sciences – all themes

Proposal: To remove **BIOL 3100** as a required course for students in the B.Sc. Major Co-op degree programs.

The net result of the proposed change will decrease required credit hours by three, and increase elective credit hours by three. Therefore, students in both the Major Program and Co-op Major Program will complete the same number of required courses.

Rational: Over the last two years the demand for BIOL 3100 has been high and running at, or over capacity. With the increased numbers of Honours students, the Department of Biological Sciences wanted to ensure that all Honours students had access to the course and therefore it was agreed that by removing it as a requirement for students in the B.Sc. Major Co-op programs, the current level of instruction and learning could be maintained thus ensuring an appropriate environment for the Honours students in the Department of Biological Sciences.

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE EVOLUTION AND BIODIVERSITY THEME

CURRENT HONOURS (INCL. CO-OP) REQUIREMENTS:

HONOURS: Evolution and Biodiversity Theme (incl. Co-operative Option) 120 CREDIT HOURS			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Choose one course from each of: Group A: BIOL 2200, BIOL 2210 Group B: BIOL 2240, BIOL 2242, BIOL 2260 Plus one additional course from either Group A or Group B	BIOL 3100, BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 3 credit hours chosen from the Evolutionary Processes List (A) above. 3 credit hours chosen from the Biodiversity course List (B) above. 30 credit hours of 3000 or 4000 level Biology courses ⁴ (courses from outside Biology may be approved by the theme advisor). 9 credit hours of approved electives	BIOL 4100 (6)
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course 18 credit hours of approved electives		Work Terms (if Co-op Selected): BIOL 3980, BIOL 3990	Work Terms (if Co-op Selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE EVOLUTION AND BIODIVERSITY THEME

PROPOSED HONOURS (INCL. CO-OP) REQUIREMENTS:

HONOURS: Evolution and Biodiversity Theme (incl. Co-operative Option) 120 CREDIT HOURS			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Choose one course from each of: Group A: BIOL 2200, BIOL 2210 Group B: BIOL 2240, BIOL 2242, BIOL 2260 Plus one additional course from either Group A or Group B	BIOL 3100, BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 3 credit hours chosen from the Evolutionary Processes List (A) above. 3 credit hours chosen from the Biodiversity course List (B) above. 24 credit hours of 3000 or 4000 level Biology courses ⁴ (courses from outside Biology may be approved by the theme advisor). 15 credit hours of approved electives	BIOL 4100 (6)
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course 18 credit hours of approved electives		Work Terms (if Co-op Selected): BIOL 3980, BIOL 3990	Work Terms (if Co-op Selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

Rationale: Currently students registered in the Evolution and Biodiversity theme are required to take 30CH at 3000 and 4000 level plus the two required courses for that theme. The UGCC moves to reduce the 30CH requirement as described in the calendar to 24 CH at 3000 and 4000 level plus the two 3000 or 4000 level courses required for that theme. This reflects similar arrangements in the Physiology and Ecology themes.

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE EVOLUTION AND BIODIVERSITY THEME

CURRENT MAJOR (INCL. CO-OP) REQUIREMENTS:

4-YEAR MAJOR: Evolution and Biodiversity Theme (incl. Co-op)⁸ 120 CREDIT HOURS (Courses listed in chart below and electives)			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Choose one course from each of: Group A: BIOL 2200, BIOL 2210 Group B: BIOL 2240, BIOL 2242, BIOL 2260 Plus one additional course from either Group A or Group B	BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 3 credit hours chosen from the Evolutionary Processes List (A) above. 3 credit hours chosen from the Biodiversity course List (B) above. 30-credit hours of 3000 or 4000 level Biology courses ⁴ (courses from outside Biology may be approved by the theme advisor). Enough elective credit hours required to total 120 credit hours for the program.	
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course		Cooperative Option Requirements (if selected): BIOL 3980, BIOL 3990	Cooperative Option Requirements (if selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE EVOLUTION AND BIODIVERSITY THEME

PROPOSED MAJOR (INCL. CO-OP) REQUIREMENTS:

4-YEAR MAJOR: Evolution and Biodiversity Theme (incl. Co-op)⁶ 120 CREDIT HOURS (Courses listed in chart below and electives)			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Choose one course from each of: Group A: BIOL 2200, BIOL 2210 Group B: BIOL 2240, BIOL 2242, BIOL 2260 Plus one additional course from either Group A or Group B	BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 3 credit hours chosen from the Evolutionary Processes List (A) above. 3 credit hours chosen from the Biodiversity course List (B) above. <u>24 credit hours</u> of 3000 or 4000 level Biology courses ⁴ (courses from outside Biology may be approved by the theme advisor). Enough elective credit hours required to total 120 credit hours for the program.	
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course		Cooperative Option Requirements (If selected): BIOL 3980, BIOL 3990	Cooperative Option Requirements (if selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

Rationale: Currently students registered in the Evolution and Biodiversity theme are required to take 30CH at 3000 / 4000 level, plus the two required courses for that theme. The UGCC moves to reduce the 30CH requirement as described in the calendar to 24 CH at 3000 and 4000 level plus the two 3000 or 4000 level courses required for that theme. This reflects similar arrangements in the Physiology and Ecology themes.

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE INTEGRATIVE BIOLOGY THEME

CURRENT HONOURS REQUIREMENTS:

HONOURS: Integrative Biology Theme (incl. Co-operative Option) 120 CREDIT HOURS			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Required Theme courses: BIOL 2200, BIOL 2210, BIOL 2240, BIOL 2242 MBIO 1010	BIOL 3100, BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472	BIOL 4100 (6)
		18 credit hours of 3000 or 4000 ³ level Biological Sciences courses ⁴ 12 credit hours of 3000 or 4000 ³ level Microbiology courses 15 credit hours of approved electives	
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course 12 credit hours of approved electives		Work Terms (If Co-op Selected): BIOL 3980, BIOL 3990	Work Terms (If Co-op Selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510, ...

2. IMPORTANT: The programs...

~~3. For the Integrative Biology Theme only, a maximum of 15 credit hours of 2000 level Microbiology and Biological Sciences courses may be used towards the 30 hours of 3000/4000 level requirements.~~

4. Courses ...

5. Students ...

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE INTEGRATIVE BIOLOGY THEME

PROPOSED HONOURS (INCL. CO-OP) REQUIREMENTS:

HONOURS: Integrative Biology Theme (incl. Co-operative Option) 120 CREDIT HOURS			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Required Theme courses: BIOL 2200, BIOL 2210, BIOL 2240, BIOL 2242 MBIO 1010 <u>CHEM 2770 and CHEM 2780; or,</u> <u>CHEM 2210, CHEM 2360,</u> <u>CHEM 2370</u>	BIOL 3100, BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 <u>24 credit hours</u> of 3000 or 4000 ³ level Biological Sciences courses ⁴ <u>6 credit hours</u> of 3000 or 4000 ³ level Microbiology courses <u>Enough elective credit hours required to total 120 credit hours for the program.</u>	BIOL 4100 (6)
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course 12 credit hours of approved electives		Work Terms (If Co-op Selected): BIOL 3980, BIOL 3990	Work Terms (If Co-op Selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510, ...

2. IMPORTANT: The programs...

3. Courses ...

4. Students ...

Summary of Changes:

1. CHEM 2770 and CHEM 2780 (or CHEM 2210, CHEM 2360 and CHEM 2370) now required courses in program.
2. Increase ratio of BIOL required courses to MBIO courses (BIOL = 24 hours / MBIO = 6 hours – currently BIOL = 18 / MBIO = 12)
3. Eliminate use of 2000 level courses as optional 3000/4000 BIOL and MBIO courses.

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE INTEGRATIVE BIOLOGY THEME

CURRENT MAJOR REQUIREMENTS:

4-YEAR MAJOR: Integrative Biology Theme (incl. Co-op) ⁵ 120 CREDIT HOURS (Courses listed in chart below and electives)			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Required Theme course: BIOL 2200, BIOL 2210, BIOL 2240, BIOL 2242 MBIO 1010	BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 18 credit-hours of 3000 or 4000 ³ level Biology courses ⁴ 12 credit-hours of 3000 or 4000 ³ level Microbiology courses Enough elective credit hours required to total 120 credit hours for the program.	
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course		Cooperative Option Requirements (if selected): BIOL 3980, BIOL 3990	Cooperative Option Requirements (if selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510...

2. IMPORTANT: ...

3. For the Integrative Biology Theme only, a maximum of 15 credit hours of 2000 level Microbiology and Biological Sciences courses may be used towards the 30 hours of 3000/4000 level requirements.

4. Courses ...

5. Students ...

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

CHANGES TO THE REQUIREMENTS OF THE INTEGRATIVE BIOLOGY THEME

PROPOSED MAJOR (INCL. CO-OP) REQUIREMENTS:

4-YEAR MAJOR: Integrative Biology Theme (incl. Co-op) ⁸ 120 CREDIT HOURS (Courses listed in chart below and electives)			
BIOL 1020, BIOL 1030 CHEM 1300, CHEM 1310 STAT 1000	BIOL 2300, BIOL 2500, BIOL 2520 Required Theme course: BIOL 2200, BIOL 2210, BIOL 2240, BIOL 2242 MBIO 1010 <u>CHEM 2770 and CHEM 2780;</u> <u>or;</u> <u>CHEM 2210, CHEM 2360,</u> <u>CHEM 2370</u>	BIOL 3300 Choose one of the following: BIOL 3450, BIOL 3470, BIOL 3472 <u>24 credit hours</u> of 3000 or 4000 ³ level Biology courses ⁴ <u>6 credit hours</u> of 3000 or 4000 ³ level Microbiology courses Enough elective credit hours required to total 120 credit hours for the program.	
In Year 1 or Year 2 the following must be completed: 3 credit hours of Mathematics or Physics chosen from: MATH 1200, MATH 1300 ¹ , MATH 1500 ¹ , PHYS 1020 or PHYS 1050 6 credit hours from the Faculty of Arts, including a required "W" course		Cooperative Option Requirements (if selected): BIOL 3980, BIOL 3990	Cooperative Option Requirements (if selected): BIOL 4980, BIOL 4990 (if necessary)
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510...

2. IMPORTANT: ...

3. Courses ...

4. Students ...

Summary of Changes:

1. CHEM 2770 and CHEM 2780 (or CHEM 2210, CHEM 2360 and CHEM 2370) now required courses in program.
2. Increase ratio of BIOL required courses to MBIO courses (BIOL = 24 hours / MBIO = 12 hours)
3. Eliminate use of 2000 level courses as optional 3000/4000 BIOL and MBIO courses.

Microbiology

Modifications:

MBIO 1220 Essentials of Microbiology Cr.Hrs. 3 0.0

An introduction to the essential principles of microbiology including immunity, with emphasis on microbial disease. Not available to students who have previously obtained credit in or are currently enrolled in MBIO 1010 or MBIO 1011 (or the former MBIO 2100 or MBIO 2101). Prerequisite: any grade 12 or 40S Mathematics or equivalent. This prerequisite is waived for students in the Baccalaureate Program for Registered Nurses. NOTE: MBIO 1220 is intended for students planning to enter the Faculty of Nursing or other health care or related programs. Students that have completed MBIO 1010 but wish to take MBIO 1220 to satisfy Faculty of Nursing entrance requirements must obtain departmental permission prior to registering for MBIO 1220. MBIO 1220 cannot be used to satisfy the requirements of the Microbiology Honours or Major degree programs. MBIO 1220 can be used as an elective course in any Science program.

MBIO 2410 Essentials of Molecular Biology Cr.Hrs. 3 0.0

An introduction to the mechanisms, themes and patterns present in the molecular biology of both eukaryotic and prokaryotic organisms. The applications of molecular biology to disciplines such as genomics, applied bioinformatics and medical microbiology will be discussed. Not available to students who have previously obtained credit in, or are currently enrolled in the following courses: BIOL 2500, BIOL 2501, MBIO 2020, MBIO 2021, the former MBIO 2110 (or MBIO 2111), MBIO 3410 or MBIO 3411. Prerequisite: one of grade 12 Biology, grade 12 Chemistry, BIOL 1000, CHEM 1000, or any higher level Chemistry or Biology course; or consent of department. NOTE: MBIO 2410 is intended for students outside of Microbiology and Biological Sciences who require an introduction to molecular biology, such as those with interests in bioinformatics, biophysics, or bioengineering. Although this course may be used as an elective in an Arts or Science program, it may not be used to meet a program requirement for an Honours or Major program in Microbiology.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (Microbiology):

**MICROBIOLOGY
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

Programs Affected by Course Modification Proposals
<ul style="list-style-type: none">• B.Sc. Major Degree in Microbiology• B.Sc. Major Degree in Microbiology – Co-op Option• B.Sc. Honours Degree in Microbiology• B.Sc. Honours Degree in Microbiology – Co-op Option
<p>Summary of Proposed Changes:</p> <p>Because of the approved restrictions introduced in courses: MBIO 1220 and MBIO 2410, the “Notes” sections of the Microbiology program charts will be adjusted to reflect the new restrictions. The notes will indicate that MBIO 1220 and MBIO 2410 cannot be used to satisfy requirements of the above listed programs.</p> <p>The two courses may be used as electives in the programs if completed in an allowable sequence for interest or to meet other faculty requirements.</p> <p>Rationale: These changes are required because of the restrictions placed on MBIO 1220 and MBIO 2410.</p>

Physics and Astronomy

Modifications:

PHYS 2260 Optics Cr.Hrs. 3 0.0
(Lab Required) (Formerly 016.226) A survey of refraction, reflection, simple lens systems and optical systems, dispersion, achromatism and an elementary treatment of diffraction, interference, and polarization. Not to be held with PHYS 2261. Prerequisites: A "C" or better in PHYS 1070 or PHYS 1071 (016.107) or PHYS 2152, or a "C+" or better in both of PHYS 1020 (or equivalent – PHYS 1021, 016.102) and PHYS 1030 (or equivalent – PHYS 1031, 016.103); and a "C" or better in one of MATH 1500, MATH 1501 (136.150), MATH 1510 (136.151), MATH 1520 (136.152), the former 136.153, or MATH 1690 (136.169). Prerequisite or concurrent requirements: one of MATH 1300, MATH 1301 (136.130), or MATH 1310 (136.131); and one of MATH 1690, MATH 1700, MATH 1701 (136.170), MATH 1710 (136.171), or the former 136.173.

PHYS 2380 Quantum Physics 1 Cr.Hrs. 3 0.0
(Formerly 016.238) The first in a sequence of three courses on Quantum Physics. This course introduces the basic principles of quantum theory including cavity radiation and Planck's postulate, wave-particle duality, the Bohr model, and the Schrodinger theory of quantum mechanics. Special emphasis is placed on the derivation of the time independent Schrodinger equation and its solutions in one dimension. Not to be held with the former 016.250. Prerequisites: PHYS 1070 or PHYS 1071 (016.107) or PHYS 2152 (C); and one of MATH 1690 (136.169) (C), MATH 1700, MATH 1701 (136.170) (C), MATH 1710 (136.171) (C), or the former 136.173 (C).

PHYS 2600 Electromagnetic Field Theory Cr.Hrs. 3 0.0
(Formerly 016.260) Electric field, electric potential, Gauss' law, capacitors, dielectric materials, magnetic fields, Ampere's law, magnetic induction, magnetic materials, displacement current, integral form of Maxwell's equations. Not to be held with PHYS 2200 or PHYS 2201 (016.220). Prerequisites: a "C" or better in one of PHYS 1070, PHYS 1071 (016.107), PHYS 2152, the former 016.106, or the former 016.120; and a "C" or better in one of MATH 1690 (136.169), MATH 1700, MATH 1701 (136.170), MATH 1710 (136.171) or the former 136.173.

PHYS 2650 Classical Mechanics 1 Cr.Hrs. 3 0.0
(Formerly 016.265) The first in a sequence of three courses on intermediate to advanced level mechanics. Topics include dynamics of a particle, conservation theorems, rotation, rolling motion, oscillations, gravitation and central force motion, and associated mathematical methods. Prerequisite: one of PHYS 1070, PHYS 1071 (016.107), the former 016.106, or PHYS 2152 (C). Prerequisite or concurrent requirements: PHYS 2490 or MATH 3132.

PHYS 3180 Stars Cr.Hrs. 3 0.0
(Formerly 016.318) This course is an application of physics to the structure of stars, their formation and evolution; theoretical models and observations; comparisons of main sequence stars like our Sun, binary star systems, post-main sequence evolution, and the final stages of stellar evolution such as the formation of white dwarfs, neutron stars and black holes. Prerequisite: PHYS 1070 or PHYS 1071 (016.107) or PHYS 2152 (C).

PHYS 3220 Medical Physics and Physiological Measurement Cr.Hrs. 3 0.0
(Formerly 016.322) This course will introduce the core subject areas of Medical Physics, in particular diagnostic and therapeutic radiology. It will cover the physics of medical imaging (X-

ray, Ultrasound, CT, MRI and Nuclear Medicine) and will provide the student with an introduction to the physics underlying neurological, audiological, respiratory and vascular function and measurements. The mechanics of body systems and the theory, medical applications and safety issues relating to the production, use, detection and measurements of electromagnetic radiation (both ionizing and non-ionizing) will be included. Prerequisite: one of PHYS 2600 (016.260) (C) or PHYS 2210 (or the former PHYS 2200 or 016.220)(C), or ECE 3580, or consent of the department.

PHYS 3630 Electro- and Magnetostatic Theory Cr.Hrs. 3 0.0
Material covered will include electrostatics (i.e. Gauss; Law), Laplace and Poisson equations) and magnetostatics (Lorentz force, Maxwell equations) as well as the properties of electrostatic fields in matter and magnetism in materials. Not to be held with the former 016.369.
Prerequisites: PHYS 2600 (016.260) (C); and PHYS 2490 or the former 016:237 or MATH 3132 (C); or consent of department.

PHYS 3640 Electro- and Magnetodynamics and Special Relativity Cr.Hrs. 3 0.0
Topics covered will include time dependent Maxwell's equations, Ohm's and Faraday's Law, electromagnetic waves, potential and fields, radiation, and special relativity including the Lorentz transformations. Not to be held with the former 016.369. Prerequisite: PHYS 3630 or ECE 3590 (C).

PHYS 3670 Classical Thermodynamics Cr.Hrs. 3 0.0
An introduction to the laws of classical equilibrium thermodynamics and their applications. Not to be held with the former 016.341. Prerequisite: PHYS 2490 or the former 016.237 or MATH 3132 (C).

NET CHANGE IN CREDIT HOURS: 0.0

Psychology

Program modifications:

PSYCHOLOGY PROGRAM MODIFICATION EFFECTIVE 2013 FALL TERM

Current Honours Program Chart:

4.12.2 Psychology			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS⁸ 120 CREDIT HOURS (comprising courses listed in chart below, and electives)			
PSYC 1200 (B+) (or PSYC 1211 (B+) and PSYC 1221 (B+)) (6)	PSYC 2250, PSYC 2260 6 credit hours 2000 or 3000 level ² Psychology	One of: PSYC 3630 or PSYC 3340 PSYC 3200	PSYC 4520 (6) 18 credit hours Psychology ⁴
6 credit hours Science ¹ (B)	15 credit hours Science ⁵ 3 credit hours options ⁶	3 credit hours from: PSYC 3520, PSYC 3560, PSYC 3590 or a 4000 level PSYC course 12 credit hours Psychology ³ 9 credit hours Science ⁵	6 credit hours Science ⁵
30 Hours	30 Hours	30 Hours	30 Hours

Proposed Honours Program Chart:

4.12.2 Psychology			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS⁸ 120 CREDIT HOURS (comprising courses listed in chart below, and electives)			
PSYC 1200 (B+) (or PSYC 1211 (B+) and PSYC 1221 (B+)) (6)	PSYC 2250, PSYC 2260 6 credit hours 2000 or 3000 level ² Psychology	PSYC 3200, PSYC 3630, PSYC 3340	PSYC 4520 (6) 18 credit hours Psychology ⁴
6 credit hours Science ¹ (B)	15 credit hours Science ⁵ 3 credit hours options ⁶	3 credit hours from: PSYC 3520, PSYC 3560, PSYC 3590 or a 4000 level PSYC course 9 credit hours Psychology ³ 9 credit hours Science ⁵	6 credit hours Science ⁵
30 Hours	30 Hours	30 Hours	30 Hours

Université de Saint-Boniface

Philosophie:

Deletions:

PHIL 2821 L'existentialisme Cr.Hrs. 6	-6.0
PHIL 3571 Philosophie de l'homme Cr.Hrs. 3	-3.0

Introductions:

PHIL 2171 Sujets particuliers 1 Cr.Hrs. 3	+3.0
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Contenu variable. Préalable: une note minimale de C dans trois crédits de philosophie ou avoir complété un minimum de 30 crédits universitaires. Compte tenu du fait que le contenu de ce cours varie d'année en année, il peut être suivi plus d'une fois.

PHIL 2823 Philosophie de l'existence Cr.Hrs. 3	+3.0
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Présentation des principaux thèmes de ce courant philosophique et mise en relief de la vision particulière des auteurs étudiés, en particulier celle de Søren Kierkegaard, de Karl Jaspers, de Martin Buber, de Gabriel Marcel, de Jean-Paul Sartre et de Paul-Louis Landsberg. On ne peut se faire créditer PHIL 2823 et l'ancien PHIL 2820 ou PHIL 2821.

NET CHANGE IN CREDIT HOURS: -3.0

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

Terms of reference for the Senate Committee on Awards include the following responsibility:

On behalf of Senate, to approve and inform Senate of all new offers and amended offers of awards that meet the published guidelines presented to Senate on November 3, 1999, and as thereafter amended by Senate. Where, in the opinion of the Committee, acceptance is recommended for new offers and amended offers which do not meet the published guidelines or which otherwise appear to be discriminatory under the policy on the *Non-Acceptance of Discriminatory Awards*, such offers shall be submitted to Senate for approval. (Senate, October 7, 2009)

Observations

At its meeting of October 25, 2012 the Senate Committee on Awards approved three new offers and two amended offers as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 25, 2012).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve three new offers and two amended offers as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 25, 2012). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. David Kuhn
Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

Appendix A October 25, 2012

1. NEW OFFERS

Anne DuMoulin Bursary in Social Work

With a gift from Anne DuMoulin, an endowment fund has been established to provide bursary support in the Faculty of Social Work. The bursary, valued at the available annual interest, will be awarded to an undergraduate student who:

- (1) is enrolled full-time in any year of study in the Faculty of Social Work at the University of Manitoba;
- (2) has achieved a minimum degree grade point average of 2.0;
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to divide the annual interest and offer more than one bursary. Preference will be given to past recipients who meet the above criteria.

The selection committee will be the Standing Committee of the Faculty of Social Work.

Jim Hicks Bursary

In memory of James D. (Jim) Hicks, family, friends, and colleagues have established an endowment fund at the University of Manitoba. In honour of Jim, who earned a Bachelor of Science degree from the University of Winnipeg and subsequently pursued a career as a professional agronomist, soil specialist, and manager of an environmental consulting firm, the fund will be used to offer bursaries to students pursuing a degree in a related discipline. In the 2012-2013 academic year, one bursary valued at \$500 will be offered. As of the 2013-2014 academic year, one bursary valued at \$1,000 will be offered. Each year, a bursary will be offered to an undergraduate student who:

- (1) has completed at least one year of full-time study (minimum 24 credit hours) at the University of Manitoba;
- (2) in the next ensuing academic session, is enrolled in a minimum of 24 credit hours in one of the following faculties:
 - (i) Faculty of Agricultural and Food Sciences, pursuing a degree in the areas of Agroecology, Soil Sciences or Agronomy;
 - (ii) Clayton H. Riddell Faculty of Environment, Earth and Resources, pursuing a degree in the areas of Environmental Science or Environmental Studies; or
 - (iii) Faculty of Science, pursuing a degree program in the theme areas delivered by the Department of Biological Sciences;
- (3) has achieved a minimum degree grade point average of 2.5;
- (4) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will be named by the Director of Financial Aid and Awards (or designate).

Patricia N. and Mark G. Smerchanski Law Entrance Scholarship

In 2011, Rhonda G. Smerchanski (B.Sc Hons/72, MSc/75) and Patricia B. Smerchanski (B. Comm (Hons.)/73, LLB/76) established an endowment fund at the University of Manitoba with a gift of \$50,000

in honour of their parents, Patricia N. (LLB/66) and Mark G. Smerchanski (B.Sc (Hons)/37). The purpose of this fund is to encourage students who have successfully completed a Bachelor of Commerce degree (or equivalent) to obtain their J.D. in the Faculty of Law (Robson Hall). Beginning with the 2013-2014 academic year, the available annual income will be used to offer one or more scholarships to undergraduate student(s) who:

- (1) are enrolled full-time in the Faculty of Law at the University of Manitoba in their first year of study;
- (2) have completed their Bachelor of Commerce (Honours) degree from the University of Manitoba;
- (3) have achieved a minimum degree grade point average of 3.5 (or equivalent).

In any year there are no applicants who have completed their Bachelor of Commerce (Honours) degree from the University of Manitoba the scholarship may be awarded to a student with an equivalent business degree from another accredited Canadian university.

In the event that there are no successful candidates in a given year, the donors request that the award not be disbursed and any unspent revenue be combined with the next year's annual income to offer a larger award.

If there is more than one person who meets the criteria of this scholarship, the amount of the award is to be shared equally between the top two candidates.

The selection committee will be named by the Dean of the Faculty of Law.

The Board of Governors of the University of Manitoba has the right to modify the terms of this award if, because of changed conditions, it becomes necessary to do so. Such modification shall conform as closely as possible to the expressed intention of the donor in establishing the award.

2. AMENDMENTS

Manitoba Bar Association Solomon Greenberg Prize in Advocacy

The following amendments have been made to the terms of reference for the Manitoba Bar Association Solomon Greenberg Prize in Advocacy:

- First place award value was increased from \$300 to \$450 while the second prize award value was increased from \$200 to \$300.

University of Manitoba Undergraduate Research Awards

The following amendments have been made to the terms of reference for the University of Manitoba Undergraduate Research Awards:

- A deadline date was added to the second sentence in the first paragraph which now reads: "Each year, the Office of the Vice-President (Research and International) will contact Financial Aid and Awards by no later than March 1st to indicate whether the awards will be available."
- Criterion (1) now reads: "have completed at least 24 credit hours of undergraduate courses at the University of Manitoba;"
- Criterion (2) now reads: "are enrolled full-time (80% full course load) in any faculty or school at the University of Manitoba;"
- Criterion (3) is the former criterion (2).
- Some editorial changes made.



UNIVERSITY
OF MANITOBA

Office of the Vice-President
(Academic) & Provost

208 Administration Building
Winnipeg, Manitoba
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November 5, 2012

Mr. Jeff Leclerc
University Secretary

Dear Jeff,

Re: International College of Manitoba Annual Report

On behalf of the University of Manitoba - International College of Manitoba Academic Advisory Council (AAC), I am pleased to provide a copy of Annual Report on the Operations of the International College of Manitoba, September 2011 to August 2012.

Please note that the attached report includes information of the performance of students in the ICM program, as well as statistics comparing the performance of ICM students who have subsequently enrolled at the UM, with that of domestic and other international undergraduate students admitted in Fall 2010, and assessed in 2011-2012, following their second year of study. Although the sample size for the ICM group remains small (202) at this stage, these data suggest that ICM graduates are performing at least as well as other international students who have entered the University of Manitoba directly.

Also attached to the Annual Report is the "ICM Instructor Feedback Summary" which was approved at the October 15, 2012 U of M-ICM Council Meeting.

Sincerely,

David M. Collins, Ph.D.
Vice-Provost (Academic Planning & Programs)

Encl.

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Annual Report on the Operations of the International College of Manitoba September 2011 to August 2012

The International College of Manitoba (ICM) was established in September 2008, to assist international students to transition to a Canadian university environment, namely the University of Manitoba. The teaching and learning supports that are provided by ICM are designed to ensure that students will succeed when they transfer to the University of Manitoba.

ICM offers two programs, a pre-university/foundation program called University Transfer Program I (UTP I) and a university level program called University Transfer Program II (UTP II).

Transition to University of Manitoba

ICM students must meet the admission requirements of their target faculty to gain admission to the University of Manitoba. The following table (Table 1) documents students who have passed through the program of study that they undertook while at ICM. Students may apply to a Faculty other than their stream of study at ICM, and do so if they change their field of interest, do not meet the eligibility requirements of their target faculties, or the target faculty has only September admission available.

Table 1: Students graduated from the ICM program

Semester	Arts	Business	Engineering	Science	Total
Aug-09	0	6	1	4	11
Dec-09	1	6	1	5	13
Apr-10	3	9	2	6	20
Aug-10	5	19	11	13	48
Dec-10	12	14	5	11	42
Apr-11	7	26	8	14	55
Aug-11	17	32	17	21	88
Dec-11	22	27	8	6	63
Apr-12	12	26	12	10	61
Aug-12	24	37	22	23	106
				Cumulative	507

Student Diversity

This year ICM had students from 45 countries. China and Hong Kong have the highest representation, followed by students from Nigeria, Pakistan, and India.

Merit Scholarships

Each term, ICM awards two merit scholarships that cover the term's tuition fees. Recipients for this year came from China, Hong Kong, Kenya, Russia and Vietnam.

Services for ICM students

ICM provides a variety of formal and informal supports to students. It continues to offer Integrated Learning Skills, a required course in the first semester to help students transition both culturally and academically to their new educational environment. The course also emphasizes writing and research skills, note-taking, test preparation, organizational strategies, academic integrity, group presentations and getting to know both the U of M and Winnipeg.

ICM continues to require students at risk to participate in a workshop series that provides information about the University of Manitoba's good standing policies as well as a variety of tools to increase academic success.

A number of presentations are offered by ICM each semester to provide information on topics such as admissions to the U of M, program planning, academic standing, study permit renewals, and transition to the University of Manitoba. ICM alumni are also engaged to provide helpful information to students who are about to progress to the University.

ICM Student Services uses an advising model that is a combination of personal meetings, use of social media, email and an e-learning portal to engage with students and support students at risk.

Quality Assurance

ICM, in agreement with the University of Manitoba, has a range of quality assurance measures including, oversight by University Faculties of all UTP II course outlines, mid-terms, final examination papers and marking schemes to ensure the highest quality is achieved at all times and that the courses are taught and examined with the same rigour that they would be if they were taught at the University of Manitoba.

All instructional staff teaching the UTP II university level courses are approved by the UM Course Coordinators. The approval of course outlines and compliance processes were followed for each course.

Instruction

Forty-nine individuals instructed one or more courses during the 2011-2012 academic year. Once a term, an instructor meeting is held to debrief activities and allow instructors to share teaching strategies. They can also share information and teaching strategies through an instructor wiki.

GPA

The average GPA of students who completed UTP II at ICM during 2011-2012 was 2.92.

Feedback Mechanisms

ICM students are surveyed each semester using the SEEQ survey. Instructors receive a copy of their SEEQ evaluations. Students also complete a College Satisfaction Survey annually to provide feedback about programming and services.

ICM instructors provide a report each semester highlighting successful teaching strategies and reflecting on challenges they face. These reports can help provide transition information to new instructors, and provide tips that can be shared with current instructors. In addition, instructors complete a survey once a semester so that ICM can address any identified needs. This allows the college the opportunity to continuously improve its operations.

In addition, all instructors and University of Manitoba course coordinators were surveyed by the Chair of the Academic Advisory Committee, to provide a forum for feedback about workload and working conditions. A report on the survey findings is attached.

Academic Advisory Council (AAC)

The UM/ICM Academic Advisory Council was chaired by Dr. David Collins. Over the past year, the AAC met once each term.

The membership and the terms of reference of the AAC are included as Appendix A of this report.

ICM Graduates, 2011-2012

The Office of Institutional Analysis (OIA) has provided comparative data on University of Manitoba students recruited from the ICM during the 2011-2012 academic year, compared with other International and Domestic students (Table 2). The Domestic and International cohorts included were admitted on the basis of high school performance in the Fall term 2010, and assessed in 2011-2012, following their second year of study. The Domestic cohort includes Canadians and Permanent Residents, and the International cohort includes students with International status.

These data suggest that ICM graduates continue to perform at least as well as other international students who have entered the University of Manitoba directly.

**Table 2: ICM Graduates Enrolled at the University of Manitoba 2011-2012
Grade Point Average, Admit Term & Cohort Group**

All Students	Admit Term	Session 2011-12	
		N	Degree GPA
Domestic Students	Fall 2010	2994	2.90
International students	Fall 2010	229	2.35
ICM graduates	Fall 2011	140	2.77
	Winter 2012	62	2.95
Subtotal		202	2.82
Total		3425	2.85

Table 3 provides a list of University of Manitoba Faculties that have admitted ICM students over 2011-2012, with the majority (in rank order) entering Science, Arts, the Asper School of Business, and Engineering.

Table 3: University of Manitoba Faculties, by Admit Term 2011-2012

Admit Term	Faculty
Fall 2011	Agricultural & Food Sciences Arts Business, Asper School of Engineering Environment, Earth & Resources Human Ecology Science
Winter 2012	Agricultural & Food Sciences Arts Environment, Earth & Resources Science

International College of Manitoba and University of Manitoba
Academic Advisory Council

TERMS OF REFERENCE

The Academic Advisory Council shall provide advice to ICM and UM regarding the operations of ICM and in particular shall be responsible for reporting regularly on the following:

1. During any given time period, the numbers of students admitted to ICM, the courses offered by ICM, and the academic performance of ICM students in those courses;
2. During any given time period, the numbers of ICM students admitted to UM, their country of origin, the programs into which they are admitted, and the number of ICM students who are admitted to other postsecondary institutions;
3. During any given time period, the academic performance of ICM students admitted to UM programs as compared with the academic performance of other international students admitted to UM programs;
4. ICM and UM will report annually on their separate and joint activities undertaken to increase international student recruitment and retention;
5. Analysis of UM Departmental workloads resulting from academic oversight of ICM courses and activities;
6. Analysis of any concerns expressed by ICM instructors concerning working conditions;
7. Analysis of statistical data provided by ICM concerning student diversity, disability accommodation, and student disciplinary actions.

Following each of ICM's three academic terms, the Council shall submit a written report on these and any other matters to the UM Provost and the Principal of ICM. Each December, the Council shall submit a written report covering the previous year's activities to the Chair of the UM Senate.

The Council will determine its own rules of procedure and will meet at least once in each of ICM's academic terms.

The Council shall endeavour to consult with ICM students.

The Council consists of the following members:

- A Chair named by UM
- Three members named by UM
- Three members named by ICM

Approved: 16 October 2008

Amended: 31 October 2011

**ICM Advisory Council Membership List
2011-2012**

Dr. David Collins
Vice-Provost (Academic Planning and Programs)
474-8308
david_collins@umanitoba.ca

Dr. Michael Benarroch
Dean
I. H. Asper School of Business
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Dr. Mark Whitmore
Dean
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Dr. James Blatz
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Ms Ada Ducas (Chair of SPPC)
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Ms Susan Deane
College Director
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474-8583
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Ms Beth Jennings
Senior Academic Manager
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beth.jennings@icmanitoba.ca

Ms Beverly Hudson
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Suite 100, 8900 Nelson Way
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ICM Instructor Feedback Summary

Prepared by David Collins
Chair AAC and Vice-Provost (Academic Planning & Programs)

On February 21, 2012, the Chair of the 'International College of Manitoba (ICM)/University of Manitoba Academic Advisory Council' (the AAC), surveyed by email a list of sixty individuals identified as instructors contributing to a course (or courses) in the ICM program. The list was compiled by Ms. Susan Deane, the College Director of ICM and included all instructors contributing to the ICM program since its inception in September 2008 to the January 2012 term.

Respondents were informed that the AAC is charged with providing advice to both ICM and the University regarding the operations of ICM (see attached). Respondents were requested to share comments (positive, negative, or advisory) about their experience as an instructor in the ICM program, in support of AAC's role.

Responses by email, letter, or phone were requested, and individual meetings were offered at the discretion of the individual. Respondents were assured that individuals would not be identified in reports arising from this process, but that anonymous material would not be accepted.

Of the 60 individuals that were contacted, 15 responded in writing by email¹, 1 individual requested a telephone interview and another an individual meeting with the Chair. In total, seventeen individuals responded to the survey, providing a 28% response rate; a reminder email was sent on March 3, 2012.

All but one of those individuals responding provided positive comments about the working conditions and support provided by ICM--see following excerpts from these responses:

- *During my short time working with ICM, I had no issues or concerns about working conditions.*
- *I would like to express my satisfaction with the teaching environment at the College, and my appreciation for the support and enthusiasm of the ICM Administrative team.*
- *ICM has been a good experience for me.*
- *I am very highly satisfied with the working conditions. All the ICM staff are very enthusiastic and helpful towards the instructors.*
- *I've been extremely satisfied with the support of the ICM front office; they are indeed a most competent group.*
- *It's been great working for ICM and I hope I can do more in the future. It's a very relaxed and professional atmosphere.*
- *This has been a great experience teaching such a diverse class.*
- *ICM has been providing us all sorts of support, which is highly appreciable, and required for a good educational environment.*

¹ Email responses were quite brief, ranging from a single sentence to a maximum of 4 paragraphs

- *I must say that the experience so far has been very positive. I have absolutely no concerns regarding the work environment. The director and support staff are very accommodating and helpful.*
- *I had an excellent experience with ICM. They were very professional in their approach to education, very interested in the welfare of international students, and quite keen on upholding academic standards.*
- *ICM staff were very helpful. I found the organization as a whole quite well organized.*
- *The working conditions at ICM are top-notch. I receive ample support from ICM administration, student advisors, IT tech.*
- *I don't have anything to complain about in terms of working conditions at ICM. The staff has been wonderful in terms of teaching and administrative supports and has made my job easier.*
- *That's it. It's been great working for ICM and I hope I can do more in the future. It's a very relaxed and professional atmosphere.*

One respondent expressed several concerns about their experience as an instructor at ICM:

- That the workload at ICM was substantially greater in terms of contact hours with students; this being a major factor in the decision not to continue at the College.
- The perception of accountability concerns; that instructors were regularly "checked on" to see how their classes were running, what students were doing, and if, in fact, the classes were running for the full 4 hour prescribed time slot.

This individual stated that the 4 hour sessions used at the College were inappropriate, especially for international students for whom English is not the primary language. They also noted that there was limited funding for teaching materials, and that an established process for seniority or selection of instructors was not evident.

These latter comments were inconsistent with those provided by the balance of the respondents (16) who, notwithstanding some issues of concern (see below), expressed a more positive view on the quality of the ICM program - see following excerpts.

- *I especially found the feedback meetings at the start of each semester very useful. Instructors had the opportunity to share their experiences in teaching international students. We traded teaching strategies and discussed ways to address the challenges that the students faced living and learning in a culture that they were not used to.*
- *From my experience, I would credit the ICM with mentoring young and inexperienced international students adapting to North American academic environment.*
- *While the workload at the College may be slightly higher than that at the University, we are, to some degree, compensated for that.*

- *Despite being a corporate entity, students seem to be more valued than at the University. The program is not just a money grab. It provides an intensive experience for the students, a lot of work; but also provides attention to student support and follow-up. Weaker students are followed up by the system and provided with counseling support. There is a real intent that students succeed; from my perspective this is appreciated.*
- *Administration is supportive and does not interfere in course delivery, as well as facilitative of extra-curricular initiatives (they do not pursue profit at the expense of the program).*
- *I like the 4 hour lectures for my subject; it gives me time to encourage the students to work on problems while I walk around the class helping them.*
- *My students often raise an issue that the ICM classes are too long and they get tired after 2 hours of a class. I personally feel that four hours per week is required to meet the curriculum demands. The students feel that it would be more beneficial to them if there were two, two-hour classes each week. I personally prefer a four hour class as it saves me time, but as an instructor I would like to see my students getting the best out of it all. I thought as I am given a chance, I should convey to you what students feel.*
- *There is a high level of communication between myself and the ICM staff which significantly adds to the level of support provided to students. I have always felt most supported by ICM staff that have always considered and responded to my requests for assistance in an effective and expedient manner.*
- *I must emphasize, that I love teaching for ICM, for the longer class lecture sessions give me more time to work with students who would normally be swamped by their classes, and in my experience with other international students, be ill prepared to succeed in their programs. ICM provides them the care, instruction, and guidance to integrate and adapt to the U of M's academic and cultural environments.*

Of those respondents expressing general satisfaction with the working conditions at ICM (16), four noted problems with some of the teaching rooms, suggesting “*that not all (teaching) rooms are totally acceptable*”, and that temperature control of some of the rooms was poor. One response was dominated by concerns about the quality of teaching space, noting that “*the control of the temperature in this room is horrible. Air conditioning was added during the summer of 2011 but it does not work very well. At anything but the lowest setting it is too noisy to use, but at the lowest setting it can't keep the room cool. There are two windows that open but one of them does not have a latch to keep it closed, which is a problem in the winter. The whiteboards are seldom cleaned. For most of my lectures the whiteboards are filthy.*” Notwithstanding, this respondent did conclude that “*this all being said, I did very much enjoy the students and staff at ICM.*”

One individual reported being “shuffled” around campus to different locations; two noted parking was sometimes problematic, and one other respondent also expressed concerns about the lack of benefits, health care and group life insurance.

A number of respondents commented on the challenges and opportunities inherent in teaching international students, but on balance felt that the experience was beneficial. Other than the above concern about accountability, the general view expressed was that the ICM program was strongly supportive of both students and instructors.

One respondent commented that the greatest challenge to teaching at ICM arose due to unrealistic student expectations, noting that many students assume that they will excel in class; many are driven by their need gain entry into various U of M faculties. This respondent also noted that a few students attend ICM with the erroneous assumption that their programs will be easy, and that their work load would be minimal. The respondent, who also reported holding an appointment at the University of Manitoba, also noted that unrealistic expectations were also common to most first year university students, but especially pronounced at ICM. This individual also stated that some faculty members at the U of M may be under the impression that ICM guarantees the academic success of their students, and noted that this was definitely not the case.

In summary, the clear majority of instructors responding to this survey reported no, or minor concerns with working conditions at ICM.

Appendix ONE

International College of Manitoba Instructors

I am contacting you in my capacity as Chairman of the 'International College of Manitoba (ICM)/University of Manitoba Academic Advisory Council' (the AAC), as you have been identified as one of the instructors contributing to a course (or courses) in the ICM program.

The AAC is charged with providing advice to both ICM and the University regarding the operations of ICM and in particular is responsible for reporting regularly on the following:

1. During any given time period, the numbers of students admitted to ICM, the courses offered by ICM, and the academic performance of ICM students in those courses;
2. During any given time period, the numbers of ICM students admitted to UM, their country of origin, the programs into which they are admitted, and the number of ICM students who are admitted to other postsecondary institutions;
3. During any given time period, the academic performance of ICM students admitted to UM programs as compared with the academic performance of other international students admitted to UM programs;
4. ICM and UM will report annually on their separate and joint activities undertaken to increase international student recruitment and retention;
5. Analysis of UM Departmental workloads resulting from academic oversight of ICM courses and activities;
6. Analysis of any concerns expressed by ICM instructors concerning working conditions;
7. Analysis of statistical data provided by ICM concerning student diversity, disability accommodation, and student disciplinary actions.

At this time, I am particularly interested in any comments you wish to share (positive, negative, or advisory) about your role as an instructor in the ICM program; in particular, with respect to item six (6) '*any concerns expressed by ICM instructors concerning working conditions*' (above). I would appreciate your feedback (including a nil-response) by email, letter, or phone at the following (I will also make myself available for individual meetings at your discretion):

Dr. David Collins, Vice-Provost (Academic Planning and Programs)
Office of the President, 208 Administration Building
Winnipeg, Manitoba R3T 2N2.
Phone: (204) 474-8308
Email: david_collins@umanitoba.ca

Please note that I will ensure that individuals will not be identified in reports arising from this process; however, I will not accept anonymous material. Responses will be reported in aggregate as emerging themes of a positive or negative nature, and/or as advice for consideration by the AAC, the University, and/or ICM.

Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Medicine Policy on Reappraisal of Student Evaluations *(for information)*

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. The Committee met on October 25, 2012 to consider the Faculty of Medicine's policy on Reappraisal of Student Evaluations, as approved by its Faculty Executive Council, August 2012.
3. Section 2.3.4 of the University policy Examination Regulations, Appeal of Term Work, specifies that the appeal of term work returned or made available to students before the last day of classes shall be subject to policies and procedures established by Faculty/School Councils.
4. The Report of the Senate Committee on the Academic Evaluation of Students on a Policy Regarding the Appeal of a Grade Given to Term Work [dated January 19, 1993] approved by Senate March 3, 1993, recommends further that policies adopted by Faculties and Schools, after review by the Committee on the Academic Evaluation of Students¹ shall be forwarded to Senate for information.

Observations:

1. The purpose of the Faculty of Medicine policy on Reappraisal of Student Evaluations is, "[to outline] the circumstances and processes for a student to challenge the content of an assessment where the assessor used some discretion in determining the grade assigned or to challenge the process used to determine the assigned grade." The policy applies to students in the Undergraduate Medical Education (UGME) Program.
2. Section 3.1 of the policy specifies that a request for reappraisal of an evaluation would be accepted only if the student has failed an evaluation. Section 3.7 specifies further that a request for reappraisal would be accepted, for the following types of evaluations: short answer examination questions; Final In-Training Evaluation Reports (FITERs); Community Health Sciences projects; other written assignments. The policy also sets out the types of evaluations and circumstances for which a request for reappraisal would not be accepted (section 3.7).
3. The policy outlines a process for the Progress Committee and the Reappraisal Committee to respond to requests for reappraisal (sections 3.8 through 3.12). If a student is not satisfied with a decision of the Reappraisal Committee, the student may

¹ SCIE established by the amalgamation of the Senate Committee on the Academic Evaluation of Students and the Senate Committee on Instruction (Senate, February 7, 2001).

appeal the decision to the Undergraduate Medical Education Student Appeals Committee (section 3.14). The SCIE was informed that a student might also appeal to the latter body if a request for reappraisal is not accepted on the basis that it does not meet the conditions described in sections 3.1 and 3.7.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Date: September 04, 2012

To: Senate Committee on Instruction and Evaluation

From: Bryan Payne, Program Manager, UGME

Re: Reappraisal of Student Evaluations

Background: This Policy was established in the 2011-2012 Academic Year. As part of an established review process focussed on continuous improvement, the Faculties Progress Committee identified the need for minor changes to clarify applicability and the need for expediency.

Purpose: This policy articulates the circumstances and subsequent process for challenging the content of an assessment where an assessor had the capacity to apply discretion in determining the grade assigned or to challenge the process used to determine the assigned grade. Revisions were made in three key areas as follows:

- Purpose – The purpose of the policy was clarified. Specific attention was provided to ensuring that the policy allowed for those situations where marking could be challenged when the marker had to use some discretion as opposed to multiple-choice questions.
- Para 3.5 was amended to ensure that the entire process was expedient with specific timelines to be followed.
- Para 3.6 was clarified to ensure that Objective Structured Clinical Examination (OSCE) stations involving direct patient contact could not be challenged. In these instances, standardized answers/keys are relied upon. All exams are video recorded, and all unsatisfactory results are automatically reviewed in any case.

Evidence of Best Practice: The University of Manitoba Examination Regulations document was as a guide and template for the creation of this policy document.

Consultation Process: As with all UGME policy and procedure documents, this document was vetted through a variety of committees including, Committees of Evaluation, Progress Committee and Faculty Executive Council. Faculty of Medicine Student membership and participation is integral to each of these committees.

Communication and Implementation Plan: Faculty of Medicine students are informed of this policy and procedures document in advance of each types of examinations in which they

participate. In addition to the beginning of a course, this policy is reinforced a minimum of six weeks prior to an examination sitting. Existing in digital and hardcopy format during, broad and unlimited access is afforded to both the public and student body. At the beginning of each academic year each class of students receives a complete listing of existing, new and revised policy and procedure documents with reference to the Policy & Procedures webpage. Updates to all policies are communicated to Medical students via the OPAL curriculum management system.

Faculty and staff are informed of implementation of new policies and changes to existing policies through e-mail communication, participation on committees where policies are regularly discussed and communication such as Faculty Guide distributed regularly throughout the academic year.

Proposed Review Date: As part of on-going continuous improvement and horizon scanning, it is intended that this policy will be reviewed again in August 2013.

Enclosure: 1

Faculty of Medicine Policy

Policy Name:	Reappraisal of Student Evaluations
Application/ Scope:	Year I to Year IV Medical Education Students
Approved (Date):	18 October 2012
Review Date:	October 2013
Revised (Date):	27 Aug 2012
Approved By:	Faculty Executive Council

1. **PURPOSE**

This policy outlines the circumstances and process for a student to challenge the content of an assessment where the assessor used some discretion in determining the grade assigned or to challenge the process used to determine the assigned grade.

2. **DEFINITIONS**

- 2.1 Evaluation –a Block Examination, summative OSCE-Type examination – OSCE, Year II and CCE, Year IV and/or a FITER.
- 2.2 Reappraisal Subcommittee - a Subcommittee of Undergraduate Medical Education established by Chair, Progress Committee to deliberate and render decisions on a student's request for reappraisal of an evaluation.
- 2.3 Block Examination – an examination comprised of multiple choice and/or short answer questions at the end of a unit of work at the Pre-Clerkship level of the Undergraduate Medical Education Program. Within the Pre-Clerkship program there are six Block Examinations. Attaining 60.0% or higher on these examinations is considered a pass. No rounding of scores will take place.
- 2.4 NBME Examination – a multiple choice examination developed by the National Board of Medical Examiners that is administered at the end of the surgery, internal medicine, obstetrics/gynecology, pediatrics, and psychiatry rotations at the Clerkship level of the Undergraduate Medical Education Program. Attaining a mark at the 11th percentile or higher is considered a pass.
- 2.5 OSCE-type Examination - an Objective Structured Clinical Examination used to assess the clinical skills of Undergraduate Medical Education Students. The mini-OSCE and CCE (Comprehensive Clinical Examination) are OSCE type examinations. The pass mark is determined by calculating 80% of the average mark of the top 10% of students who sit the examination. No rounding of scores will take place.
- 2.6 Supplemental Examination – An opportunity to rewrite an examination that was failed.
- 2.7 FITER – Final In-Training Evaluation Report that is electronically completed at the end of each core and elective rotation at the clerkship level.
- 2.8 COE – Committee of Evaluation

- 2.9 Working Day – Any day, other than a Saturday, Sunday, or legal holiday on which academic business may be conducted. Faculty of Medicine normal work day hours are Monday through Friday 8:30 a.m. to 4:30 p.m.

3. **POLICY STATEMENTS**

- 3.1 A student request for reappraisal of an Evaluation will only be accepted if the student received a “Fail” on the Evaluation.
- 3.2 Undergraduate Medical Education will not accept a student request for reappraisal of an NBME Examination. NBME has a mechanism to address this. See Section 5 - References.
- 3.3 A student request for reappraisal of an Evaluation must be submitted to the Academic Lead, Evaluation in accordance with the timelines outlined in the procedures section of this document.
- 3.4 A student request for reappraisal must outline the specific rationale for consideration of the reappraisal.
- 3.5 A student who meets the requirements of Statement 3.1 shall have the opportunity to read the Evaluation script and any comments written on it in the presence of a Course Director/Clerkship Director or designate prior to submission of a request for reappraisal of an Evaluation in accordance with the timings established in Section Four.
- 3.6 A request for reappraisal will not be accepted for:
- Multiple choice examinations including the components of the OSCE-type Examinations involving direct patient contact.
 - Content of Individual Evaluation items.
 - Factors that have impacted on all individuals involved in the Evaluation.
 - Illness during an Evaluation. The UGME Examination Deferral Policy and Procedures addresses illness.
- 3.7 A request for reappraisal will be accepted for:
- Short answer examination questions
 - FITERs
 - Community Health Sciences Project
 - Other written assignments during the course
- 3.8 An accepted student request for reappraisal of an Evaluation will be submitted to the Chair, Progress Committee who is responsible for organizing the Reappraisal Subcommittee in accordance with the requirements outlined in the procedures section of this document.
- 3.9 The decision of the Reappraisal Subcommittee may result in a change of grade compared to the original grade.
- 3.10 In the event there is a process error, the Reappraisal Subcommittee may require reassessment of the student. In the case of a Block Examination or an OSCE-type Examination, this may be conducted at the next scheduled rewrite time or timing coincident with a Supplemental Examination. In the case of a FITER, the completion of another period of assessment may be necessary.
- 3.11 The decision of the Reappraisal Subcommittee will be communicated to the Chair, Progress Committee.

- 3.12 The Chair, Progress Committee will communicate the decision of the Reappraisal Subcommittee in writing to the student, the Associate Dean UGME, the Associate Dean Students, and the relevant Course Director/Clerkship Director.
- 3.13 The result of a student request for reappraisal which is reviewed by a Reappraisal Subcommittee will only apply to the student submitting the request for reappraisal. A change in marking, or assessment, will not apply to or alter the evaluation result for any other student, either within or under University-wide regulations.
- 3.14 If the student requesting a reappraisal does not accept the decision of the Reappraisal Subcommittee, the student has the right of appeal to the Undergraduate Medical Education Student Appeals Committee.

4. **PROCEDURES**

RESPONSIBILITIES OF THE STUDENT

- 4.1 Accept that a request for reappraisal can only be made if there is a "Fail" on the specific evaluation.
- 4.2 Contact the Course Director/Clerkship Director or designate to set a time to read the evaluation script and any related comments. This should be done within five days of receiving notification of a "Fail".
- 4.3 Ensure that the request for reappraisal is submitted to the Academic Lead, Evaluation within twenty working days of receipt of the Evaluation result.
- 4.4 Ensure that the request for reappraisal clearly states the specific rationale for consideration of the reappraisal.
- 4.5 Provide written notification to the Academic Lead, Evaluation of the intent to present to the Reappraisal Subcommittee at the time the request for reappraisal is submitted. The student must present his/her own case. It is recommended that the student contact Student Advocacy Services Office and have a student advocate present with the student at the Reappraisal Subcommittee meeting. In addition, the student may have one support person and/or one legal counsel present at the meeting. None of these people may present the case.
- 4.6 Accept or decline an invitation to be present throughout the whole Reappraisal Subcommittee meeting except for the *in camera* Subcommittee deliberations. If the student chooses not to appear before the subcommittee, the hearing will be heard *in absentia*.
- 4.7 Consider an appeal to the Undergraduate Medical Education Student Appeals Committee if not accepting of the decision of the Reappraisal Subcommittee.

RESPONSIBILITIES OF THE ACADEMIC LEAD, EVALUATION

- 4.8 Review the student request for reappraisal of an evaluation, applying all Reappraisal of Student Evaluation policy requirements.
- 4.9 If the request for reappraisal is accepted, inform the Chair, Progress Committee within five working days of receiving the student request for reappraisal. This notification must include information related to the student's decision to present to the Reappraisal Subcommittee.

- 4.10 Inform the student in writing, within three working days of the completion of the review if there are no grounds for reappraisal of the stated evaluation.

RESPONSIBILITIES OF CHAIR, PROGRESS COMMITTEE

- 4.11 Appoint a Reappraisal Subcommittee within five working days of receiving an accepted request for reappraisal from the Academic Lead, Evaluation. Subcommittee membership is organized as follows:
- Three Faculty members – At least one of whom is a member of the relevant COE not including:
 - Course Director/Clerkship Director of the course being reappraised
 - Associate Dean, UGME
 - Associate Dean, Students.
 - One Faculty member will be appointed as Subcommittee Chair.
 - Two student representatives who are not in the same year of study as the student seeking the reappraisal.
 - One member of UGME Support Staff to act as Subcommittee secretary (non-voting). Generally this will be the secretary of the respective COE.
- 4.12 Inform the applicable Course Director/Clerkship Director of the invitation to attend and present to the Reappraisal Subcommittee meeting, if the student is presenting to the Reappraisal Subcommittee.
- 4.13 Inform the Reappraisal Subcommittee that the student and the applicable Course Director/Clerkship Director will present to the subcommittee, if applicable.
- 4.14 Inform the Reappraisal Subcommittee that a decision must be communicated to the Chair, Progress Committee within ten working days of receipt of information provided to make a decision.
- 4.15 Inform the Reappraisal Subcommittee that the Subcommittee decision must be made by secret ballot if a decision cannot be reached by consensus. The Subcommittee Chair will vote in the event of a tie.
- 4.16 Ensure the student receives written communication of the Reappraisal Subcommittee decision within five working days of the Subcommittee decision. This communication shall indicate the student's right to appeal to the Undergraduate Medical Education Student Appeal Committee in accordance with the [Undergraduate Medical Education Student Appeal Committee Policy and Procedures](#).

RESPONSIBILITIES OF CHAIR, REAPPRAISAL SUBCOMMITTEE

- 4.17 Review all reappraisal information in preparation for the Reappraisal Subcommittee meeting.
- 4.18 Chair the Reappraisal Subcommittee meeting with the intent that following presentation by student and Course Director/Clerkship Director (if applicable) there will be *in camera* discussion. If the student declines the invitation to present the hearing will be heard *in absentia*.
- 4.19 If not a unanimous decision, organize a secret ballot vote to make the Subcommittee decision and cast a vote if there is a tie.
- 4.20 Inform the Chair, Progress Committee of the Subcommittee decision immediately following the meeting.

RESPONSIBILITIES OF MEMBERS, REAPPRAISAL SUBCOMMITTEE

- 4.21 Review information related to the request for reappraisal in preparation for the Reappraisal Subcommittee meeting.
- 4.22 Attend Subcommittee meeting; participate in presentation(s) if applicable and *in camera* or *in absentia* discussion; and cast secret ballot vote if the Subcommittee decision is not unanimous.
- 4.23 Return all information used in addressing the request for reappraisal to the Secretary, Reappraisal Subcommittee immediately following the meeting.

RESPONSIBILITIES OF SECRETARY, REAPPRAISAL SUBCOMMITTEE

- 4.24 Communicate with Reappraisal Subcommittee members to establish a time and place for the Reappraisal Subcommittee to meet understanding that the Subcommittee decision must be made within ten working days of receiving notice of Subcommittee structure from Chair, Progress Committee.
- 4.25 Work with the Chair, Progress Committee to prepare required information for Reappraisal Subcommittee members. The required information is as follows:

Block & OSCE-Type Examinations

- Student written request for reappraisal including rationale for request
- Original evaluation and answer key if applicable
- Student's original examination script
- A written response to the request from the relevant Course Director/Director, OSCE-Type Examination

FITER

- Student written request for reappraisal including rationale for request
 - Student MITER and FITER and other documents from the specific department/rotation including all correspondence that may have contributed to the MITER and FITER, as well as, relevant Departmental Clerkship Committee meeting minutes
 - A written response to the request from the relevant Clerkship Director
- 4.26 Distribute all required information to members of the Reappraisal Subcommittee for review in preparation for the Subcommittee meeting.
 - 4.27 Attend the Reappraisal Subcommittee meeting acting as the recording secretary.
 - 4.28 Collect all information Reappraisal Subcommittee members used in making a decision after the decision is made.
 - 4.29 Work with the Chair, Progress Committee to prepare communication to the student understanding that the student must receive this communication within five working days of a decision by the Reappraisal Subcommittee.
 - 4.30 Place the communication in the student's mailbox.
 - 4.31 Confirm via e-mail or telephone communication that the student received the communication.

- 4.32 Distribute a copy of the communication to the student to the Associate Dean, UGME, Associate Dean, Students, Director, Evaluation, the relevant Course/Clerkship Director, and the student's active file.
- 4.33 Organize all information related to the Request for Reappraisal and communication of Reappraisal Subcommittee decision. Confidentially forward this information to the Faculty of Medicine Archives for storage.

RESPONSIBILITIES OF THE COURSE DIRECTOR/CLERKSHIP DIRECTOR

- 4.34 Meet with the student in a timely manner, so the student can read the Evaluation script and any related comments.
- 4.35 If the student's request for reappraisal is accepted, prepare a written response to the student request and forward it to the Chair, Progress Committee within five working days of notification to provide the written response.
- 4.36 Accept or decline the invitation to present to the Reappraisal Subcommittee if the student decides to present to the Subcommittee. The response to the invitation must be provided to the Chair, Progress Committee within 2 working days of receipt of the invitation.

5. REFERENCES

- 5.1 [UGME Policy & Procedures – Deferred Examination](#)
- 5.2 [UGME Policy & Procedures – Undergraduate Medical Education Student Appeals](#)
- 5.3 [UGME Policy & Procedures – Supplemental Examinations](#)
- 5.4 [UGME Policy & Procedures – Promotion and Failure](#)
- 5.5 [The National Board of Examiners Score Recheck Service](#)

6. POLICY CONTACT

Chair, Progress Committee

PRESIDENT'S REPORT: December 5, 2012

GENERAL

In recent weeks, there has been significant and visible progress on some of the University of Manitoba's biggest campus development projects. On October 11th, the university celebrated the groundbreaking of the Active Living Centre, a project supported by all three orders of government. By the end of October, installation of the turf and the goal posts in Investors Group Field had been completed, taking the project an important step closer to completion. And finally, on November 9 the jury for the Visionary (re)Generation Open International Design Competition was announced. The competition will be an open call for the world's most innovative architects, landscape architects and planners to rethink the Fort Garry Campus, to propose a long-term, sustainable and forward-thinking vision for the campus, including the Southwood precinct.

There are many opportunities at the University of Manitoba to celebrate contributions and achievement; several of these are listed below. At the beginning of term, the university welcomes new President's Scholars, a group that are an always-impressive reminder of the potential our students represent. These students must have a 95% average when they enter the U of M and maintain a 4.0 GPA in subsequent years. To date, the University has 397 President's Scholars.

The University of Manitoba's first-ever chair in surgical research which will improve surgical outcomes for patients and promote innovation was announced on September 19. The Thorlakson Chair in Surgical Research was supported with a \$1.5-million donation by the Dr. Paul H.T. Thorlakson Foundation Fund, and \$1.5-million in matching funds contributed by faculty members in the university's Department of Surgery. The Thorlakson Chair in Surgical Research will increase the competitiveness of the Faculty of Medicine and the Department of Surgery to recruit top clinician scientists and increase prominence for funding from national and international funding agencies. Dr. Richard Keijzer, Assistant Professor of Pediatric General Surgery in the Faculty of Medicine, and principal investigator at the Manitoba Institute of Child Health, was named the Thorlakson Chair in Surgical Research. The Chair will help Dr. Keijzer to further establish his independent research program focused on normal and abnormal lung development in relation to congenital diaphragmatic hernia, which is a condition in which newborns have a hole in the diaphragm muscle. As well, it will promote and strengthen the research pillar within the Department of Surgery.

As part of the ongoing efforts of the Association of Universities and Colleges of Canada (AUCC) to promote to the federal government the needs and interests of Canada's universities and colleges, President David T. Barnard and Associate Vice-President (External) John Alho traveled to Ottawa for the AUCC's Advocacy Day on the Hill on October 22 – 23, 2012. This annual event represents a number of opportunities for the University of Manitoba to meet with senior government officials.

The University of Manitoba recently welcomed eighty-two delegates from University of the Arctic member institutions, including twenty-one students, as part of the University of the Arctic Rectors' Forum. The 2012 forum, hosted by the University of Manitoba in Winnipeg, was the first to have been held in Canada. While here, rectors and other delegates engaged in a series of discussions about the benefits that can result from partnerships and collaboration among northern institutions.

ACADEMIC MATTERS

- To mark the 60th anniversary of Her Majesty Queen Elizabeth II's accession to the throne, Queen Elizabeth II Diamond Jubilee Medals are being awarded over the course of 2012 to select Canadians to honour significant contributions. Recent honorees from the University of Manitoba include John Alho, government and community engagement; Jay Doering, graduate studies, Annemieke Farenhorst, soil science; Gary Glavin, research and international; Frank Hawthorne, geological sciences; Digvir Jayas, vice-president (research and international); Joanne Keselman, provost; Debbie McCallum, former vice-president (administration); Deo Poonwassie, Professor Emeritus; Fred Shore, native studies. **The University of Manitoba is working to develop a complete list of recipients and those honoured with this medal are encouraged to advise the Marketing and Communications Office.**
- Dean Harvy Frankel was appointed to the Legal Help Centre Board of Directors.
- Martin Scanlon, food sciences, was presented with the George Scott Blair Award by the American Association of Cereal Chemists International - Rheology Division. Martin is the first Canadian to receive the award, which is presented to a scientist who has shown exceptional ability in research areas involving rheology and texture as related to cereal based products.
- Ryan Cardwell, agribusiness and agricultural economics, was named President of the Canadian Council of the International Association of Agricultural Economists.
- Dietmar Straub and Anna Thurmayr, landscape architecture, were awarded a Chinese Design Award for their Chenshan Botanical Garden in Shanghai. The garden is in the 1st Price Group for Outstanding Infrastructural Projects, awarded by Chinese Exploration & Design Association.
- Guy Madden, distinguished filmmaker in residence, was bestowed the Order of Canada.
- Raymond Perry, distinguished professor, psychology received the Konrad Adenauer Award from the Royal Society of Canada and the Alexander von Humboldt Foundation. The Award acknowledges a career of achievements of a Canadian scholar in the humanities or social sciences.
- William Last, geological sciences, was awarded the 2012 Outstanding Service Award from the International Paleolimnology Association.
- Susie Taylor, student life, has been appointed a youth advisory group member for the Canadian Commission for United Nations Educational Scientific and Cultural Organization (UNESCO) for a two-year term. In her role, she will be responsible for advising UNESCO on policies related to youth in Canada, providing feedback on their youth engagement strategy, and acting as a liaison between the Commission and other networks involved in youth education and development.

- Desiree Scott, psychology student, received a bronze medal in soccer at the London 2012 Summer Olympics.
- Students at the Faculty of Dentistry's School of Dental Hygiene topped the national average in board exams this spring. It's the second consecutive year that students at the University of Manitoba school outperformed in every category of the National Dental Hygiene Certification Examination (NDHCE). The University of Manitoba students placed ahead of the national average in all categories of the test including course content and competency in addition to overall performance.
- Paymahn Moghadasian, Xiang Guo, Roiy Shpaner and Srikanth Sridharan, science students, won the People's Choice award at an international student competition at the Association of Computing Machinery (ACM) User Interface Software and Technology Conference for their Jedeye Masters (puppet). The students' strong software coding skills combined with the Human Computer Interactive (HCI)'s lab expertise in pressure controlled input resulted in a creative application for the new Synaptics Multi-touch Pressure Pad.
- The 31st Annual 'Aggie Bedpush' concluded on October 1 with a record number of more than 50 participants and raising nearly \$7,000 for the Children's Wish Foundation.
- In September 2012 the student experience website was launched. This site is designed to help current students navigate the myriad of opportunities and support available to them at the institution in areas of academic success, active living, the campus community, experiential learning, international opportunities and popular places.

RESEARCH MATTERS

- Three Faculty of Medicine professors have been elected as fellows of the Canadian Academy of Health Sciences (CAHS). Drs. Heather Dean (Pediatrics and Child Health/Manitoba Institute of Child Health), Lorrie Kirshenbaum (Canada Research Chair in Molecular Cardiology, Physiology/St. Boniface Hospital Research), and Peter Nickerson (Internal Medicine and Immunology) were inducted into the Academy during a ceremony held in Ottawa on September 20. Fellows of the Academy are elected by their peers on the basis of their demonstrated leadership, creativity, distinctive competencies and commitment to advance academic health sciences.

Dean was the first pediatrician to report type 2 diabetes in children in Canada and founded the first provincial, interprofessional, comprehensive program for children with diabetes in Canada: the Manitoba Pediatric Diabetes Education Resource for Children and Adolescents. Kirshenbaum is best known for his groundbreaking work on viral gene therapy and the regulation of both cell cycle and cell death proteins in the heart and provided a means to genetically modify non-functional proteins in cells that cause human disease. Nickerson, a leader in transplantation science, has been at the forefront in identifying subclinical inflammation as a cause of organ rejection, particularly relating to the kidneys.

- President Emeritus Arnold Naimark (Physiology, Medicine) will be inducted into the Canadian Medical Hall of Fame in May 2013 for the major role he has played over the past five decades in building health education and research in Canada through the institutes he has led and the programs he has been key in developing. Naimark's visionary spirit and extraordinary leadership has resulted in transformative change at the University of Manitoba and in how patients are treated in Canada's North. He co-developed a leading laboratory for the investigation of respiratory disease and the first clinical unit in the world devoted exclusively to intensive respiratory care. He became Dean of the Faculty of Medicine in 1971, creating a new department of family medicine and a division of Community Medicine. In 1981, he became the University's President and Vice-Chancellor. During his 15-year tenure the university's endowment increased nearly six-fold and included major developments at the Fort Garry and Health Science campuses.

Considered one of the country's foremost educational administrators, Naimark's biography shows a lifetime of leadership in the development of departments, universities, institutions and organizations at the local, provincial and national level. His advice is routinely sought by a long list of health sciences and educational bodies across Canada. Naimark was chosen in the builder (innovative leadership) category. He joins University of Manitoba Canadian Medical Hall of Fame laureates Dr. Allan Ronald, Dr. H. Bruce Chown (deceased) and Distinguished Professor Emeritus Henry Friesen.

- The Canada Research Chair program announced the renewal of Dr. Peter Jones' (Food Science) Tier 1 CRC in Nutrition and Functional Foods on October 12, 2012, an award of \$1.4 million over seven years. This continued investment will allow him to continue his groundbreaking investigations into which bioactive materials make for good ingredients in functional foods. Much of his research involves plant sterols, which are natural components found in plants and known to lower cholesterol. His efforts have led to the international marketing of edible spreads containing plant sterols that reduce heart disease risk by up to 20 per cent. Jones is also studying lipid-lowering actions related to nutrition before and after giving birth and to weight loss. The University of Manitoba currently is home to 44 CRCs.
- The Collaborative Health Research Project (CHRP) program, funded by the Canadian Institutes of Health Research and Natural Sciences and Engineering Research Council of Canada, awarded Drs. Song Liu (Textile Sciences) and Sarvesh Logsetty (Surgery/Health Sciences Centre) \$384,018 to develop improved wound dressings. Existing wound dressings contain silver compounds designed to fight bacteria and infection but many adhere to the wound itself, causing further trauma for patients when the bandages are removed. Liu and Logsetty will work to develop a better bandage—using silver nanoparticles (AgNPs), N-chloramine chemicals and hydrogel—that won't stick to burns but still have an antibacterial component. CHRP grants support research projects that will lead to health benefits for Canadians, more effective health services or economic development in health-related areas.
- The University of Manitoba's Centre on Aging and the Province of Manitoba Seniors and Healthy Aging Secretariat hosted an International Symposium — Age-Friendly Rural and Remote Communities and Places – from October 15-17 in Winnipeg. The symposium began with a public forum to be held at the Winnipeg Art Gallery on October 15 with Premier Greg Selinger on hand to open the symposium with President David Barnard. The symposium was made up of 45 invited delegates from Canada, Australia, Ireland, Ghana, Uganda, Cameroon, Trinidad and Tobago, Peru, Bolivia, Russian, the USA and Switzerland. The symposium's focus was to improve public policy in

the area of age-friendliness in order to make rural and remote communities and places around the world more age-friendly. Symposium collaborators were the International Federation on Aging, the World Health Organization, and the Rural Development Institute at Brandon University. The Age-Friendly Manitoba Initiative was launched in February of 2008. The initiative supports seniors in leading active, socially engaged, independent lives that contribute to healthy aging.

- The Royal Society of Canada (RSC) announced on September 14 the election of Dr. Charles Bernstein (Internal Medicine) as a Fellow of the Society, which is considered the highest honour an academic can achieve in the arts, humanities and sciences. Bernstein, a renowned expert on inflammatory bowel disease (IBD), helped put Winnipeg on the map as home to some of the most innovative gastroenterology research in the world. The founder and director of the Inflammatory Bowel Disease Clinical and Research Center, Bernstein was first to identify Canada as having one of the highest incidences of IBD in the world. His work has revealed how stress can precede relapses and depression can long precede these diseases, suggesting the nervous system plays a role in the regulation of our digestive immunity.
- U of M Distinguished Professors Raymond P. Perry (Psychology) and Frank Plummer (Medical Microbiology, Community Health Sciences) each received special awards: Perry, the Konrad Adenauer Research Award, which is given to a Canadian scholar whose research work in the humanities or the social sciences has earned international recognition; and Plummer, the McLaughlin Medal, which celebrates distinguished achievement in medical sciences in Canada.

Perry is known for his groundbreaking contributions to social, educational, and health psychology. His research offers provocative new insights into cognitive and affective processes that govern adaptation across the life-span. He has pioneered cognitive treatment interventions that have helped countless individuals overcome life's challenges. His research accomplishments have been recognized by leading societies in psychology and education in Canada, the United States and Germany.

Plummer is one of the world's foremost HIV/AIDS researchers. He and his team were among the first to realize that some people are resistant to HIV infection despite repeated exposure, that HIV is transmitted through breast milk, and that male circumcision reduces the risk of contracting the potentially deadly virus. His landmark findings have formed the basis of HIV prevention programs that have since been adopted by governments across the globe, including in hard-hit Africa. Plummer is Canada Research Chair in Resistance and Susceptibility to Infections, the scientific director general of the National Microbiology Laboratory, and the chief science officer of the Public Health Agency of Canada.

- Fellows and award winners from across the country will be officially inducted and honoured on November 17 in Ottawa. The University of Manitoba has 42 current RSC Fellows.
- The Research Quality Management office in collaboration with the Bannatyne Campus Research Ethics Board Coordinator have implemented a new strategy to ensure that there is oversight and monitoring processes in place when the U of M has been declared as the sponsor of any Investigator Initiated research, particularly of that submitted to Health Canada in the form of a Clinical Trial Application. The Sponsor is to assure that there is oversight and monitoring processes in place while a study is underway. These activities are to be done in accordance with Health Canada regulations,

ICH Good Clinical Practice Guidelines, Tri Council Policy Statement (TCPS2), Responsible Conduct of Research Framework and University of Manitoba policies.

- The Vice-President (Academic) and Provost and Vice-President (Research and International), with the Faculty of Graduate Studies jointly launched the new Research Integrity online learning tool for students and faculty on November 6. The course is available through D2L, is free and a highly interactive online tool designed to provide a comprehensive overview and basic understanding of the best practices and principles in the Responsible Conduct of Research. The Research Quality Management office and the University Teaching Services unit have been instrumental in the implementation, contextualization and launch of the Research Integrity online course.

Each Module of the course consists of a series of screens (web pages) containing text, video and technology-enhanced learning activities, real cases, problem solving, and more. Any of the following 5 disciplinary areas can be picked to obtain a Certificate of Successful Completion: 1) Arts and Humanities; 2) Biomedical sciences; 3) Engineering and technology; 4) Natural and physical sciences; 5) Social and behavioral sciences. The approximate duration per module ranges from 4-5 hours (without optional activities). Participants will be working at their own pace, and will be introduced to up-to-date, wide-ranging resources including institutional and federal links related to the responsibilities of a Researcher and Academic Integrity.

- The Social Sciences and Humanities Research Council announced \$4,229,150 in funding through grants, scholarships and fellowships on October 1 to more than sixty faculty, graduate students and postdoctoral fellow at the University of Manitoba. An investment of \$2,584,150 for 18 research projects by professors through the Insight program, which supports research excellence and aims to build knowledge and understanding about people, societies and the world were awarded. The projects are:

Researcher	Sponsor	Project Title	Funding
Melanie Glenwright (Psychology)	Insight Development	Eye gaze can provide insight into children's theory of mind reasoning and moral judgements	\$74,833
Heidi Marx-Wolf (Religion)	Insight Development	The social location of doctors in late antiquity and the transmission of medical knowledge from the late Roman Mediterranean to medieval Europe and Byzantium	\$34,026
Deborah Steinstra (Education)	Insight Development	Women's leadership development: using composite indicators for change in Labrador	\$75,000
Richard Hechter (Education)	Insight Development	Relating epistemological framing and modes of representation: perspectives of inservice physics teachers	\$10,929

Jorge Nallim (History)	Insight Development	Local struggles, transnational connections: intellectual cold war(s) in Latin America, 1950s-1960s	\$21,012
Tina Chen (History)	Insight Grant	Changing technologies of film projection in the People's Republic of China: multi-media approaches	\$140,501
David Churchill (History)	Insight Grant	Homophile internationalism: human rights, cosmopolitan politics and travel	\$98,800
Renate Eigenbrod (Native Studies)	Insight Grant	E-kiskakweyahk/we wear it: postmemory and new memories in literature by Aboriginal authors of the eighth generation	\$143,730
Charlotte Enns (Education)	Insight Grant	Adapting and standardizing signed language assessment measures	\$170,000
C. Emdad Haque (Natural Resources Institute)	Insight Grant	Understanding community resilience to natural disasters to enhance their adaptive capacity	\$280,730
Peter Kulchyski (Native Studies)	Insight Grant	Begade Shuhtagotine: land, culture, history and politics	\$356,400
Mark Lawall (Classics)	Insight Grant	Transport amphoras and trade at three major emporia: Athens, Ephesos, and Corinth, late 6th through 1st centuries BC	\$143,322
Barbara McMillan (Education)	Insight Grant	Transforming teaching practices in Nunavut school communities	\$241,571
S. Brooke Milne (Anthropology)	Insight Grant	Chert sourcing and Palaeo-Eskimo lithic technology: an archaeometric approach to understanding technological organization on Southern Baffin Island	\$256,140

Raymond Perry (Psychology)	Insight Grant	Lost in transition: a curriculum-based cognitive-motivation treatment program to counteract academic disengagement during school to college transitions	\$166,950
Jacquie Vorauer (Psychology)	Insight Grant	Antecedents of power shifts toward ethnic minorities during intergroup exchanges and consequences for cognitive functioning, goal pursuit, and social change	\$198,375
Fang Wan (Marketing)	Insight Grant	Ego threat evoked defensive consumption: a research program	\$128,880
Vanessa Warne (English, Film and Theatre)	Insight Grant	Books for blind readers: visual disability, literature and literacy in Victorian Britain	\$42,951

Three investigators have received a total of \$140,890 from the Social Sciences and Humanities Research Council of Canada. The projects are:

Researcher	Sponsor	Project Title	Funding
Verena Menec (Community Health Science)	SSHRC	International invited age-friendly rural and remote communities symposium	\$50,000
Gary Crow (Animal Science)	Manitoba Forage Council	Decision support materials for comparison of beef production systems in Manitoba: Economic comparisons, methane emissions, and life cycle productivity	\$54,890
Gavin Humphreys (Plant Science)	Agriculture and Agri-Food Canada	Development and characterisation of a doubled haploid population of <i>Thinopyrum distichum</i> (Thunb.) Lovex	\$36,000

Twenty-two researchers received a combined \$533,870 from a variety of sponsors. The projects which received funds greater than \$25,000 are listed below:

Researcher	Sponsor	Project Title	Funding
Aftab Mufti (Civil Engineering)	Province of Manitoba – ISIS Canada Resource Centre	Bridge weigh-in-motion and fatigue performance of steel bridge girders	\$32,000
Ehab El-Salakawy (Civil Engineering)	Province of Manitoba – ISIS Canada Resource Centre	Seismic performance of FRP-reinforced concrete columns	\$36,000
Dagmar Svecova (Civil Engineering) and Douglas Thomson (Electrical and Computer Engineering)	Province of Manitoba – ISIS Canada Resource Centre	Long-term performance of smart beams	\$72,000
Douglas Thomson (Electrical and Computer Engineering) and Dagmar Svecova (Civil Engineering)	Province of Manitoba – ISIS Canada Resource Centre	Dielectric concrete cure monitoring	\$32,000
Dean McNeill (Electrical and Computer Engineering)	Province of Manitoba – ISIS Canada Resource Centre	A platform for the on-line visualization of SHM information	\$80,000
David Barber	Province of Manitoba (Manitoba Centres of Excellence)	ArcticNet (Seven Projects)	\$100,664

Two investigators have received a total of \$77,040 for 2 projects from the Networks Centres of Excellence (* = funding renewals). The projects which received greater than \$25,000 are listed below:

Researcher	Sponsor	Project Title	Funding
Kent HayGlass (Immunology)*	Allergy, Genes and Environment Network	The Canadian Health Infant Longitudinal Development (CHILD) Study	\$37,040
Wooil Moon (Geological Sciences)*	Carbon Management Canada	Integrated Gravimetric and Geodetic Monitoring of Geological CO ₂ Storage	\$40,000

Fifty health research projects received funding totally \$6,613,034 (>\$25,000) as follows:

Researcher	Sponsor	Project Title	Funding
Elissavet Kardami (Human Anatomy and Cell Science/St. Boniface Hospital Research)	Heart & Stroke Foundation of Manitoba	Mitochondrial connexin-43 phosphorylation and resistance to calcium overload induced damage	\$100,000
Joerg Stetefeld (Chemistry)	Heart & Stroke Foundation of Manitoba	The dual role of the snake venom lectin rhodocetin - From structure-function studies to biomedical applications	\$100,000
Sharon Bruce (Community Health Sciences)	CIHR	Developing a diabetes prevention intervention: Identifying and targeting contextually-relevant stressors	\$812,153
Maria Medved (Psychology)	CIHR	Older adults' mental health information needs and preferences: Bridging the gap in knowledge translation to increase mental health service utilization	\$105,000
Aaron Marshall (Biochemistry and Medical Genetics)	CIHR	Dynamics of SHIP localization and site-specific phosphorylation in B lymphocytes	\$105,000
Sharon Bruce (Community Health Sciences)	CIHR	Health perceptions of obese individuals and impact of public health messaging	\$70,000
Grant Pierce (Physiology/St. Boniface Hospital Research)	CIHR	The effect of flaxseed and flax oil on blood pressure and vascular health in hypertensive patients in a randomized double blinded placebo controlled clinical trial	\$105,000
Silvia Cardona (Microbiology)	Manitoba Health Research Council	Identification of target/mechanism of action of molecules with antibacterial properties for treatment against Burholderia	\$73,500
Andrew Goertzen (Radiology)	Manitoba Health Research Council	Development of novel positron emission tomography (PET) systems for simultaneous preclinical PET and magnetic resonance imaging	\$36,750

Lorrie Kirshenbaum (Physiology/St. Boniface Hospital Research)	Manitoba Health Research Council	Regulation of cell death by E2F- 1 proteins in heart	\$36,750
Peter Zahradka (Physiology/St. Boniface Hospital Research)	Canadian Diabetes Association	Beneficial metabolic and vascular effects of adiponectin require its proteolytic conversion to the globular form	\$267,259
Grant Pierce (Physiology/St. Boniface Hospital Research)	Manitoba Health Research Council	Nuclear protein import in smooth muscle cells	\$73,500
Vernon Dolinsky (Pharmacology and Therapeutics)	Manitoba Health Research Council	The role of adiponectin in pregnancies complicated by obesity and gestational diabetes	\$118,208
Eftekhari Eftekharpour (Physiology)	Health Sciences Centre Foundation	Investigation of a novel antioxidative approach for the treatment of spinal cord injury	\$69,959
Emmanuel Ho (Pharmacy)	Manitoba Health Research Council	Development and characterization of novel intravaginal microbicides for the prevention of HIV infection	\$99,999
Debbie Kelly (Psychology)	Manitoba Health Research Council	Avian model of aging: The effect of aging on spatial cognition and lateralization of brain function	\$99,982
Soheila Karimi- Abdolrezaee (Physiology/Manitoba Institute of Cell Biology)	Health Sciences Centre Foundation	Investigating the inhibitory influence of glial scar- associated factors on the regenerative properties of multipotent spinal progenitors in a clinically relevant model of spinal cord injury	\$70,000
Peter Jones (Food Science)	CIHR	Assessment of sterol metabolism in heterogeneous and homozygous sitosterolemia	\$356,988
Tooru Mizuno(Physiology)	CIHR	Regulation of lipid metabolism by xenin	\$686,242
Frank Schweizer (Chemistry)	Manitoba Health Research Council	Development of multi-targeting aminoglycoside antibiotics designed to overcome multidrug and aminoglycoside- resistance	\$410,000
Roberta Woodgate (Nursing)	CIHR	Improving access to community-based primary health care (CBPHC) for African immigrant and refugee families	\$331,207

Eftekhar Eftekharpour (Physiology)	Canadian Paraplegic Association (Manitoba) Inc.	Protein transduction technology for treatment of spinal cord injury	\$47,500
Sari Hannila (Human Anatomy and Cell Science)	Canadian Paraplegic Association (Manitoba) Inc.	Reducing astroglial scarring after spinal cord injury through SLPI-mediated downregulation of Smad2	\$40,800
Michael Namaka (Pharmacy)	Canadian Paraplegic Association (Manitoba) Inc.	The role of BDNF in myelin repair following non-traumatic spinal cord injury	\$44,000
Jitender Sareen (Psychiatry)	CIHR	Culturally grounded suicide intervention in Cree Nation communities	\$200,000
James Blanchard (Community Health Sciences)	CIHR	Social, behavioural and transmission properties associated with diversity in HIV epidemics among people who inject drugs and other key populations	\$428,369
Lisa Lix (Community Health Sciences)	Manitoba Health Research Council	Algorithms for administrative health databases	\$410,000
Xi Yang (Medical Microbiology)	Children's Hospital Foundation of Manitoba Inc.	Mechanistic study of the role of DC subsets in infection-mediated inhibition of allergy/asthma	\$40,000
Ryan Zarychanski (Internal Medicine)	CIHR	Heparin anticoagulation to reduce death in septic shock: The HALO pilot	\$288,152
Jun-Feng Wang (Pharmacology and Therapeutics)	CIHR	Neuroprotective effect of mood stabilizers: The role of the major brain antioxidant glutathione	\$25,000
Alan Katz (Community Health Sciences)	University of Toronto	Paying for primary care: Relationship b/w incentive and patient/provider characteristics	\$60,000
Lisa Lix (Community Health Sciences)	Manitoba Health Research Council	The analysis of patient-reported outcome measures: Statistical methods for response shift (PROM-RS)	\$57,216
Peter Nickerson (Internal Medicine)	CIHR	Correlation of HLA alloepitopes with the development of de novo donor specific antibodies after renal transplantation	\$40,000
Peter Nickerson (Internal Medicine)	Kidney Foundation of Canada	Correlation of HLA alloepitopes with the development of de novo donor specific antibodies	\$90,000

		after renal transplantation	
Stephen Moses (Community Health Sciences)	Manitoba Health Research Council	Algorithms for administrative health databases	\$90,000
Jude Uzonna (Immunology)	Children's Hospital Foundation of Manitoba Inc.	Regulation of secondary anti-leishmania immunity: Role of CD3+CD4-CD8-T cells	\$36,750
Jude Uzonna (Immunology)	Manitoba Health Research Council	Regulation of secondary anti-leishmania immunity: Role of CD3+CD4-CD8-T cells	\$36,750
Andrew Goertzen (Radiology)	Terry Fox Research Institute	Development of novel positron emission tomography (PET) systems for simultaneous preclinical PET and magnetic resonance imaging	\$36,750
Lorrie Kirshenbaum (Physiology/St. Boniface Hospital Research)	University of British Columbia	Molecular regulation of cell death by E2F-1 proteins	\$30,000
Ana Hanlon-Dearman (Community Health Sciences)	Province of Manitoba	Evaluating the effectiveness of an attachment-focused intervention in preschool children with Fetal Alcohol Spectrum Disorder (FASD) or at-risk for FASD: A randomized controlled field trial	\$25,000
Lorrie Kirshenbaum (Physiology/St. Boniface Hospital Research)	St. Boniface General Hospital Research Foundation	Regulation of cell death by E2F-1 proteins in heart	\$36,750
Annemieke Farenhorst (Soil Science)	Manitoba Innovation, Energy and Mines	Proposal for the NSERC Prairie Chair for Women in Science and Engineering to be established at the University of Manitoba	\$50,000
Peter Budzelaar (Chemistry)	Manitoba Health Research Council	Development of multi-targeting aminoglycoside antibiotics designed to overcome multidrug and aminoglycoside-resistance	\$90,000
Jonathen McGavock, (Pediatrics and Child Health/MICH)	Children's Hospital Foundation of Manitoba Inc.	Diabetes research envisioned and accomplished in Manitoba (DREAM) theme	\$84,000
Hilary Grocott (Anaesthesia)	McLaughlin Foundation	Bleeding and transfusion in cardiac surgery	\$25,000

Hilary Grocott (Anaesthesia)	Manitoba Medical Service Foundation	Bleeding and transfusion in cardiac surgery	\$25,000
Jonathan McGavock (Pediatrics and Child Health/MICH)	Children's Hospital Foundation of Manitoba Inc.	Aboriginal youth mentorship program	\$25,000
Zhikang Peng (Pediatrics and Child Health)	Children's Hospital Foundation of Manitoba Inc.	Myeloid derived suppressor cells ameliorate intestinal inflammatory responses	\$36,750
Zhikang Peng (Pediatrics and Child Health)	Manitoba Health Research Council	Myeloid derived suppressor cells inhibit intestinal inflammatory responses	\$36,750
Soheila Karimi- Abdolrezaee (Physiology/MICB)	Canadian Paraplegic Association (Manitoba) Inc.	Enhancing axonal protection and remyelination after spinal cord injury by neuregulin-1 therapy through a bioengineered drug delivery approach	\$50,000

Eight researchers were awarded contract funding totalling **\$549,929 for projects over \$25,000:**

Researcher	Sponsor	Project Title	Funding
John Campbell (Natural Resources Institute)	Parks and Protected Areas Research Forum of Manitoba	A decade of parks research: Looking back and planning for the future	\$75,000
Juan Rodriguez-Lecompte (Animal Science)	Manitoba Association of Agricultural Societies Inc.	Stimulation of chicken intestinal immune system using prebiotics and probiotics, separately and as a blend, for the protection of chickens from Salmonella typhimurium infections	\$55,000
Harry Sapirstein (Food Science)	Western Grains Research Foundation	Improving farinograph absorption of CWRW wheat by screening for pentosan content	\$161,540
Lorna Jakobson (Psychology)	Manitoba Lotteries Corporation	A longitudinal investigation of the problem gambling pathways model with an undergraduate student population	\$60,000
Marolo Alfaro (Civil Engineering)	Manitoba Infrastructure & Transporation	Evaluating the performance of highway embankments on degraded or degrading permafrost	\$49,589
Zahra Kazem Moussavi (Electrical and Computer Engineering)	Philips Healthcare	AWakeOSA validation research proposal	\$59,800

Carla Taylor (Human Nutritional Sciences)	Manitoba Association of Agricultural Societies Inc.	Effects of plant versus marine sources of dietary omega-3 fatty acids on adipose function and hepatic steatosis	\$62,000
Cheryl Rockman-Greenberg (Pediatrics and Child Health/MICH)	University of Calgary	Enzyme replacement therapy for Fabry disease: A model for the integrations of rare disease therapeutics into the Canadian health care system	\$27,000

ADMINISTRATIVE MATTERS

- The Visionary (re)Generation International Urban Design Competition brief is in final form and has been forwarded to the Board of Governors for approval. The brief is a comprehensive document that is essentially a ‘roadmap’ for competition teams to use as a guide.

The draft competition brief was reviewed by over 50 reviewers including several Faculty of Architecture including Dean and Heads of City Planning and Landscape Architecture; Engineering including Mechanical and Manufacturing Engineering; Civil Engineering; Transportation Engineering; Environmental Engineering; Faculty of Agricultural and Food Sciences; Faculty of Kinesiology and Recreation Management; Sustainability Committee; Physical Plant; Neighbourhood representatives; U of M Retirees, the Campus Planning Advisory Committee and City of Winnipeg. The Competition Jury will be in Winnipeg on November 9th to review the competition brief.

The competition voting jury has been confirmed and is comprised of the following:

- four general jurors – representing stakeholders
- six technical/design jurors – representing the following areas of expertise – architecture, urban design/planning, landscape architecture and engineering.

In addition to the voting jury, guests to the jury are non-voting stakeholders who are invited to participate in all jury events and represent key constituencies such as students, government and the Board of Governors.

Phase one of the engagement program wrapped up with a University Open House. Over 200 students, staff and the general public attended the event. The open house provided an opportunity to see the outcomes from the engagement process to date and to provide further input to refine the draft competition instructions.

The Open House was in addition to:

- Kick Off Design Charrette Workshop – 66 people – internal and external stakeholders
- Six Neighbourhood Network meetings – over 40 each meeting
- University Community
- External Stakeholder meetings – Active Transportation, City of Winnipeg, Province of Manitoba, Economic Development Winnipeg, Design Associations, Manitoba Hydro, Pal 55, Winnipeg Blue Bombers, elected officials, development and homebuilders,

The following competition schedule will be confirmed with the Board of Governors :

- Competition Launch - December 2012

- Competition Phase 1 – January – May 2013
- Competition Phase 2 – May – September 2013
- Winner Announced – October 2013

Manitoba Hydro has been confirmed as a competition partner.

- The **Bannatyne Master Plan** process is nearing the completion of the first phase, being a conceptual vision and preliminary master plan for the campus. The preliminary master plan will form the basis for the following next steps:
 - a broad engagement process
 - detailed analysis of space requirements in the short, mid and long term.

The master planning process is looking at:

- Future campus growth requirements – specific to assessing and understanding the scope/scale, at a higher level, of space development need for the Faculty of Nursing and also, assessing the implications of demolishing the T-Building and how to accommodate the functional/programming space needs of the displaced functions. Key to this process will be an understanding emerging trends in learning and teaching such as co-learning spaces.
- How to integrate our campus requirements and plans with the Health Sciences draft master plan and
- How to create a sense of community in both interior and exterior spaces.

George Cibinel Architects has been retained to assist with the project. A Steering committee made up of the health science faculty Deans has been set up and meets regularly.

- Educational Consulting Services (ECS) have been retained to develop a **Space Master Plan for the Fort Garry Campus**, being the successful proponent of a competitive bid process. The Space Master Plan will guide the short, mid and long term development and use of the available space and building assets and make informed recommendations on reallocations, renovations, new construction and demolition for the Fort Garry Campus.
- The grand opening of the **Frank Kennedy Computer Lab** was held on November 5th. The renovated computer lab reflects the growing use of mobile devices by providing “power up” outlets and collaborative workstations for group work.
- Planning and design work has begun on the next **Email Project** which is the migration of students, retirees and alumni to a “cloud” hosted Microsoft Exchange 365 service. IST will be working with student groups on the planning for the rollout of this service (estimated for Fall 2013).
- **Copyright** law continues to be in a significant state of flux. A series of five Supreme Court of Canada cases was released which support liberal rights for users. In response, AUCC has approved

a new fair dealing policy, which it will recommend for adoption at member institutions. Finally, the new Copyright Act has been proclaimed, which also supports more liberal rights of use.

- **Arcadia Pictures Inc. was filming a movie** on campus from October 20 – 28th. The feature film is from Mexico and is entitled Cuidades Desiertas (Deserted Cities) – a romantic comedy starring international star Gael Garcia Bernal. It is directed by Roberto Sneider and the production designer is Eugenio Caballero who won an Academy Award for Pan's Labyrinth. The majority of the filming took place in University College and students and staff were involved in the production

EXTERNAL MATTERS

- The University of Manitoba served as a platinum sponsor of Free the Children's We Day celebration in Winnipeg on October 30, 2012. 18,000 students from across Manitoba attended the event, which was dedicated to inspiring youth to help their peers around the world. The University of Manitoba was featured in print and on-screen advertisements promoting the event and during the event; medicine student Tito Daodu was among a number of celebrities and sponsor representatives who took the stage to tell her story of community outreach to her native Nigeria; 20 University of Manitoba staff served as volunteers; and a booth promoting the University of Manitoba was set up on the concourse.
- As part of our national trailblazer advertising, airport posters have appeared from mid-August through November in the Calgary, Vancouver and Toronto airports. Complementing this, our new Trailblazer campaign ads have launched in national print publications. These ads showcase a selection of prominent faculty and researchers – Jamie Blanchard, Steve Kirby, Soren Rysgaard, Annemieke Farenhorst, Wanda Wuttanee, Cyrus Shafai and Karen Busby – and are appearing in the Globe and Mail, University Affairs, Hill Times, Research Infosource, and others.
- In the local market, our recruitment marketing campaign launched in October with billboards, online ads, movie theatre posters, washroom mirrors and a social media contest. In this innovative campaign the Trailblazer creative is adapted to visually depict the transformative experience that students undergo at the University of Manitoba. The campaign runs until early December with a second flight of advertising appearing late January through early March.
- As of November 2, 2012, the university has raised \$11, 593,141.69 in this fiscal year. **Significant gifts include:**
 - \$142,600 from the Manitoba Pharmaceutical Association for the Manitoba Pharmaceutical Association Fund
 - \$ 1,000,000 from Henry and Saul Koschitzky for the IKO Construction Materials Testing Facility in the Faculty of Engineering

- \$230,000 from William R. Kernaghan for the William Robert Kernaghan Memorial Bursaries and the William Robert Kernaghan Memorial Scholarship
- External Relations held individual meetings with the Minister of Infrastructure and Transportation Steve Ashton, Minister of Culture, Heritage and Tourism Flor Marcelino, and Minister of Entrepreneurship, Training and Trade Peter Bjornson. A meeting with Minister of Conservation and Water Stewardship Gord Mackintosh is confirmed for early November and dates are being set for meetings with Minister of Family Services and Labour Jennifer Howard and Minister of Innovation, Energy and Mines Dave Chomiak.
- As well, External Relations facilitated a tour of the National Centre for Livestock and the Environment (NCLE) for 6 members of the NDP Caucus.
- In support of positioning the University of Manitoba as a thought leader on issues of public importance, External Relations made a presentation to the House of Commons Finance Committee recommending a) additional research funding, b) support for internationalization, c) support for Aboriginal education.
- The second event of our award-winning Visionary Conversations series for 2012-2013 was held on Tuesday, October 9th at 6:30 p.m. in the Robert Schultz Lecture Theatre. The topic discussed was *Innovation: The Key to Economic Success*.
- Homecoming 2012 was held from September 12-16, 2012. Over 30 different events took place on the various U of Manitoba campuses. Over 30 different reunions gathered together in support of various class anniversaries and milestones including IH Asper School of Business 75th Anniversary and Medical Rehabilitation's 50th Anniversary.
- This year, the marketing for Homecoming included a strategic marketing and media plan which resulted in the following exposure:
 - 6 unique news releases were sent out during Homecoming
 - WFP and Chris D Winnipeg News blog carried 4 different posts
 - 4 Radio stations mentioned Homecoming on their shows
 - CJOB broadcast live from campus on September 7, talked up Homecoming
 - 3 stations covered the Indigenous Achievement event including CTV broadcasting their morning show live from Migizii Agamik
 - 5,069,256 impressions of Facebook, only to U of M graduates
 - 504,681 impressions on the Winnipeg Free Press website
 - Twitter followers grew 2.4%
- An event in Hong Kong was held on September 20 with special guests including Lieutenant Governor of Manitoba Philip Lee and Premier of Manitoba Greg Selinger. Sir Gordon Wu, University of

Manitoba Honorary Degree Recipient and John Kearsey both spoke at the event as well. Over 120 guests attended.

- A Visionary Conversations event was held in Hong Kong on November 3rd, 2012. University of Manitoba panelists included Dr. Xin-Min Li – Professor, Psychiatry and Assistant Dean of the International Graduate Program; and Dr. Lawrence Deane – Associate Professor, Faculty of Social Work.

Report of the Senate Executive Committee

Preamble

The Executive Committee of Senate held its regular monthly meeting on the above date.

Observations

1. Speaker for the Executive Committee of Senate

Professor Mark Gabbert will be the Speaker for the Executive Committee for the December meeting of Senate.

2. Comments of the Executive Committee of Senate

Other comments of the Executive Committee accompany the report on which they are made.

Respectfully submitted,

Dr. David Barnard, Chair
Senate Executive Committee
Terms of Reference:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/477.htm

Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Medicine Policy on Forward Feeding Clerkship Summative Evaluation Information

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. At its meetings on September 20 and October 25, 2012, the Committee considered a proposal from the Faculty of Medicine to establish a policy on Forward Feeding Clerkship Summative Evaluation Information, as approved by its Faculty Executive Council.

Observations:

1. The purpose of the Faculty of Medicine policy on Forward Feeding Clerkship Summative Evaluation Information is, “[to] set out a process for student evaluation data to be fed forward to subsequent course directors to facilitate targeted academic assistance.” The policy applies to students in the Undergraduate Medical Education (UGME) Program.
2. The policy on Forward Feeding Clerkship Summative Evaluation Information is intrinsically linked to the Faculty of Medicine policy on Remediation (Senate, November 7, 2012) in that it provides for targeted academic assistance.
3. Section 3.1 of the policy defines the circumstances during clerkship in which forward feeding may occur: (i) a student has failed a Final In-Training Evaluation Report (FITER); (ii) a student has received two borderline passes on FITERs; (iii) significant professionalism or patient safety concerns (not otherwise indicated on the FITER) have been identified.
4. The policy describes the mechanism by which forward feeding would occur, in sections 3.2 through 3.6. Notably, in section 3.4, the policy describes the role of the Progress Committee in making decisions on matters concerning forward feeding student summative evaluation information including the number of rotations for which information will be forward fed, the areas of concern that are to be forward fed, and general recommendations for remediation.
5. The Access and Privacy Office has reviewed the policy at the Committee's request and has confirmed that the policy complies with Freedom of Information and Protection of Privacy Act (FIPPA). Section 3.5 was amended, based on a recommendation from that Office, to make clear that students have the right to have full access to the completed Forward Feeding Reports. Students' rights to access this information was implicit in an earlier draft of the policy and in the Faculty's current practices with respect to forward feeding summative evaluations.

6. The Committee views the Faculty of Medicine policy on Forward Feeding Clerkship Summative Evaluation Information as a positive development for students. The document sets out a clear policy and process for forward feeding information on student progress that fully engages the student in a confidential way, in place of the *ad hoc* process that was followed previously.

Recommendation:

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the establishment of the Faculty of Medicine Policy on Forward Feeding Clerkship Summative Evaluation Information, effective upon approval.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

Date: July 5, 2012
To: Jeff LeClerc
From: Barry Cohen
Re: Forward Feeding Clerkship Summative Evaluation Information Policy for Approval

Background: In the past, no mechanism existed within Undergraduate Medical Education for forward feeding summative assessment information regarding particular students from one clerkship to the next. After review of the literature and broad consultation, it was felt that Forward Feeding could, in some circumstances, be of benefit to students, in order to mitigate continued difficulties. [Identify need for this policy, whether is a new policy or revisions to existing policy, alignment with Faculty of Medicine and University of Manitoba strategic priorities, consistency with other policies/applicable regulations/accreditation standards, and other pertinent information]

Purpose: This Policy defines the circumstances during clerkship in which forward feeding can occur, and describes the mechanism by which it does occur. This in turn allows for targeted academic assistance. [advise, at a high level, the need for the policy, intent and purpose it is to serve. If revisions, advise generally as to type of revisions/sections revised]

Evidence of Best Practice: Review of the literature, including Frellsen SL et al. *Acad Med* 2008 Sep;83(9):876-81 and Cleary L. *Acad Med* 2008 Sep;83(9):800. [if applicable, advise whether other jurisdictions were researched, other policies from other Universities reviewed, etc.]

Consultation Process: As with all policy and procedure documents, this document was vetted through a variety of committees, including: Committees of Evaluation, Progress Committee, and Faculty Executive Council. [advise of key stakeholders/committees that were consulted, and if issues were identified during the process, were they successfully resolved]

Communication and Implementation Plan: Students are informed of this policy and procedures document at the beginning of clerkship. Also, at the beginning of each academic year, each class of students receives a complete listing of existing, new, and revised policy and procedure documents, with reference to the Policy & Procedure webpage of the Undergraduate Medical Education website. [outline the education plan for staff/students, as applicable, to learn and implement the policy, and the communication plan for the policy, including where it will reside (on website, etc.)]

Proposed Review Date: June 2014. [advise the time frame for revisiting the policy to ensure still best practice and compliance with the policy – range of one to five years]

Faculty of Medicine Policy

Policy Name:	Forward Feeding Clerkship Summative Evaluation Information
Application/ Scope:	Year III and Year IV Medical Students; Clinical Preceptors/Clerkship Directors/Designates
Approved (Date):	
Review Date:	June 2014;
Revised (Date):	10 October 2012
Approved By:	Faculty Executive Council

1. **PURPOSE**

To set out a process for student evaluation data to be fed forward to subsequent course directors to facilitate targeted academic assistance.

2. **DEFINITIONS**

- 2.1 FITER – Final In-Training Evaluation Report electronically distributed at the start of each rotation and completed and submitted electronically at the end of each rotation.
- 2.2 Forward Feeding – Sharing summative evaluation information from a rotation the student has completed with the Clerkship Director for a rotation or rotations to which the student is scheduled in the future.
- 2.3 COE – Committee of Evaluation.

3. **POLICY STATEMENTS**

- 3.1 Forward Feeding may only occur respecting a student who has failed a FITER, has received two borderline passes on FITERs, or about whom significant professionalism or patient safety concerns (not otherwise indicated on the FITER) have been identified.
- 3.2 COE Clinical discusses and votes on Forward Feeding and then the Chair, COE Clinical brings the vote results to Progress Committee for discussion and decision.
- 3.3 Progress Committee makes a final decision on Forward Feeding student summative evaluation information from one rotation to another rotation.
- 3.4 Progress Committee's decisions on Forward Feeding may include:
 - The number of rotations for which summative evaluation information will be forward fed;

- The areas of concern that will be forward fed; and general recommendations for remediation.

Progress Committee makes decisions on Forward Feeding student summative evaluation information on a case-by-case basis.

- 3.5 Each student, for whom a decision is made to Forward Feed summative evaluation information, will be notified of such a decision. In these instances, students retain the right to view the completed Forward Feeding Reports and any personal information contained therein.
- 3.6 The Director, Evaluation or designate is responsible for Forward Feeding the approved summative evaluation information to the faculty of the next clinical rotation to which the student is assigned.

4. **PROCEDURES**

RESPONSIBILITIES OF THE STUDENT

- 4.1 Complete the Midpoint In-Training Evaluation Report (MITER).
- 4.2 Participate in the midpoint meeting with faculty.
- 4.3 Seek support to improve academic success when presented with evaluation information that indicates there are academic concerns i.e. Student Affairs, Faculty of Medicine; Office of Disability Services, University of Manitoba.
- 4.4 Participate in the Final In-Training Evaluation Report (FITER) meeting.
- 4.5 Actively engage in addressing identified deficiencies that are forward fed.

RESPONSIBILITIES OF CLERKSHIP DIRECTOR

- 4.6 Monitor student progress throughout the rotation, ensuring the Midpoint In-Training Evaluation (MITER) meeting of the preceptor and student takes place.
- 4.7 Complete the Final In-Training Evaluation Report (FITER) identifying all areas of concern.
- 4.8 Inform the Director, Clerkship Curriculum and Chair, COE Clinical that Forward Feeding must be considered within 2 working days of finalizing the FITER. In the case of shorter rotations that do not use a FITER for evaluation, this notification must occur within 2 working days of the end of the rotation.
- 4.9 Inform the student in question that a request to forward feed summative information has been made.
- 4.10 Participate in discussion and voting at COE Clinical with respect to Forward Feeding of summative evaluation information on identified student(s).
- 4.11 Distribute any information that has been forward fed from the previous rotation to the relevant faculty.
- 4.12 Review the academic progress reports of students whose summative evaluations have been forward fed, and report outcomes of remediation to COE Clinical.

RESPONSIBILITY OF MEMBERS OF COE CLINICAL

- 4.13 Participate in the discussion and vote at COE Clinical with respect to each situation presented related to forward feeding of summative evaluation information.

RESPONSIBILITIES OF CHAIR, COE CLINICAL

- 4.14 Ensure that all relevant information is available for COE Clinical member discussion and voting.
- 4.15 Oversee the COE Clinical voting process. This may occur electronically.
- 4.16 Bring the decision of COE Clinical to the attention the Director, Evaluation/Chair, Progress Committee within 3 working days after a vote by COE Clinical.
- 4.17 Participate in the discussion at the Progress Committee with respect to each situation presented related to forward feeding of summative evaluation information

RESPONSIBILITIES OF MEMBERS OF PROGRESS COMMITTEE

- 4.18 Participate in the discussion and vote at Progress Committee with respect to each situation presented related to forward feeding of summative evaluation information.
- 4.19 Render a decision on the request to forward feed within three working days of receipt of this request.

RESPONSIBILITIES OF DIRECTOR, EVALUATION/CHAIR, PROGRESS COMMITTEE

- 4.20 Organize a Progress Committee meeting to discuss the COE Clinical results. This may occur electronically.
- 4.21 Ensure that all relevant summative evaluation information is available for Progress Committee member discussion and voting.
- 4.22 Oversee the Progress Committee voting process.
- 4.23 Forward feed the summative evaluation information, as indicated by the Progress Committee to the clerkship director of the next scheduled rotation, within three working days of the Progress Committee vote.
- 4.24 Inform the student in question of the decision of the Progress Committee.
- 4.25 Review the FITER from the next scheduled rotation with the Progress Committee, in order to determine if identified deficiencies have been remediated, and if further forward feeding is required.

RESPONSIBILITIES OF EVALUATION PERSONNEL

- 4.26 Ensure that all FITER information is recorded in a timely manner and in accordance with other UGME policies related to Student Evaluation.
- 4.27 Maintain the database that tracks summative evaluation information.
- 4.28 Inform the Director, Progress Committee of cases where a student has two borderline passes on FITERs.
- 4.29 Provide support to the Chair, COE Clinical and Director, Evaluation/Chair, Progress Committee in their work of preparing for meetings that involve discussion and voting on student summative evaluation information and preparing and distributing documents when committee decisions are made.

5. **REFERENCES**

- 5.1 [UGME Policy & Procedures - Midpoint In-Training Evaluation & Final In-Training Evaluation Preparation, Distribution and Completion and Essential Clinical Presentations Preparation, Distribution, Audit, and Remediation](#)
- 5.2 [UGME Policy & Procedures – Remediation](#)
- 5.3 [Frellsen SL, Baker EA, Papp KK, Durning SJ. Medical school policies regarding struggling medical students during the internal medicine clerkships: results of a national survey. Acad Med 2008 Sep;83\(9\):876-81.](#)
- 5.4 [Cleary L. "Forward feeding" about students' progress: the case for longitudinal, progressive, and shared assessment of medical students. Acad Med 2008 Sep;83\(9\):800.](#)

6. **POLICY CONTACT**

Director, Evaluation

Report of the Senate Committee on Instruction and Evaluation RE: Revised Graduation Requirements for B.Sc. Major Degrees in Biological Sciences and Chemistry

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. The Committee met on October 25, 2012 to consider a proposal from the Faculty of Science to revise the graduation requirements for the B.Sc. Major degree programs in Biological Sciences and Chemistry.

Observations:

B.Sc. Major in Biological Sciences

1. The Faculty of Science is proposing changes to the graduation requirements for the B.Sc. (Major) in Biological Sciences, including the Cooperative Option. The current regulations allow students obtain a minimum grade of "D" in all courses and a minimum GPA of 2.0. The revised regulations would require that students achieve a minimum grade of "C" on all required and required Option courses, as well as a minimum GPA of 2.0, in order to graduate.

B.Sc. Major in Chemistry

2. The Faculty of Science is proposing changes to the graduation requirements for the B.Sc. (Major) in Chemistry, including the Cooperative Option. The current regulations require that students obtain a minimum grade of "C" on the 54 credit hours of required Chemistry courses (i.e. and not including the required Focus Area courses) and a minimum GPA of 2.0. The revised regulations specify that students must achieve a minimum grade of "C" on all required Chemistry and Focus Area courses, as well as a minimum GPA of 2.0 in order to graduate
3. The proposed change is meant to ensure that students completing one of the Chemistry Focus Areas have the same academic rigor in their program as those who do not select a focus area.

Recommendation:

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve amendments to the graduation requirements for the B.Sc. Major degree programs, including the Cooperative options, in Biological Sciences and Chemistry, effective September 1, 2013.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

**BIOLOGICAL SCIENCES
PROGRAM MODIFICATIONS
EFFECTIVE 2013 FALL TERM**

Change to all Biological Sciences Major Degree (incl. Co-op) Graduation requirements

Current Regulations:

To graduate with the Bachelor of Science (Major) in Biological Sciences, a student must obtain passing grades on all courses, and obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree.

Proposed Regulations:

To graduate with the Bachelor of Science (Major) in Biological Sciences, a student must obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree, and a minimum grade of "C" or better in all required and required option courses.

Rationale: Currently students can graduate from the Major degree program with a grade of "D" in a core, required, or optional course. It is the department's desire to institute regulations stating that in order to graduate from the B.Sc. Major degree in Biological Sciences, students must obtain at minimum a grade of "C" or better in all required and required optional courses.

**CHEMISTRY
PROGRAM MODIFICATION
EFFECTIVE 2013 FALL TERM**

Change to the B.Sc. Major Degree Graduation requirements

Current Regulations:

Four Year Major Requirements

To graduate with the Major degree, students must present a grade of "C" or better on the 54 credit hours of Chemistry required in the degree and a Degree Grade Point Average of 2.00.

Current Major Co-op Regulations:

To graduate with the Major Degree (Co-operative Option), students must present a grade of "C" or better on the 54 hours of Chemistry required in the degree and a Degree Grade Point Average of 2.00.

Proposed Regulations:

Four Year Major Requirements

To graduate with the Bachelor of Science (Major) in Chemistry, a student must obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree, and a minimum grade of "C" or better in all required Chemistry and Focus Area courses.

Proposed Major Co-op Regulations:

To graduate with the Bachelor of Science (Major Co-operative option) in Chemistry, a student must obtain a minimum GPA of 2.00 on the 120 credit hours that contribute to the degree, and a minimum grade of "C" or better in all required Chemistry and Focus Area courses.

Rationale: This change is ensures that students selecting one of the Chemistry Focus Areas will have the same rigor in their program as those students that choose not to complete a Focus area.

The new wording ensures students obtain at least a grade of "C" on all Chemistry and Focus Area courses that are required in the degree.

Report of the Senate Committee on Instruction and Evaluation RE: Faculty of Human Ecology, Direct Entry Assessment Policy

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. The Committee met on October 25, 2012 to consider a proposal from the Faculty of Human Ecology to amend its Academic Regulations, to define a policy for assessing the academic standing of direct entry students.

Observations:

1. Following from the recent establishment of a Direct Entry category of admission (Senate, February 2, 2011), and with the arrival of the first cohort of students admitted to the Faculty via Direct Entry in September 2012, the Faculty of Human Ecology is proposing two changes to its Academic Regulations, to establish rules for assessing the academic standing of direct entry students.
2. The first change is to add a statement to the Academic Regulations in the Undergraduate Calendar indicating that direct entry students who have completed at least 24 credit hours will be assessed in May each year using established probationary standards for the various programs offered through departments in the Faculty.
3. The Academic Regulations will also be amended to include a new assessment, academic warning. The objective is to establish a process to identify direct entry students, who have completed fewer than 24 credit hours, who might be in academic jeopardy early on in their program. Direct entry students who have completed fewer than 24 credit hours and who have a GPA lower than 2.0 will be placed on academic warning and will be encouraged to meet with a student advisor.

Recommendation:

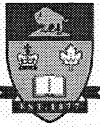
The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve amendments to the Academic Regulations of the Faculty of Human Ecology to establish a policy for assessing the academic standing of direct entry students, effective for the September 2012 intake of students.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.



UNIVERSITY
OF MANITOBA

Faculty of
Human Ecology

Office of the Dean

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Date: September 27, 2012

To: Dr. J. Ristock, Chair, SCIE

From: Dr. G. Sevenhuysen, Dean, Faculty of Human Ecology

Subject: Faculty of Human Ecology – Direct Entry Assessment Policy

Beginning in September, 2012, eligible students were admitted directly from high school into the programs of the Faculty of Human Ecology. Assessment rules regarding progression, graduation and academic standing are in place for students admitted from previous University work. Student programs are automatically assessed in Banner at the end of each academic term. The assessments that are generated are (a) Faculty minimum met and/or (b) Dean's Honour list. The status of each student is formally assessed according to the Faculty rules in May of each year in which a student is registered. Direct Entry students will be assessed by the same standards as all other students in the Faculty, but policy must be created for the first 24 credit hours of University.

Currently, academic warning is an informal review of a student's grades, usually at the end of the first term of study. Students will be notified by the Advising Office and encouraged to meet with an Academic Advisor, who will provide information about academic and other resources related to performance improvement and University attendance and the need to avoid further low or failing grades.

Current assessment policy is found in the *2012 – 2013 Undergraduate Academic Calendar*, Section 3, Faculty Academic Regulations (p. 491):

Probationary Standards:

General Human Ecology, Family Social Sciences, Human Nutritional Sciences, Textile Sciences programs:

Effective Credit Hours	Minimum G.P.A.
24 – 30 hours	1.80
33 – 60 hours	1.85
63 – 90 hours	1.9
93-117 hours	1.95
120+ hours	2.0

Interdisciplinary Health Degree Programs:

24 – 30 hours	1.80
33 – 60 hours	1.85
63 – 90 hours	1.9
93-117 hours	1.95
120+ hours	2.0

The following changes are proposed to the Faculty of Human Ecology's assessment policy:

- A. The following comment will be added to the current documentation: **All direct entry students will be assessed formally upon completion of at least 24 credit hours in May of each year using the Faculty of Human Ecology's assessment standards.**
- B. A new assessment of **academic warning** will be added to the probationary standing chart for Direct Entry students who complete fewer than 24 credit hours by May of each year and have a gpa under 2.0.

General Human Ecology, Family Social Sciences, Human Nutritional Sciences, Textile Sciences Programs:

Effective Credit Hours	Minimum G.P.A.	New Assessment
9 – 21 hours	< 2.0	Academic Warning
24 – 30 hours	1.80	
33 – 60 hours	1.85	
63 – 90 hours	1.9	
93 – 117 hours	1.95	
120+ hours	2.0	

Interdisciplinary Health Degree Programs:

Effective Credit Hours	Minimum G.P.A.	
9 – 21 hours	< 2.0	Academic Warning
24 – 30 hours	2.0	
33 – 60 hours	2.2	
63 – 90 hours	2.4	
93 – 117 hours	2.5	
120+ hours	2.5	

Effective September 2012 Admission

Motion Approved at Human Ecology Faculty Council, September 10, 2012



UNIVERSITY
OF MANITOBA

Faculty of Arts

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Email Arts-inquiry@ms.umanitoba.ca

Received

JUL 05 2012

University Secretariat

DATE: June 29, 2012
TO: Jeff Leclerc, Secretary, Senate
FROM: J. Taylor, Dean, Faculty of Arts *[Signature]*
M. Whitmore, Dean, Faculty of Science *[Signature]*
E. Worobec, Director, University 1 *[Signature]*
SUBJECT: Revised Regulations for the Faculty of Arts, the Faculty of Science and University 1

Background

Over the past year or so and in part prompted by Associate Vice-Provost Gottheil, administrators in the Faculty of Arts, Faculty of Science and University 1 have been reviewing four specific regulations. The aim was to harmonize those regulations so that the movement from University 1 to either faculty, or between Arts and Science could be completed very easily, and that, for the most part, students could expect the same regulations and procedures to be applied regardless of faculty. This harmonization would also provide equitable entrance and assessment standards for University 1 and direct entry faculties.

Reports

At its meeting of May 31, 2012, the Faculty Council of Science approved the attached report of the Faculty of Science Committee on Student Standing. At its meeting of April 10, 2012, Arts Faculty Council approved the attached Report of the Faculty of Arts Academic Regulations Policy Committee. At its meeting on March 27, 2012, the University 1 Advisory Committee endorsed the attached report.

These reports harmonize four significant areas of regulations governing academic standing rules, transitting rules from University 1, admission as a transfer student (Arts and Science only) and Dean's Honour List. The result of the harmonization of academic standing rules and procedures and revised transitting protocols will ensure:

- progression of students from University 1 to a degree granting faculty
- equitable entrance and academic assessment standards for University 1 and direct entry students
- the development of an academic advising strategy that focusses on early intervention and academic support for students performing below a specific standard.

Below is a summary of the proposed changes:

1) Academic Standing Rules

- There will be two formal assessment categories: Minimum Met (MM) and Academic Suspension. Students will be assessed at the end of each term in which they are registered.
- Students will be assessed as MM if they have accumulated fewer than 36 credit hours of 'F' grades.
- Categories of students who are at risk of exceeding the limit of 'F' grades will be identified. Similarly, students who continue to perform marginally i.e., have a GPA of = or < 1.75 will also be identified for intrusive advising. Additionally, students who are nearing completion of half of their degree (48 credit hours or more) with a DGPA of <2.00 will be identified and advised.
- Students identified in any of the "at risk" categories will receive intrusive advising to assist with improving their academic standing.

Students in the Faculty of Arts, the Faculty of Science and University 1 will be placed on academic suspension for one year (regardless if there has been evidence of improved performance) if they have: more than 36 credit hours of "F" grades,

Following the one year suspension, the student may return upon application to the Faculty of Arts or Science by selecting one of the following irreversible options:

(a) to continue with no possibility of further "F" grades. Any further "F" grades will result in academic suspension for two years. (Following the two year suspension, the student may apply to the Faculty of Arts or Faculty of Science to return to start afresh.)

Or

(b) start afresh, with their previous work not counting towards satisfying degree requirements.

(In either case this does not mean that the previous coursework will be removed from the student history or transcript.)

2) Transiting Rules from University 1

University 1 students may transit to the Faculty of Arts or Science subject to the following conditions:

- *Students who have completed at least 24 credit hours may choose to transit to the Faculty of Arts or Science.*
- *Students who have completed 30 credit hours or more of courses **must** choose to transit to Arts or Science, if not admitted to another faculty or school, prior to the next regular term of registration.*
- *Students who have exceeded 36 credit hours of "F" grades are not admissible until a one-year suspension is completed. Students may contact their chosen faculty for further information and advice.*

3) Admission as a Transfer Student

Students who apply to transfer to the Faculty of Arts or the Faculty of Science must have completed no fewer than 24 credit hours of university level coursework and must have achieved a minimum grade point average of 2.00. Students who have completed 24 credit hours or more and who have not achieved at least a 2.00 grade point average may be considered for admission on the Recommendation of the Dean providing they have an adjusted grade point average of 2.00 on their best 24 credit hours of course work. Such students should contact their chosen faculty for information and advice. Students who have exceeded the maximum number of "F" grades permitted on courses acceptable for credit in Arts or Science will be considered for admission only if they have served the equivalent of a suspension term(s).

Students with fewer than 24 credit hours of university level course work will be directed to University 1.

4) Dean's Honour List or University 1 Honours List

To qualify for this list a student must have completed at least 12 credit hours offered by the University of Manitoba during a term and attain a minimum Term Grade Point Average of 3.75. The notation "Dean's Honour List" (Arts or Science) or University 1 Honour List will be included on the student's transcript specific to that term.

We would ask that the reports from the respective units be considered by the appropriate Senate Committees as soon as possible.



UNIVERSITY
OF MANITOBA

Faculty of Arts

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Telephone (204) 474-9100
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Email Arts-inquiry@ms.umanitoba.ca

DATE: March 14, 2012
TO: J. Taylor, Dean, Faculty of Arts
FROM: A. Osborne, Chair, Faculty of Arts Academic Regulations Policy Committee
SUBJECT: Report of the Faculty of Arts Academic Regulations Policy Committee

Handwritten signature: J. Taylor for A. Osborne

PREAMBLE

The terms of reference of the above Committee stipulate that it shall recommend to Faculty Council, through the Arts Executive Committee, with respect to undergraduate regulations relating to admission, General, Advanced and Honours degree programs, examinations, grading system, required performance levels and all requirements for receiving degrees. At its meeting of February 15, 2012, the Committee discussed the following matters.

1. Proposal to Harmonize Four Specific Regulations between Arts, Science and U1

BACKGROUND:

Over the past year or so, in part prompted by Associate Vice-Provost Gottheil, administrators in the Faculty of Arts, Faculty of Science and University 1 have been reviewing degree regulations governing academic assessment and the Dean's Honour List as well as the conditions and regulations governing the transiting process from University 1 to the Faculty of Arts or the Faculty of Science. The aim was to harmonize regulations so that movement from University 1 to either Arts or Science or subsequently from Arts to Science or Science to Arts could be completed very easily and so that, for the most part, students could expect the same regulations and procedures regardless of the faculty.

As a result of those discussions, changes to the following regulations were suggested.

1. Academic Standing Rules

OBSERVATIONS:

Prior to the autumn of 2006, when AURORA Student was implemented, the Faculty of Arts (Arts), the Faculty of Science (Science) and University 1 (U1) utilized the same method for academic assessment. Students were first assessed upon completion of 24 credit hours of course work and then at the end of every session thereafter according to a minimum performance table. Students were expected to achieve a 'C' average on fifty percent of their courses to remain in good academic standing, and could not accumulate more than 48 credit hours of failed and, or repeated courses i.e., additional attempts.

Students who transited to Arts or Science were assessed in accordance with the minimum performance table and were transited in good standing or on probation.

With the introduction of Aurora Student, Arts, Science, and U1 each developed different methods for academic assessment, based on their specific needs and the capabilities of existing technology. At that time, Senate mandated that the minimum admission requirement for most faculties would be a 2.00 cumulative GPA. As a result, University 1 changed its academic assessment criteria to require students to have a 2.0 cumulative GPA at each point of assessment or else they would be placed on probation and ultimately suspension. For example, a U1 student with 24 credit hours of 'C' grades and 6 credit hours of 'D' grades would be on probation in University 1 but in good standing in Arts or Science. Such students would not be eligible to transit to Arts or Science because their cumulative GPA is below 2.00 even though Arts or Science would be prepared to admit them on the basis of an adjusted average i. e., a 2.00 GPA on the best 24 credit hours, provided that they had not exceeded the limit on 'F' and 'D' grades allowed by Arts and Science.

The different academic assessment criteria for Arts, Science and University 1, the new Senate-approved admission requirements and the limited transiting functionality caused problems for students and administrators. The U1 academic assessment regulations result in students being required to perform at a higher academic level than that which is required for admission to Arts or Science. As a result, many students in U1 are either suspended without the benefit of admission to Arts and Science, or stay in U1 much longer than was intended for that program.

The required minimum entrance standard of a 2.00 CGPA for transiting to Arts or Science and the inability of the transiting functionality to assess students for admission on the basis of Arts or Science adjusted GPA has resulted in a large number of students (approximately 600 per year) being unable to progress beyond U1 into a degree-granting faculty.

When University 1 was introduced, it was generally understood that for the purpose of entry to either Arts or Science, a University 1 student was “deemed” to have already been in either Arts or Science so that at the point of entry to Arts or Science the same academic assessment criteria would be applied. It is therefore necessary that Arts, Science and U1 have the same academic assessment criteria to facilitate the movement from University 1 into Arts or Science and subsequently Arts to Science or Science to Arts. In addition, with the recent move to admit students directly from high school into Arts or Science, it is important to have the same academic assessment criteria to ensure that students entering Arts or Science from U1 are not disadvantaged.

Current Practice in the Faculty of Arts

With the 2006 implementation of AURORA Student, both Arts and Science adopted a quantitative method of academic assessment. The main difference between Arts and Science assessment criteria is that Arts limits the number of 'F' and 'D' grades that a student can accumulate and Science limits the number of 'F' grades only. Specifically, Science limits students to a maximum 36 hours of 'F' grades and Arts limits students to a maximum 30 credit hours of 'F' grades or 42 credit hours of a combination of 'F' and 'D' grades. Initially, Arts believed that we should limit the number of 'D' grades as well as 'F' grades because

both are considered poor. It was also thought that a student who continues to accumulate 'D' grades is in jeopardy of not achieving the 2.00, or 'C', average required for graduation. Students who exceed the limit of poor grades permitted in their faculties are placed on academic suspension.

Arts has now had five years of experience applying academic assessment criteria that limit 'F' and 'D' grades. A review of Arts academic assessment criteria reveals that many students who were placed on academic suspension because of 'D' grades were able to compensate for those poor grades. We examined the records of the 102 students who were suspended in 2009 and 2010. Of the 102 students, 52 were placed on suspension because they exceeded the limit of 30 credit hours of 'F' grades and 50 were placed on academic suspension because they exceeded the 42 credit hours of combined 'F' and 'D' grades. However, 37 of these 50 students had a degree GPA of greater than 2.00. This indicates that many students who obtain a 'D' grade eventually compensate for it and attain a high enough average to graduate. Since 'D' grades are passing grades they are not in the same category as 'F' grades. The number of students who continually perform at a 'D' level is very low and rather than place these students on academic suspension, other processes can be used to advise these students in order to ensure their success.

Proposed Changes in the Faculty of Arts

As a result of this review, Arts is recommending the adoption of Science's academic assessment criteria and recommends limiting the number of 'F' grades only in an Arts degree. A student would no longer be placed on academic suspension for 'D' grades. A student who accumulates 'D' grades and has a GPA = or < 1.75 will be carefully monitored and identified for intrusive advising. See Administrative Notes below.

The Faculty of Science will adopt the Faculty of Arts' criteria with respect to term of suspension and conditions for reinstatement. University 1 will adopt the proposed Arts Academic Standing Rules.

RECOMMENDATIONS:

It was unanimously RECOMMENDED that the current Academic Calendar entry governing academic assessment criteria i.e., Maximum Number of 'F' and 'D' Grades Permitted be revised as follows:
[Additions noted in bold print; strikeouts indicate deletions.]

5.10 Maximum Number of "F" ~~and "D"~~ Grades Permitted on Courses Acceptable for Credit in Arts

Each student in the Faculty of Arts will be placed on academic suspension for one year regardless if there has been evidence of improved performance if they have:

more than ~~30~~ 36 credit hours of "F" grades, ~~or~~

more than ~~42~~ credit hours of a combination of "F" and "D" grades.

Following the one year suspension, the student may return upon application to the Faculty of Arts General Office by selecting one of the following irreversible options:

(a) to continue with no possibility of further “F” or “D” grades. Any further “F” or “D” grades will result in academic suspension for two years. (Following the two year suspension, the student may apply to the Faculty of Arts General Office to return to start afresh.)

Or

(b) start afresh, with their previous work not counting towards satisfying degree requirements.

(In either case this does not mean that the previous coursework will be removed from the student history or transcript.)

Administrative Notes:

- There will only be two formal assessment categories: Minimum Met (MM) and Academic Suspension.
- Students will be assessed as MM if they have accumulated fewer than 36 credit hours of ‘F’ grades.
- Categories of students who risk exceeding the limit of ‘F’ grades will be identified. Similarly, students who continue to perform marginally i.e., have a GPA of = or < 1.75 will also be identified for intrusive advising. Additionally, students who are nearing completion of half of their degree (48 credit hours or more) with a DGPA of <2.00 will be identified and advised.
- Students identified in any of the warning categories will receive intrusive advising to assist with improving their academic standing. See Appendix 1 for details.

2. Transiting Rules from University 1

OBSERVATIONS:

When University 1 was introduced, it was generally understood that for purposes of entry to either Arts or Science, a University 1 student was “deemed” already to have been in either Arts or Science so that at the point of entry to Arts or Science the same academic assessment criteria would be applied. Prior to the autumn of 2006, University 1 students who had completed 24 or 27 credit hours of course work could remain in University 1, apply for admission to another faculty or school, or transit to the Faculty of Arts or Science. Students who had completed fewer than 24 credit hours of course work were required to remain in University 1. Students were required to leave University 1 at 30 credit hours; those required to leave would apply for admission to another faculty or school or transit to the Faculty of Arts or Science. Students who transited to Arts or Science were transferred in good standing or on probation. It is therefore necessary that Arts, Science and U1 have the same academic assessment criteria to facilitate the movement from University 1 into Arts or Science and subsequently Arts to Science or Science to Arts.

Currently, many students are remaining in University 1 beyond 30 credit hours and no longer have the same needs as first year students. They require detailed degree program advice that is best provided by their chosen faculty or school.

It was the consensus of Arts, Science and U1 that the original intention of U1 be supported through the harmonization of academic assessment procedures and revised transiting protocols to ensure:

- a) progression of students from University 1 to a degree-granting faculty,
- b) equitable entrance and academic assessment standards for U1 and direct-entry students,
- c) the development of an academic advising strategy that focuses on early intervention and academic support for students performing below a specific standard.

The Faculty of Science and University 1 will adopt the same policy.

RECOMMENDATIONS:

It was unanimously RECOMMENDED that the current

The Academic Calendar entry governing Admission (Transit from University 1) be revised as follows: [Additions noted in bold print; strikeouts indicate deletions.]

2.1 Admission from University 1

University 1 students ~~in good standing (2.00 cumulative grade point average)~~ may transit to the Faculty of Arts or Science subject to the following conditions:

- *Students ~~in good standing~~ who have completed at least 24 credit hours may choose to transit to the Faculty of Arts or Science.*
- *Students ~~in good standing~~ who have completed 30 credit hours or more of courses must choose to transit to Arts or Science, if not admitted to another faculty or school, prior to the next regular term of registration.*
- *~~Students who have completed 24 credit hours or more and who have not achieved a minimum cumulative grade point average of 2.00 may be eligible for special consideration and therefore should contact the Faculty of Arts for further information on transitting upon "Recommendation of the Dean."~~*
- *Students who have exceeded ~~30~~ **36** credit hours of "F" grades or have more than a combined ~~42~~ credit hours of "F" and "D" grades are not admissible **until a period of suspension is completed**. Students may contact the Faculty of Arts for further information and advice.*

3. Admission as a Transfer Student

If the proposal to modify Academic Standing Rules (Item 1 above) is accepted, then all students who go from University 1 to Arts would have the revised academic standing rules applied with respect to the number of 'F' grades permitted. For consistency, the same limit of 'F' grades should apply to transfer applicants (internal and external) who have equal to or greater than 24 credit hours of course work. In addition, the past practice of the Dean's Office has been to admit students on the basis of an adjusted GPA if they do not meet the University GPA of 2.00. This should be codified in the policy.

The Faculty of Science will adopt the same policy.

RECOMMENDATIONS:

It was unanimously RECOMMENDED that the current Academic Calendar entry for Admission as a Transfer Student be revised as follows: [Additions noted in bold print; strikeouts indicate deletions.]

2.2 Admission as a Transfer Student

Students transferring to the Faculty of Arts from another faculty or school at the University of Manitoba are called "internal transfers." Students transferring to the Faculty of Arts from another university or college are called "external transfers."

Transfer students must apply for admission to the Faculty of Arts at the Admissions Office or on-line at www.umanitoba.ca/applynow by the application deadline date.

For the University of Manitoba's general policy on external transfer students and advanced standing, see the chapter on Admission to the University of Manitoba in this Calendar.

*Students who apply to transfer to the Faculty of Arts must have completed no fewer than 24 credit hours of university level coursework and must have achieved a minimum grade point average of 2.00. Students who have completed 24 credit hours or more and who have not achieved at least a 2.00 grade point average may be **considered for admission on the Recommendation of the Dean providing they have an adjusted grade point average of 2.00 on their best 24 credit hours of course work.** Such students ~~for special consideration and~~ should contact the Faculty of Arts for information and advice. Students who have exceeded the maximum number of "F" ~~and "D"~~ grades permitted on courses acceptable for credit in Arts (see Section 5.10) will be considered for admission only if they have served the equivalent of a ~~one year~~ **suspension term(s).***

Anyone who has been placed on academic suspension by another faculty, school, or external institution will not normally be admissible if less than one year has elapsed since he/she had been placed on suspension. The waiting period will be increased to two years if the student has been placed on suspension more than once in consecutive years. For information regarding transfer credit see Sections 5.2.1 and 5.2.2.

4. Dean's Honour List

OBSERVATIONS:

Currently Arts, Science and University 1 have different criteria for determining Dean's Honour List eligibility. The current Dean's Honour List (Honour Roll for U1) criteria for Arts, Science and U1 are as follows:

Arts: 3.55 term GPA on a minimum of 9 credit hours
 Science: 3.80 term GPA on a minimum of 12 credit hours
 U1: 3.50 term GPA on a minimum of 12 credit hours

Since a significant number of students in U1 enter Arts or Science it would be logical to expect the same eligibility criteria for the Dean's Honour List in U1, Arts and Science. Similarly, direct entry students to Arts or Science expect the same eligibility criteria for the Dean's Honour list that is applied to U1 students

The Faculty of Arts' current criteria for inclusion on the Dean's Honour List require a student to be registered in 9 credit hours per term and to attain a minimum GPA of 3.55. In May 2011, 953 Arts students were named to the Dean's Honour List. Given that Arts enrolment is approximately 3,500 students, 27% of Arts students received this distinction. If the proposed Dean's Honour List criteria (a term GPA of 3.75 on a minimum of 12 credit hours) were applied to the same group of students, approximately 400 of them would no longer be eligible for this recognition.

To be eligible for the Dean's Honour List, it is proposed that students must attend university full-time, as is required for any other award based on scholarship (80% of normal load or a minimum of 12 credit hours per term). It is also proposed that the required GPA should be at a level that recognizes outstanding academic performance.

The Faculty of Science and University 1 will adopt the same policy.

RECOMMENDATION:

It was unanimously RECOMMENDED that the current Academic Calendar entry for Dean's Honour List be revised as follows: [Additions noted in bold print; strikeouts indicate deletions.]

5.11 Dean's Honour List

*To qualify for this list a student must be registered in one of the four degree programs offered by the Faculty of Arts and complete at least ~~9~~ **12** credit hours offered by the University of Manitoba during a term and attain a minimum Term Grade Point Average of ~~3.55~~ **3.75**. The notation "Dean's Honour List" will be included on the student's transcript specific to that term.*

Appendix 1: Risk Categories and Suggested Advising Interventions at each Assessment

Risk Category Criteria	Advising Intervention
Warning: 9-15 credit hours completed = or <1.75 CGPA	Letter of assessment standing to include; - Invitation for Advisor Meeting - Self Assessment Tool and Resource List - Required Attendance at Advising Workshop (Advisors Hold placed on student account) e.g. focus on early warning topics: assessment policies, degree completion planning, life balance, resources and action plans
Warning: 18-30 credit hours completed = or <1.75 CGPA and/or = or > 18 credit hours of F grades & = or >1.75 CGPA and/or = or > 18 credit hours of F grades	Letter of assessment standing to include; - Indication F count total towards max. of 36 credit hours - Required Attendance at Formula for Success Workshop (Advisors Hold placed on student account) e.g. focus on self-assessment and evaluation, attributional retraining, skill building and study habits
Warning: >30 credit hours completed = or <1.75 CGPA and/or = or > 18 credit hours of F grades = or >1.75 CGPA and/or = or > 18 credit hours of F grades	Letter of assessment standing to include; - Indication F count total towards max. of 36 credit hours - Advisor hold to require advisor meeting - Resource List and Self-Assessment Tool
Graduation Warning: > 48 credit hours completed < 2.00 DGPA and no F grades	Letter of warning regarding requirement of a 2.00 DGPA for graduation

Invitation for Advisor Meeting:

An invitation for an advisor meeting will be issued to students to encourage a one-to-one meeting with an Academic Advisor early in the current term. This meeting would focus on the degree and course load planning, the use of the campus resources available and to determine if any other resources or support services would be of assistance.

Self-Assessment Questionnaire:

The self-assessment tool is designed to assist students to self-identify areas in which they are facing challenges by indicating specific factors or behaviours that may be contributing to their challenges and the on-campus resources available to assist them. The self assessment tool is comprised of questions focusing on areas of time management, study skills and habits, employment, values and goals, anxiety and motivation, and issues of a personal nature. Students will be encouraged to complete the self-assessment questionnaire prior to meeting with an Academic Advisor and to bring along their responses for reflection and discussion at their meeting.

Advising and Formula for Success Workshop:

The workshops are designed to help students develop a successful strategy for success during and after their first year. . Led by U1 Academic Advisors, the workshops show students new ways of planning their studies and approaching their coursework. Students on Early Warning and Warning will receive a registration hold on their account to prevent further registration until they have attended these workshops.

Students assessed as Early Warning will be required to attend the Advising Workshop which will focus on early warning topics such as assessment policies, degree completion planning, life balance, identifying and using resources and creating and following action plans.

Students assessed as Warning will be required to attend the Formula for Success Workshop. This workshop addresses the major obstacles some students face during their first year which can lead to persistent academic difficulties and the resources and skills necessary to overcome them as well as influencing students to participate in self-evaluation and attributional retraining techniques

Resource List:

The Resource List is a reminder of the resources available on campus, similar to the list sent out in the self-assessment tool. This list will be included with the invitation to the Midterm Check Session.

SCIENCE/ARTS/U1 HARMONIZATION

Summary of proposed changes 2012 – 2013 Presented to Science Faculty Council May 31, 2012

Transit into Arts or Science from U1:

Current:

- min 24 hours completed at time of transit
- min cgpa 2.00 on all courses
- min 2.00 gpa on best 24 hours, on recommendation of Dean
- no enforcement of transit at 30 hours

Proposed:

- min 24 hours completed or in progress at time of transit
- no gpa requirement
- enforcement of transit at or above 30 hours
- if student completes more than 36 hours of F while in U1, suspension for one year
 - after suspension, return to Arts or Science

Transfers into Arts or Science:

Proposed:

- min 24 hours completed (no change)
- min 2.00 gpa on best 24 hours (no change)
- if > 36 hours F, admissible after one year suspension/absence
 - (Science may permit admission as Start Afresh and may permit transfer credit from work previously completed with C or better, up to 30 credit hours)

Assessment in U1, Arts and Science:

Proposed:

- Minimum Met
 - for all students

- intrusive advising, as outlined, as Fs are accumulated, and/or on basis of low gpa
- if > 36 hours F
 - academic suspension for one year
 - on return, student has option
 - if in U1, must arrange to move to Arts or Science
 - to start afresh*, or
 - resume (or start) degree
 - in good standing unless another F earned
 - then suspension for two years and start afresh*
- (* Arts does not permit any credit from work previously completed. Science wishes to retain transfer of up to 30 credit hours of work previously completed with C or better)

Dean's Honour List:

Proposed:

- min 3.75 term gpa
- min 12 credit hours per term
- external courses (i.e. courses taken on a Letter of Permission) will be included

First Class Honours/With Distinction:

No change proposed at this time

Report of the Senate Committee on Instruction and Evaluation RE: Revised Regulations for the Faculty of Arts, the Faculty of Science and University 1

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. The Committee met on September 20, 2012 to consider a proposal from the Faculties of Arts and Science and University 1 to revise, and to harmonize, regulations concerning: (a) academic standing rules, (b) transiting rules from University 1, and (c) Dean's Honour List and University 1 Honour List.
3. The Senate Committee on Admissions has provided a separate report to Senate (dated November 1, 2012) regarding its consideration of proposed changes to admission requirements for transfer students seeking admission to the Faculty of Arts or the Faculty of Science, as outlined in section 3 of the attached proposal.

Observations:

1. (i) The Committee considered a proposal to revise the academic standing rules for the Faculties of Arts and Science and University 1. At present, the various units have different academic assessment regulations, as follows:

Current Academic Assessment Regulations

Unit	Required GPA	Maximum F Grades	Maximum D + F Grades
Faculty of Arts	2.00 AGPA	30 ch	42 ch
Faculty of Science	2.00 AGPA	36 ch	n/a
University 1	2.00 CGPA	n/a	n/a

Students in the Faculties of Arts and Science who fail to meet the minimum requirements set out above are placed on academic suspension for one year. University 1 students are initially placed on probation but are placed on suspension if they do not achieve a minimum term GPA of 2.00 by the next academic assessment.

- (ii) The disparate academic assessment regulations and current regulations concerning admission from University 1 (see observation 2) prevent or delay some students' transition from University 1 to the Faculty of Arts or Science. For example, a University 1 student who has not achieved a CGPA of at least 2.00 cannot transit to Arts or Science, even where the student would meet the minimum AGPA required by these Faculties. Also, the different regulations sometimes hinder students' ability to transfer between the Faculties of Arts and Science.

- (iii) Standardized academic standing rules for the three units would facilitate these transitions and provide equitable academic assessments for students across the units. The revised academic standing rules for all three units would:
- provide for assessments at the end of each term;
 - define two assessment categories:
 - (a) Minimum Met, where a student has fewer than 36 credit hours of “F” grades and
 - b) Academic Suspension, where a student who accumulates more than 36 credit hours of “F” grades would be placed on suspension for one year;
 - set out a process by which students could, at the end of their suspension, apply to return to either the Faculty of Arts or Science with the option of (a) continuing with no possibility of further “F” grades or (b) starting afresh, as detailed in the proposal;
 - set out a process for identifying students experiencing academic difficulty so the faculty can intervene to provide academic supports.
2. (i) The Committee considered a proposal to revise the rules for transiting from University 1 to the Faculties of Arts and Science. Current requirements for admission from University 1 require that a student has completed at least 24 credit hours and is in good standing, with a CGPA of at least 2.0. As noted in observation 1 (ii), the transiting rules together with the various academic assessment regulations for the Faculties of Arts and Science and University 1 prevent some students from transiting out of University 1.
- (ii) Revised transiting rules, which would no longer require a minimum CGPA of 2.0, together with proposed changes to the academic assessment regulations described above, would ensure that students who have completed at least 24 credit hours could transit from University 1 to a degree program in the Faculty of Arts or the Faculty of Science. University 1 students who had completed 30 or more credit hours and who had not been admitted to another faculty or school would be required to transit to the Faculty of Arts or the Faculty of Science. Students who had 36 or more credit hours of “F” grades would be required to complete a one-year suspension before transiting to Arts of Science.
3. The Committee considered a proposal to standardize the requirements for the Dean’s Honour List, for the Faculties of Arts and Science, and the University 1 Honour List. At present, the various units have different requirements, as follows:

Current Requirements for Dean’s Honour List/University 1 Honour List

Unit	Required Term GPA	Credit Hours Assessed
Faculty of Arts	3.55	9
Faculty of Science	3.80	12
University 1	3.50	12

Under the revised requirements, students in the Faculties of Arts and Science and University 1 would qualify for the Dean’s Honour List/University 1 Honour List if they achieved a minimum term GPA of 3.75 based on a minimum of 12 credit hours

completed at the University during the term. The change would meet students' expectations for equivalent assessment standards across these units.

Recommendations:

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve amendments to the academic regulations of the Faculty of Arts, the Faculty of Science, and University 1, concerning academic standing and academic suspension, effective September 1, 2013; and

THAT Senate approve amendments to the rules for transiting from University 1 to the Faculties of Arts and Science, effective September 1, 2013; and

THAT Senate approve amendments to academic regulations of the Faculty of Arts, the Faculty of Science, and University 1 concerning the Dean's Honour List and the University 1 Honour List, effective September 1, 2013.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

Report of the Senate Committee on Admissions concerning a proposal from the Faculty of Arts, Faculty of Science and University 1 to revise and harmonize specific regulations (2012.11.01)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.

2. The Faculties of Arts and Science and University 1 are proposing a revision and harmonization to regulations concerning: a) academic standing rules, (b) transiting rules from University 1, (c) admission as a transfer student (Arts and Science only) and (d) Dean's Honour List and University 1 Honour List. The Senate Committee on Admissions was asked to consider the proposed changes to admission requirements for transfer students seeking admission to the Faculty of Arts or the Faculty of Science, as outlined in section 3 of the attached proposal.

3. This proposal was approved at the Faculty of Science Council on May 31st, 2012, by the Faculty of Arts Council on April 10th 2012 and by the University 1 Advisory Committee on March 27th, 2012. The proposal was then approved by SCADM on November 1st, 2012.

4. The Senate Committee on Instruction and Evaluation has provided a separate report to Senate regarding its consideration of proposed changes to academic standing rules, transiting rules from University 1 and Dean's and University 1 Honour Lists.

Observations:

1. Assuming the proposal to modify the academic standing rules is accepted then all students who transit from University 1 to the Faculty of Arts or Science would have the revised academic standing rules applied with respect to the number of 'F' grades permitted. For consistency, the same limit of 'F' grades should apply to transfer applicants (internal and external) who have equal to or greater than the 24 credit hours of course work.

2. Past practice has been to admit students on the basis of an adjusted GPA if they do not meet the university GPA of 2.00, this practice needed to be codified in the policy.

Recommendation:

The Senate Committee on Admissions recommends that Senate approve amendments to admission requirements for transfer students seeking admission to the Faculty of Arts or the Faculty of Science, as outlined in section 3 of the attached proposal.

Respectfully submitted,
Susan Gottheil, Chair, Senate Committee on Admissions

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

Report of the Senate Committee on Instruction and Evaluation RE: Amendments to the Academic Regulations, Université de Saint-Boniface

Preamble:

1. The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm
2. The Committee met on May 24 and September 20, 2012 to consider proposed amendments to a number of academic regulations of the Faculties of Arts, Education, and Science, and of University 1 at the Université de Saint-Boniface.

Observations:

1. The Committee considered a proposal from the Université de Saint-Boniface to amend the passing grade for courses in the baccalauréat en education from "D" to "C," effective September 1, 2012. The Committee observed that the proposal is consistent with current academic regulations for the Bachelor of Education degree at the University of Manitoba, as approved by Senate in April 7, 2010. (See item 1, Attachment I.)
2. (i) The Committee considered a proposal from the Université to revise the academic assessment regulations of the faculté des arts and the faculté des sciences concerning academic suspension. It is proposed that a student who obtains more than 36 credit hours of "F" grades will be placed on academic suspension for one year. (See item 6, Attachment I) Following the one-year suspension the student may either:
 - (a) continue his/her studies in the faculté des arts or the faculté des sciences, with the proviso that, any further "F" grade will result in a suspension of two years at the conclusion of which a student may reapply for admission to the faculté des arts or the faculté des sciences to begin his/her degree over with no courses credited; or
 - (b) begin the degree over with no courses credited.
- (ii) The proposal is consistent with similar proposals from the Faculties of Arts and Science at the University of Manitoba, which were endorsed by SCIE at its meeting of September 20, 2012.
3. The Committee considered regulations that set out the conditions under which a student is either eligible, ineligible, or required to transfer from Université 1 to the faculté des arts or the faculté des sciences, as follows (See item 7, Attachment 1):
 - (a) a student who has completed a minimum of 24 credit hours in Université 1 is eligible to transfer to the faculté des arts or the faculté des sciences;
 - (b) a student who has completed 30 or more credit hours in Université 1 must transfer to the faculté des arts or the faculté des sciences if he or she has not elected to transfer to another faculty or school; and

- (c) a student has accumulated 36 or more credit hours of “F” grades is ineligible for registration in the faculté des arts or the faculté des sciences for the period that he or she is on academic suspension, as set out above.
4. (i) The Committee considered a proposal from the Université to modify the requirements for the Dean’s Honour List in the faculté des arts, the faculté des sciences, and université 1. Students who complete at least 12 credit hours in one semester with a grade point average of at least 3.75 would be eligible for the Dean’s Honour List. (See item 8, Attachment I).
- (ii) The proposal is consistent with similar proposals from the Faculties of Arts and Science and University 1 at the University of Manitoba, which were endorsed by SCIE at its meeting of September 20, 2012 and are intended to harmonize the standards for this academic assessment across the three academic units.

Recommendations

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve amendments to the academic regulations of the Faculté d’éducation at the Université de Saint-Boniface concerning the passing grade for courses in the baccalauréat en education, effective September 1, 2012; and

THAT Senate approve amendments to the academic regulations of the faculté des arts and the faculté des sciences at the Université de Saint-Boniface concerning academic suspension, effective September 1, 2013; and

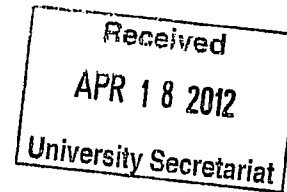
THAT Senate approve regulations for transferring from Université 1 to the faculté des arts and the faculté des sciences at the Université de Saint-Boniface, effective September 1, 2013; and

THAT Senate approve amendments to the academic regulations of the faculté des arts, the faculté des sciences, and université 1 at the Université de Saint-Boniface concerning the Dean’s Honour List, effective September 1, 2013.

Respectfully submitted,

Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.



April 16, 2012

Mr. Jeff Leclerc, University Secretary
Office of the University Secretary
312 Administration Building
University of Manitoba
Winnipeg MB R3T 2N2

Dear Mr. Leclerc,

Attached please find a series of motions recently adopted by our Conseil de direction des études (CDE) for information purposes, or as warranted, for consideration by the University of Manitoba Senate. Each motion is explained by way of an appendix.

1. **CDE0112-9**

Que le CDE adopte la proposition que la définition de note de passage dans tous les cours au baccalauréat en éducation change d'un D à un C telle que soumise par la Faculté d'éducation et des études professionnelles pour mise en vigueur en septembre 2012 sous réserve de l'approbation de l'Université du Manitoba. (Appendix « A »)

2. **CDE012-10**

Que le CDE adopte la proposition que la moyenne cumulative nécessaire pour l'admission à la Faculté d'éducation passe de 2,00 à 2,50 telle que soumise par la Faculté d'éducation et des études professionnelles pour mise en vigueur en septembre 2012 sous réserve de l'approbation de l'Université du Manitoba. (Appendix « B »)

3. **CDE0112-5**

Que le CDE accepte qu'à partir de l'année 2012-2013, les étudiantes et les étudiants puissent soumettre une demande d'admission directement à la Faculté des arts de l'Université de Saint-Boniface s'ils remplissent les critères suivants :

- a) Diplôme d'études secondaires du Manitoba (ou l'équivalent), comprenant 5 crédits complets de 12e année, dans des cours portant la désignation S (Spécialisé), G (Général) ou U (Crédit double – Université);
- b) Moyenne minimale de 85% dans trois cours de 12e année désignés S ou U (ou l'équivalent) dont un cours 40S ou 40U de français;
- c) Une note minimale de 60 % dans chacun des trois cours considérés pour l'admission directe. (Appendix « C »)

4. **CDE0112-6**

Que le CDE accepte qu'à partir de l'année 2012-2013, les étudiantes et les étudiants puissent soumettre une demande d'admission directement à la Faculté des sciences de l'Université de Saint-Boniface s'ils remplissent les critères suivants :

- a) Diplôme d'études secondaires du Manitoba (ou l'équivalent), comprenant 5 crédits complets de 12e année, dans des cours portant la désignation S (Spécialisé), G (Général) ou U (Crédit double – Université);

- b) Moyenne minimale de 85% dans trois cours de 12^e année désignés S ou U (ou l'équivalent) dont :
 - un cours 40S ou 40U de Français;
 - un cours 40S ou 40U de Précalcul (recommandé) ou de Mathématiques appliquées;
 - un cours 40S ou 40U parmi les suivants : Biologie, Chimie, Informatique ou Physique;
- c) Une note minimale de 60% dans chacun des trois cours considérés pour l'admission directe. (Appendix « D »)

5. **CDE0212-3**

Que le CDE accepte qu'à partir de l'année 2012-2013, les étudiantes ou les étudiants puissent soumettre une demande d'admission directement à l'École d'administration des affaires de l'Université de Saint-Boniface s'ils remplissent les critères suivants :

- a) Diplôme d'études secondaires du Manitoba (ou l'équivalent) comprenant 5 crédits complets de 12^e année dans des cours portant la désignation S (Spécialisé), G (Général) ou U (Crédit double – Université);
- b) Une moyenne minimale de 85 % pour l'ensemble de trois cours :
 - Précalcul 40S ou Mathématiques appliquées 40S (précalcul recommandé);
 - Un cours de 12^e année 40S ou 40U de français;
 - Un autre cours 40S ou U.
- c) Une note minimale de 60 % dans chacun des trois cours mentionnés au point b ci-dessus. (Appendix « E »)

6. **CDE0312-5**

Sous réserve de l'approbation par le Sénat de l'Université du Manitoba, qu'une suspension académique d'un (1) an soit imposée à toute étudiante ou tout étudiant de la Faculté des arts ou de la Faculté des sciences qui obtient 36 crédits de « F » *ou plus*, et qu'après un (1) an de suspension académique, l'étudiante ou l'étudiant peut a) poursuivre ses études dans sa faculté (arts ou sciences). Tout autre « F » se traduira par une suspension académique de deux (2) ans (après quoi, l'étudiante ou l'étudiant peut faire une nouvelle demande d'admission à la Faculté des arts ou à la Faculté des sciences et reprendre sa formation du début, c'est-à-dire, qu'aucun cours n'est crédité) ou b) reprendre sa formation du début, c'est-à-dire, qu'aucun cours n'est crédité, et ce, à partir de septembre 2013. (Appendix « ~~E~~ ») *plus de*

7. **CDE0312-6**

Sous réserve de l'approbation par le Sénat de l'Université du Manitoba, il est proposé que l'étudiante ou l'étudiant inscrit à Université 1 puisse transférer à la Faculté des arts ou à la Faculté des sciences s'il remplit les conditions suivantes : a) a complété au moins 24 crédits dans le programme Université 1; b) l'étudiante ou l'étudiant qui a complété 30 crédits ou plus dans le programme Université 1 doit transférer à la Faculté des arts ou à la Faculté des sciences s'il n'a pas choisi une autre faculté ou école, et ce, avant la période des inscriptions de la prochaine session; c) l'étudiante ou l'étudiant qui a accumulé 36 crédits ou plus de « F » n'est pas admissible à la Faculté des arts ou à la Faculté des sciences tant que la période de suspension académique n'a pas été écoulée. (Appendix « ~~F~~ ») *G*

8. **CDE0312-7**

Sous réserve de l'approbation par le Sénat de l'Université du Manitoba, il est proposé que l'étudiante ou l'étudiant inscrit à un des programmes d'études de la Faculté des arts, à un des programmes d'études de la Faculté des sciences ou à Université 1 verra son nom placé sur le « Palmarès du doyen » s'il a complété au moins 12 crédits pendant une session avec une moyenne pondérée (GPA) d'au moins 3,75. (Appendix « ~~E~~ »)

H

If further information is required, please do not hesitate to call me at your earliest convenience.



Stéphane Dorge
University Secretary

encl. (8)

Appendix "A"

The proposal to increase the passing grade from "D" to "C" in the Faculty of Education at Université de Saint-Boniface is consistent with changes approved by Senate in December 2010 regarding the University of Manitoba's Faculty of Education.

This change aligns with other faculties of Education in the country and is part of a number of changes in order to raise standards.

Appendix "B"

A proposal to increase the minimum grade point average (GP) required for admission to the B.Ed. programs in the Faculty of Education from 2.0 to 2.5 was passed by the Senate in May 2011.

This change in policy at the Université de Saint-Boniface will not only bring the GPA required for admission to the B.Ed. program in line with the GPA required for progression through the program but also with the GPA required by other professional faculties at the Université de Saint-Boniface such as the School of Social Work. Moreover, the change in policy will also reflect the admissions policies of many other faculties of Education across the country.

Appendix "C"

The "blended entry" proposal by the Université de Saint-Boniface's Faculty of Arts is in keeping with, and respects all of the conditions of blended entry as adopted by the University of Manitoba Senate in December 2010.

Appendix "D"

The "blended entry" proposal by the Université de Saint-Boniface's Faculty of Science is in keeping with, and respects all of the conditions of blended entry as adopted by the University of Manitoba Senate in December 2010.

Appendix "E"

The "blended entry" proposal by the Université de Saint-Boniface's School of Business Administration is in keeping with, and respects all of the conditions of blended entry as adopted by the University of Manitoba Senate in December 2010.

Appendix "F"

The proposal by the Université de Saint-Boniface reflects the policy adopted by the University of Manitoba Faculty of Arts Council.

Appendix "G"

The proposal by the Université de Saint-Boniface reflects the policy adopted by the University of Manitoba Faculty of Arts Council.

Appendix "H"

The proposal by the Université de Saint-Boniface reflects the policy adopted by the University of Manitoba Faculty of Arts Council.

FORMAL PROPOSAL FOR A
BACHELOR OF ARTS HONOURS PROGRAM
IN CRIMINOLOGY



UNIVERSITY
OF MANITOBA

Faculty of Arts

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the
report to Senate.

THE FORMAL PROGRAM PROPOSAL

22 May 2012

Institution Submitting the Formal Program Proposal: University of Manitoba

Title of Proposed Program: Single Honours Program in Criminology

Faculty/Department in which the Proposed Program will be located: Faculty of Arts,
Department of Sociology

Name of Person(s) responsible for the Program: Russell Smandych, Associate Head,
Department of Sociology

Credential to be Offered: Bachelor of Arts (Honours)

Date of Program Implementation: September 2013

President's/Rector's Signature

Date

Date Received by Council on Post-Secondary Education: _____

**Faculty of Arts
University of Manitoba**

Bachelor of Arts (Honours) in Criminology

SECTION I: Program Description

1.1 Describe the program as it would appear in a catalogue:

Criminology is concerned with the complex social phenomena of crime and criminalization. The criminology program engages students in a systematic study of the nature and extent of crime and criminalization along with the array of agencies and programs designed to prevent, control, and respond to criminal activity over time and place. Attention is given to specific issues related to gender, race, class and crime, youth and crime, violence and victimization, criminal law and procedure, policing and crime prevention, restorative justice, and global criminology. Courses in the criminology program are taught primarily from a sociological perspective, with emphasis placed on research, program development, and policy analysis.

For entry, continuation and graduation requirements for the General Degree, and Honours Degree, see Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs.

1.2 List of courses (including title, number, semester credit hours, and catalogue description)-that would constitute the requirements and other components of the proposed program.

Outline of program requirements, by year of the program:

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS SINGLE*			
SOC 1200 (6) OR SOC 1211 AND SOC 1221	SOC 2010 (3) SOC 2220 (3) SOC 2290 (6) SOC 2510 (3) SOC 2610 (3)	3 credit hours of criminology- related theory courses from: SOC 3310 (3) [crime theory], or SOC 3700 (3) [law theory]	SOC 4450 (6) [honours seminar] SOC 4570 (3) [quant. analysis]
plus 24 additional credit hours	12 credit hours in ancillary options	3 credit hours of criminology or sociology-related theory courses from: SOC 3310 (3) [crime theory] SOC 3330 (3) [origins] SOC 3350 (3) [feminist] SOC 3360 (3) [soc psych]	3 credit hours of research methods courses from: SOC 3820 (3) [qual. and historical methods] SOC 4580 (3) [social

		SOC 3380 (3) [politics] SOC 3390 (3) [contemp] SOC 3700 (3) [law theory] 12 credit hours of 3000-level criminology-related courses from the following*: SOC 3100 (6) [practicum] SOC 3310 (3) [crime theory] SOC 3400 (3) [policing] SOC 3700 (3) [law theory] SOC 3710 (3) [careers] SOC 3720 (3) [crim law] SOC 3740 (3) [sel. topics] SOC 3750 (3) [violence] SOC 3790 (3) [women] SOC 3830 (3) [youth] SOC 3850 (3) [restorative] SOC 3860 (3) [genocide] SOC 3880 (3) [global] 12 credit hours in ancillary options	research methods] 3 credit hours of advanced theory courses from: SOC 4460 (3) [soc theory] SOC 4560 (3) [soc theory] SOC 4490 (3) [NEW: advanced seminar in criminology] 12 credit hours in ancillary options
[30 hours total]	[30 hours total]	[30 hours total]	[30 hours total]

* Ancillary options are courses taken from outside the Honours field of study.

**These courses can include SOC 3100 or SOC 3700 if not already completed as a theory requirement.

Calendar descriptions of required and optional sociology and criminology courses:

SOC 1200 Introduction to Sociology Cr.Hrs.6 (Formerly 077.120) A systematic introduction to the scientific perspective of sociology. The following areas will be treated: culture, socialization, groups, social stratification, associations, collective behaviour, and urban and political institutions. Students may not hold credit for SOC 1200 (077.120) and any of: SOC 1211 (077.121) or SOC 1221 (077.122) or the former SOC 1201 (077.120).

SOC 2010 Critical Issues in Sociology Cr.Hrs.3 (Formerly 077.201) A form-specific, content variable course especially designed for Honours students. The intent of this course is to develop critical thinking and improve students' oral, writing and research skills. It is also designed to facilitate the creation of a cohesive cohort of Honours students through the use of group work and assignments. Prerequisite: written consent of department head.

SOC 2220 Sociological Theoretical Foundations Cr.Hrs.3 (Formerly 077.222) A review of classical sociological theory. The focus will be on the central figures and schools of thought in Sociology. Students may not hold credit for both Soc 2220 (077.222) and SOC 2221 (077.222). Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 2290 Introduction to Research Methods Cr.Hrs.6 (Formerly 077.229) An introduction to quantitative and qualitative scientific methods of investigating social phenomena. The course will include introductions to the assumptions of scientific inquiry, the conceptualization of research problems, basic statistical analysis, and use of a packaged computer program. Students may not hold credit for both SOC 2290 (077.229) and SOC 2291 (077.229). Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 2510 Criminology Cr.Hrs.3 (Formerly 077.251) A general introduction to the theories of deviant behaviour and criminology. The explanation of crime with reference to physical, psychological, and social factors. Students may not hold credit for both SOC 2510 (077.251) and SOC 2511 (077.251). Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 2610 Sociology of Criminal Justice and Corrections Cr.Hrs.3 (Formerly 077.261) The sociological study of the criminal justice system, including the police, the courts, prisons and other correctional agencies. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3100 Practicum in Criminological/Sociological Research Cr.Hrs.6 This course is designed to develop students' research skills and experience through placement in a criminal justice or other social service agency having a mandate relevant to the study of sociology. The course consists of supervised work within the agency and classroom instruction, culminating in the production of a research report. Enrollment is competitive and special advance permission is required to register. To be considered for admission, students must complete an application form (available from the Department of Sociology website) by the last day of April preceding the Fall term in which the student intends to take the course. Students may not hold credit for both SOC 3100 and the former SOC 3760 (077.376). Prerequisite: written consent of department head.

SOC 3310 Theorizing Crime, Law, and Social Justice Cr.Hrs.3 Through investigation of a variety of theoretical approaches, this course fosters an appreciation of the relevance of theorizing for addressing contemporary issues related to crime, law, and social justice. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3330 Origins of Sociological Thought Cr.Hrs.3 (Formerly 077.333) A systematic introduction to sociological thought from ancient philosophy to the middle of the 19th century. Emphasis is placed on social thought that is to become the foundations of sociological theory. Students may not hold credit for both SOC 3330 (077.333) and SOC 3331 (077.333). Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3350 Feminism and Sociological Theory Cr.Hrs.3 (Formerly 077.335) A critical examination of how gender has been addressed in classical and contemporary sociological theories, with consideration of how sociological inquiry is being transformed through feminist theory and practice. Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3360 Theories in Social Psychology Cr.Hrs.3 (Formerly 077.336) A review of the predominant theoretical perspectives currently utilized in social psychology in relation to contemporary sociological concerns. Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3380 Power, Politics and the Welfare State Cr.Hrs.3 A critical evaluation of sociological theory and research focusing on power and politics in society. Topics covered include: the dimensions of power (economic, political, ideological), classes and class conflict, political socialization, the origin and nature of the state, and the welfare state. Students may not hold credit for SOC 3380 and any of: SOC 3471 (077.347) or the former SOC 3470 (077.347). Prerequisite: [a grade of "C" or better in SOC 2220 (077.222) or SOC 2221 (077.222)] or written consent of department head.

SOC 3390 Contemporary Sociological Theory Cr.Hrs.3 (Formerly 077.339) A systematic comparison of contemporary sociological theories. Emphasis will be placed on the development of competing schools in modern sociology, highlighting the contributions of major theorists. Students may not hold credit for both SOC 3390 (077.339) and SOC 3391 (077.339). Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3400 Policing and Crime Prevention Cr.Hrs.3 This course has not yet received Senate approval. Please check the Aurora Catalog or Class Schedule after July 1st. The sociological study of the organization and operation of the police and the evidence-based prevention of crime. Topics include the history and role and functions of the police, police culture and socialization, strategies and tactics, police deviance and ethics, future policing trends, and methods of crime prevention. Students may not hold credit for both SOC 3400 and SOC 3740 (077.374) with topic "Policing and Crime Prevention." Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3700 Sociology of Law Cr.Hrs.3 (Formerly 077.370) The aim of this course is to gain an understanding of the law-society relationship. Different theoretical approaches will be used to investigate substantive issues that pertain to the role of law in (re)producing social inequalities and its potential for alleviating them. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3710 Sociology of Criminal Careers Cr.Hrs.3 (Formerly 077.371) An examination of patterns of criminal behaviour focusing on the sociological aspects of selected offences, the criminal career of the offender, and on societal reaction and legal processing. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3720 The Criminal Law and Its Procedure Cr.Hrs.3 (Formerly 077.372) An introduction to the criminal law and an overview of the system by which the criminal law is administered. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3740 Selected Topics in Criminology Cr.Hrs.3 (Formerly 077.374) The specific content of this course will vary, but in general it will consist of an examination of a specialized topics relevant to Criminology. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC

2511 (077.251)] or written consent of department head.

SOC 3750 Institutional Responses to Violence in Family and Intimate Relationships

Cr.Hrs.3 This course will focus on the growing public awareness of the prevalence of interpersonal violence in Canada, examining studies of prevalence from victimization surveys and criminal justice statistics. We examine various criminological and sociological theories of the causes, dynamics and interventions in family and interpersonal violence, legislation and policy and assess these changes from perspective of victims and accusers. Students may not hold credit for both SOC 3750 and SIX 3460 (077.346) when titled "Interpersonal Violence and Institutional Responses." Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3790 Women, Crime and Social Justice Cr.Hrs.3 (Formerly 077.379) The course examines gender differences in crime, theories of women's crime and the treatment of women offenders and victims by the criminal justice system. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3820 Qualitative and Historical Methods in Sociology Cr.Hrs.3 (Formerly 077.382) An introduction to a variety of data gathering techniques such as participant observation, interviewing, life histories, archival research, document analysis, and the use of case studies. Emphasis will be placed on the use of inductive/deductive procedures in the transformation of raw data into theoretical interpretations. Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3830 Youth, Crime, and Society Cr.Hrs.3 (Formerly 077.383) An analysis of issues surrounding the treatment of children and youth in the Canadian criminal justice system. Topics include: historical changes in the role of children and youth; young offender legislation; young offenders and media; and current research on youth crime and its prevention in Canada and other countries. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3850 Restorative Justice Cr.Hrs.3 (Formerly 077.385) A general introduction to the social theory and practice of restorative justice. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3860 Genocide, Crime and Society Cr.Hrs.3 A critical sociological and criminological examination of comparative genocide studies. Emphasis is placed on the utility of sociological and criminological theoretical frameworks for understanding and explaining genocide, as well as the conceptual and moral failings of criminology and sociology in the face of genocide. Students may not hold credit for both SOC 3860 and SOC 3740 (077.374) when titled "Genocide." Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or the former SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3880 Global Criminology and Criminal Justice Cr.Hrs.3 This course examines current developments and issues in the field of global criminology and criminal justice. Topics include: crime and globalization; transnational policing and security; world criminal justice systems; global criminal justice policy transfer; and international criminal justice. Students may not hold credit for both SOC 3880 and the former SOC 3780 (077.378). Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head. SOC 2610 (077.261) is strongly recommended.

SOC 4450 Honours Seminar Cr.Hrs.6 (Formerly 077.445) An intensive discussion of selected sociological problems, culminating in a major Honours thesis. Prerequisite: written consent of department head.

SOC 4460 Advanced Sociological Theory Cr.Hrs.3 (Formerly 077.446) A critical examination and analysis of sociological theories. Prerequisite: written consent of department head.

SOC 4490 [PROPOSED NEW COURSE WITH CALENDAR DESCRIPTION] Advanced Seminar in Criminology Cr.Hrs.3 A critical examination of the field of criminology and the work of criminologists in shaping modern sensibilities about crime, law, and social justice. Topics include the origins of modern criminology, the development of competing knowledge frameworks in criminology (including the impact of feminist, postmodern, and post-colonial criminologies), and trajectories of 21st century criminology (including scientific, global, and public criminology). Prerequisite: written consent of department head.

SOC 4560 Advanced Sociological Theory Cr.Hrs.3 (Formerly 077.456) A critical examination and analysis of selected sociological theories. Course content may vary from year to year depending upon the instructor's interest. Prerequisite: written consent of department head.

SOC 4570 Quantitative Social Analysis Cr.Hrs.3 The application of quantitative data analysis in the social sciences, including the following procedures: multiple regression, dummy variable regression, simple analysis of variance and covariance, and an introduction to path analysis. Students may not hold credit for both SOC 4570 and former SOC 4480 (077.448). Prerequisite: written consent of department head.

SOC 4580 Social Research Methods Cr.Hrs.3 An introduction to the philosophy of science and logic of scientific method, as well as a survey of research methods and issues. Students are expected to gain a working knowledge of the research process. Students may not hold credit for both SOC 4580 and the former SOC 4470 (077.447). Prerequisite: written consent of department head.

1.3 Program educational objectives and learning outcomes:

Currently the Department of Sociology offers a three-year (90 credit hour) BA General degree in criminology, in which students are required to complete two foundational sociology courses (Introductory Sociology and Social Research Methods), along with 18 credit hours of 2000 and 3000-level criminology courses that are taught through the Department of Sociology. Historically, there have been far more criminology majors than sociology majors. (For example, as of October 2011, there were 126 criminology majors and 80 sociology majors).

Currently students interested in doing more advanced studies in criminology at the University of Manitoba have limited options available to do this. Specifically, they can either enroll in our 4-year Sociology Honours Program, which provides students with only a minimal amount of additional training specifically in criminology, or they can graduate with their 3-year degree in criminology, and then apply to our pre-MA program in sociology, which is even more cumbersome and inefficient. In recent years, we have observed that very few students have pursued either of these options and that most have chosen to either graduate with a 3-year General degree, or to pursue more advanced honours and graduate-level education in criminology by applying to programs outside of Manitoba.

The aim of the proposed Criminology Honours Program is to fill this serious program gap in the post-secondary training of criminologists in Manitoba. The Department of Sociology at the University of Manitoba is uniquely situated to be able to fill this gap, because of our already strong 3-year criminology program and the fact that the new Criminology Honours Program will require few, if any, additional resources to implement.

The Criminology Honours Program will require students to complete 120 credit hours of course work. In addition to giving students the option of taking more 3000-level courses in criminology, they will be required to complete additional courses, including several advanced 3000 and 4000-level courses that are currently offered to Sociology Honours students, along with a new 4000-level advanced criminology seminar. The primary focus and objective of the proposed Program will be to prepare graduates for careers in criminal justice research and policy-related occupations and to provide them with the academic training required for them to apply to more advanced graduate (MA and PhD) programs in criminology.

1.4 Program Admission Requirements

Not applicable.

1.5 Program fit with institutional mission and planning priorities:

The mission of the University of Manitoba is "To create, preserve and communicate knowledge, and thereby, contribute to the cultural, social and economic wellbeing of the people of Manitoba, Canada, and the world." The proposed Criminology Honours Program contributes to those goals.

The program will focus on criminological research, program development and policy analysis, and thus will prepare students for progression to graduate programs in this area. Students will receive the highest quality liberal Arts education: critical thinking and analysis, problem solving, ethical decision making, effective communication and sensitivity to and awareness/tolerance of diversity, among others.

The Honours program will provide another option for students in their undergraduate studies and has the potential to grow our graduate program as students will no longer have to leave the province to pursue more advanced honours and graduate level education in Criminology in programs outside Manitoba.

1.6 Comparison to existing programs:

While there are no similar Criminology Honours Programs offered in Manitoba, such programs exist in other Canadian provinces and internationally. Recently, the University of Winnipeg has introduced a 4-year Honours Program in Criminal Justice; however, this program is different from our proposed Criminology Honours Program. In particular, the University of Winnipeg program exists within a separate Department of Criminal Justice and is intended as an interdisciplinary program. In contrast, our program is based in the Department of Sociology, and is intended to provide students with advanced training in Criminology from a sociological

perspective, including a firm grounding in sociological theory and research methods. Illustrative of the different foci of the two programs is that graduates of the University of Winnipeg program are not currently eligible for direct admission to our Masters program in Sociology (as they do not have the requisite courses in sociological theory and methods, key components of the sociological canon), whereas our proposed future Criminology Honours Program graduates will meet the qualifications for admission to our graduate program.

SECTION II: Market Need and Market Demand for the Program

2.1 Local or provincial market needs for graduates:

As indicated above, the program is expected to help fill the serious gap that currently exists in the post-secondary training of criminologists in Manitoba. There are many job opportunities in Manitoba for university graduates with Honours and Master's degrees in criminology. For example, recent graduates of our Sociology Master's program who have concentrated their studies in criminology have gained employment with the RCMP, as Crime Intelligence Analysts, with the federal Department of Justice, as policy analysts, and with Statistics Canada, as sociologists/economists. A number of our MA program graduates are also currently employed in senior administrative positions with Manitoba Child and Family Services, Manitoba Justice and Manitoba Corrections.

This program will allow students to develop specific skills appropriate to their future prospective careers. Specifically, the training we propose to provide to students in the Criminology Honours Program will prepare them to enter professional occupations with criminal justice and social-service related agencies, as well as the private sector. Also, because a criminology degree is often a preferred undergraduate degree for individuals planning to apply to law school and other professional schools such as social work and public administration, we expect that our program will help to meet this type of labour market need.

Significantly also, data provided by Human Resources and Skills Development Canada (HRSDC) and Service Canada (SC) indicate that the job prospects for graduates of criminology programs are better than those for graduates of other social science undergraduate programs. In fact, criminology graduates appear to be somewhat unique in this regard. For example, Service Canada notes that while overall the job prospects for graduates of social science programs are worse than for graduates of other programs (like engineering and business), the one notable exception cited is criminology graduates. More specifically, Service Canada states that: "The situation for graduates of criminology programs is similar to that of all university graduates in general." Although pointing out that "between 2001 and 2009, less than 10% of bachelor's and master's graduates in criminology worked as criminologists a year and a half after graduation", they found work "in a variety of occupations, mainly in the social sciences", including half of them who held positions as community and social service workers, or probation or parole officers. Service Canada concludes that training in criminology appears to be a significant factor in obtaining employment in these types of occupations. It is our hope that students who graduate from our Criminology Honours Program will be even better prepared to take up employment in occupations requiring more advanced training in criminological research, program development, and policy analysis.

Accessed at: (HRSDC)

<http://www5.hrsdc.gc.ca/noc/english/noc/2011/Profile.aspx?val=4&val1=4169>, and (SC)

http://www.servicecanada.gc.ca/eng/qc/job_futures/statistics/4169.shtml

More generally, surveys of employers continue to show that they place the very highest value on graduates who demonstrate problems solving, critical thinking, effective communication, flexibility, and creativity – all skills and qualities exemplified by graduates in the humanities and social sciences. Consequently, regardless of their specific future occupations, graduates of the program such as the one proposed here will enhance the qualifications of workers in various sectors of the local economy.

2.2 Probable employment destinations:

Most of the graduates of the proposed Honours Program will likely gain employment in Winnipeg and other urban centres in Manitoba, since this is where major criminal justice and social service-related employers are concentrated. As indicated previously, many graduates of our current criminology and sociology programs have managed to obtain employment related to their training, and we anticipate that graduates of the proposed Criminology Honours Program will be even better prepared for entering careers in the field of criminology and criminal justice.

2.3 Consultation with relevant groups/agencies:

As part of our effort to gauge the amount of student interest in a Criminology Honours Program, an in-class survey of students enrolled in criminology courses at the University of Manitoba was completed in the Winter 2012 term. In addition, letters of support were requested from former students, and representatives of criminal justice agencies and other universities, to gauge the amount of local community and professional support for the program. The result of these enquires are highlighted in Section III: Student Demand for the Program.

2.4 Fit with provincial economic, social and cultural priorities:

Priorities for the Province of Manitoba as reported in their five-year economic plan are “to invest in vital front-line services: continue to improve health care, education, training, policing and supports for families.” Manitobans also place public safety and supports for families as a high priority. Graduates of the proposed program will be even better prepared for entering careers directly or indirectly related to priorities of the Province and Manitobans.

2.5 Potential for job creation and research and development:

The program will provide advanced training in criminology with a focus on research, program development and policy analysis. Many students of the proposed program will remain in Manitoba and pursue careers in the criminal justice system following graduation. Other graduates of the program will meet the qualifications for admission to the University of Manitoba graduate program in Sociology.

SECTION III: Student Demand for the Program

3.1 Students the program will serve:

We expect that most of the students enrolled in the program will want to remain in Manitoba upon graduation. Some will begin careers that involve working directly in the criminal justice system (for example, as police, court, or corrections personnel). We anticipate that other graduates of the program will pursue careers as program administrators, researchers, and policy analysts with criminal-justice related government and non-profit organizations, while others will obtain employment in the private sector (eg. with research companies). A number of our graduates will also no doubt go on to pursue graduate-level training in criminology at the MA and PhD levels. It is also expected that the Criminology Honours Program, like our current 3-year program, will continue to attract students who plan on applying to law school, social work, and other professional programs.

3.2 Existing program offerings in Manitoba:

As noted in Section 1.6 above (Comparison to existing programs) there are no similar Criminology Honours Programs offered in Manitoba. While the University of Winnipeg has recently introduced a 4-year Honours Program in Criminal Justice, this program is different from our proposed Criminology Honours Program, given its interdisciplinary (as opposed to sociological) focus in the study of crime and criminalization. There are also no other universities in Manitoba that offer this type of program. As such, criminology students who are interested in more advanced studies cannot achieve their educational and professional goals without enrolling in post-secondary programs outside of the province.

3.3 Evidence of student interest and demand for program:

We anticipate a strong demand for the program. Indicatively, the results of an in-class survey of 211 students enrolled in criminology courses at the University of Manitoba in the Winter 2012 term showed that 76 of these students were criminology majors, while an additional 48 students were considering criminology as an undergraduate major. Of the 211 students who were surveyed, 144 (or 68 %) stated that they would have considered enrolling in a Criminology Honours Program if it existed when they started taking criminology courses, while an overwhelming number of students (209, or 99 %), said they knew other students who would likely be interested in enrolling in a Criminology Honours Program if it was introduced at the University of Manitoba. The qualitative responses provided by students who completed our in-class survey, also show that a number of students enthusiastically endorsed the program. The positive comments they offered included:

1. "I think this is a good idea. I have friends interested in the criminology field and this would definitely benefit them."
2. "This sounds like a great program to start. I am definitely interested."

3. "I wish they offered this earlier before I graduate this year. It's a great opportunity for those who want to further themselves."
4. "I think this would be an awesome addition to the criminology program!"
5. "I wish this program was available when I first went to school. I love sociology and criminology. I would have pursued this had it been available. It is a great idea."
6. "The reason I went to university was because of criminology and I was greatly disappointed not to find an Honours Program in Criminology!"

In addition, letters of support received from representatives of criminal justice agencies and other universities, some of whom are also former students of our current undergraduate criminology program, demonstrates a high degree of positive local community and professional support for the program. Included in the attached **Appendix A** are the letters of support we have received from individuals who were provided with information on the proposed Criminology Honours Program contained in our initial program Statement of Intent (SOI).

3.4 Projected enrollments:

We anticipate an initial enrollment of 8 to 10 students in the first year of the program, and that between 10 to 15 students will enter the program annually in subsequent years.

3.5 Existing programs projected to lose enrollment to this program:

The introduction of the Criminology Honours Program will likely have some impact on our Pre-Master's Program—but in a positive way. Presently the Pre-Master's Program accommodates students who have completed their three-year BA degree and wish to go on to graduate studies, but require the equivalent of an Honours degree to do so. While this option will remain, with the introduction of the Criminology Honours Program most criminology students will not require it. The Criminology Honours Programs may also have a small effect on enrollments in the Sociology Honours Program offered in the Department of Sociology. As noted in Section 1.3 above, currently students interested in doing more advanced studies in criminology at the University of Manitoba are encouraged to enroll our Sociology Honours Program; but this option provides students with only a minimal amount of additional training specifically in criminology. Although a few criminology students do pursue this option, it is our observation that most students either graduate with a 3-year General degree or pursue more advanced honours and graduate-level education in criminology by applying to programs outside of Manitoba.

3.6 Proposed growth limits and minimum enrollments:

We anticipate that in order to maintain the program we will need to have a minimum of 5 new students major in the program each year. We do not anticipate that the program will grow above 15 new majors per year. However, if enrollments exceed this mark by the end of the 3rd year of

the program, the Department of Sociology may consider increasing the minimum Honours student GPA from the current 3.0 to limit the number of students entering the program.

3.7 Projected number of graduates and program majors for the first 3 to 5 years:

We anticipate the initial cohort of graduates at the end of the second year of the program to be 2 to 4 students. We expect that in subsequent years, the number of graduates will be roughly equal to the number of students entering the program; which will likely be from 10-15.

3.8 Participation and success by under-represented groups:

All of the students who may decide to enroll in the program have access to the full range of services provided at the University of Manitoba that are designed to promote the participation and success of under-represented groups.

3.9 Availability to part-time learners:

The program will be available to part-time learners. Part-time learning is also facilitated by the fact that approximately 60 credit hours (or 50%) of the program can be completed through distance and online education courses offered by the University of Manitoba.

SECTION IV: Faculty Requirements

4.1 Current faculty who will teach in the program:

There are currently nine permanent (tenure-track) faculty and instructors who routinely teach criminology courses offered through the Department of Sociology (Comack, Cormier, Linden, Peter, Powell, Spencer, Smandych, Woolford, Ursel). In addition, the Department of Sociology currently employs sessional lecturers (who have either PhD, MA, or LLB degrees) to teach specific criminology courses, and it is likely these or other part-time lecturers will also teach in the proposed Criminology Honours Program. It is significant to also note that most, if not all, of the other faculty members in the Department of Sociology will also be involved in teaching Criminology Honours students at some point, since all of the students in the program will need to complete other required and optional courses in sociology. A list of all current teaching staff in the Department of Sociology by rank and areas of expertise is provided below.

**Department of Sociology, University of Manitoba -
Teaching and Research Areas of Specialization by Faculty Member, 2011-2012**

Faculty	Teaching Areas	Research Interests
Dan Albas	Social psychology, small group interaction	social psychology, nonverbal communication, sociology of education
Charles Axelrod	Classical sociological theory, sociology of religion, sociology of knowledge, introductory sociology	Classical sociological theory, sociology of religion, sociology of knowledge
Sonia Bookman	Urban sociology, media, consumer culture, introduction to sociology, cities and urban life, culture, and society	Urban space, culture, and sociality; branding and social life; cultural economy; material culture; consumer culture
Elizabeth Comack	Sociology of law, women, crime and social justice, feminism and sociological theory, Honours thesis seminar (4 th year)	Inequality and the law, the sociology of law and feminist criminology, justice, safety and security issues in Aboriginal and inner-city communities, masculinity and crime, criminalized women
Jason Edgerton	Research methods, society and education	Social inequality, sociology of education; comparative social policy; social determinants of health
Christopher Fries	Introduction to sociology, sociology of health and illness, sociology of health care systems, issues in health care, sociology of the body	health and society; health lifestyles; the body in popular culture; social determinants of health; critical public health; complementary / alternative / integrative medicine; medical pluralism; medical consumerism; medical error; mixed methods research; reflexive sociology
Laura Funk	Sociological perspectives on family relationships; sociology of aging; sociology of health care, qualitative research	Responsibility in home-based palliative care, caregiving behavior, aging, home care nurses, end of life care, filial care
Mark Hudson	Political economy, environmental sociology, political sociology	Social movements, globalization, historical methods
Rod Kueneman	Sociological theory, social psychology, ecology and society, social and community reconstruction, socialization, criminology, social theory, qualitative and historical methods	Adoption and blended family, disability studies, ecology and society, social and community reconstruction, social psychology, sociological theory, political economy
Rick Linden	Criminology, criminal justice, research methods	Policing, Aboriginal justice, evaluation research, criminological

		theory, auto theft, crime prevention
Gregg Olsen	Social inequality, political sociology/social policy and the welfare state, sociology of culture/music, and honours seminar (4th year), globalization, introductory sociology	Social inequality, social stratification, class/race/gender, poverty, homelessness, social policy, the welfare state, rights, sociology of culture/music, comparative sociology
Tracey Peter	Research methods, quantitative data analysis, quantitative methods, sociology of criminal justice and corrections, introduction to sociology	Mental health and well-being, research methods, social inequality, suicide prevention, trauma and violence
Chris Powell	Social and cultural theory, genocide and state violence, historical sociology, sociology of knowledge, advanced sociological theory, feminism and sociological theory, introductory sociology, social movements and social change	Genocide, systems theory, empire, deconstruction, postmodernism, science studies, and postcolonial theory, sociology of knowledge, empire
Susan Prentice	Introductory sociology, critical issues, sociology and feminist theory, family, social problems, social movements, classical and contemporary theory, theory and practice of public sociology, Honours seminar (2 nd year), women's studies	social inequality, welfare state and social change, family relations and systemic discrimination, gender relations, childcare policy and advocacy, social movements, social and public policy, social inequality, systemic discrimination, post-secondary education, community development, historical sociology
Lance Roberts	Introductory sociology; quantitative research methods; social statistics; social psychology (especially theory); Canadian society; sociology of education	Canadian society (trends; Aboriginal; minorities), comparative social change in modern societies, educational issues, and mental health, evaluation and social policy
Dale Spencer	Criminology, criminal justice and corrections, violence and society, victims and the criminal justice system	Violence and society, victimology
Russell Smandych	Historical sociology, global criminology and criminal justice, youth, crime, & society, criminal justice & corrections, theoretical criminology, comparative legal history, Indigenous peoples and the law, global criminology and criminal justice, youth criminal justice reform	Law and Indigenous peoples, and Canadian and comparative common-law legal history, policing and private security, historical sociology, global criminology and criminal justice, youth crime and youth criminal justice reform
Wayne Taylor	Social organization, social change, population, sociology of work, urban	Sexual harassment, social organization and change,

	sociology	citizenship
Jane Ursel	Sociology of the family, family policy, domestic and interpersonal violence and institutional responses, qualitative research and evaluation, social policy	Social policy; family policy; criminal justice policy; domestic violence, qualitative research and evaluation, longitudinal studies
Lori Wilkinson	Ethnic relations, migration studies, forced migration, quantitative research methods, ethnic relations, Canadian society and culture, introduction to research methods	Race and ethnic relations, immigration and refugee studies (particularly in labour settlement, labour market, education and health issues), citizenship, youth (specifically on educational attainment, school-to-work transitions, citizenship and ethnic inequality), research methods, and ethnic relations
Andrew Woolford	Criminology, restorative justice, genocide and war crimes, sociology of law, genocide	Conflict resolution (restorative justice civil mediation, and reparations), genocide studies, critical criminology, Aboriginal peoples and the law, Aboriginal politics, social movements, social justice, neoliberalism and social/spatial regulation
Instructors		
Frank Cormier	Criminology, criminal justice, corrections, research practicum	Aboriginal justice issues, policing, criminal justice policy
Karen Kampen	Research methods, introduction to sociology	Environment, research methods, health, social inequality
Sessional Instructors		
Cheryl Albas	Introduction to sociology, socialization, small group interaction, sociology of family, courtship and marriage, social psychology in sociological perspective	Social psychology, family
Raymond Foui	Introduction to sociology, sociology of the family, courtship and marriage, selected social problems, social psychology	Issues and dynamics in child welfare and stepfamily, foster family and same sex family relationships
Mara Fridell	Political sociology, social inequality, social movements	Immigration and citizenship, labour markets and inequality
Mary-Anne Kandrack	Gender and deviance, medicalization and deviance, introduction to sociology, women,	Sociology of knowledge (psychotherapeutic hegemony); gender and social regulation,

	crime and social justice, sociology of mental disorders, theory/methodology, feminist analysis, gender and deviance	theory/sociology of knowledge feminist analysis, deviance and medicalization
Susan Miller	Introductory sociology; social issues; race and ethnicity; religion; selected social issues a Canadian perspective	Gender; religion; race and ethnicity
Tannis Peikoff	Youth, crime and society, sociology of criminal careers (street crime, white collar crime, organized crime); introduction to sociology and criminology	Early interaction between Anglican Missionaries and Aboriginal peoples of the Red River, youth justice
Senior Scholars		
Ed Boldt		Social psychology, ethnic relations, criminology
Raymond Currie		Survey research, research administration, and academic leadership
Leo Driedger		Urban, ethnic relations, religion
Jay Goldstein		Ethnic stratification, ethnic intermarriage, drug laws, tobacco control, informal control of drugs
G.N. Ramu		Sociology of development, marriage and the family in India and Canada, women and work in South Asian societies, South Asian societies, adult sibling relations, globalization and its impact on industrial workers.
Alex Segall		Social determinants of health status, self-health management and health protective behaviour, population health assessment, health promotion program evaluation

It is important to also highlight the fact that our criminology program is staffed by faculty members with national and international reputations for their work. In addition to their active research programs, these faculty members are also committed to undergraduate teaching, having published several books that are widely used in criminology courses. For instance, Rick Linden's *Criminology: A Canadian Perspective* (now in its seventh edition) is the most popular criminology text in Canada. Elizabeth Comack's books are used in teaching the sociology of law and feminist criminology, Andrew Woolford's in restorative justice, Chris Powell's in genocide, and Russell Smandych's in the areas of youth justice and global criminology.

4.2 Additional faculty and staff required:

No additional faculty or staff will be required to support the proposed program.

SECTION V: Cooperative Arrangements

5.1 Cooperative agreements with other institutions/organizations:

No cooperative arrangements have been made with other institutions and organizations to offer this program.

5.2 Transfer credit:

Every effort will be made to ensure that all credits from the proposed program will be made fully transferable to other post-secondary institutions in Manitoba.

5.3 Internship/practicum components of the program:

Students enrolled in the program will have the option of completing a 6 credit hour "Practicum in Criminological/Sociological Research" course (SOC 3100), which is currently offered to undergraduate majors in sociology and criminology. The course offers students the opportunity to gain experience and training in field research through a placement with a criminal justice or other social service agency. Students are required to spend a minimum of 105 hours in their placement, normally averaging 5 hours per week over the academic year.

5.4 Credit for prior experiential learning:

The program will not include a mechanism for prior learning assessment.

SECTION VI: Learning Technologies

6.1 Use of modern learning technologies:

Approximately 60 credit hours (or 50%) of the program can be completed through distance and online education courses offered by the University of Manitoba.

SECTION VII: Resource Requirements

7.1 Library resources:

The library resources available at the University of Manitoba to support a new Criminology Honours Program have been assessed by staff of the University of Manitoba Libraries and a copy of their report is attached in **Appendix B**.

7.2 Computer facilities:

Existing computer facilities are adequate to support the program.

7.3 Use of existing facilities and equipment:

7.3.1 Existing facilities:

1. Space

Although the Department of Sociology, like other departments, has a finite amount of space, we currently provide all fourth year Honours and Pre-Master's students who request study space with either shared offices or individual study carrels in a large partitioned study room. Fourth year Honours and Pre-Master's students who are working as part-time teaching assistants are typically assigned offices which contain two to three study spaces. Other fourth-year Honours and Pre-Master's students are assigned individual carrels in large study room located on the same floor as faculty and administrative offices in the Department of Sociology. This room can accommodate 16 students and the study offices, which hold two to three students, can accommodate 20 students, however, these offices are also used by students in our graduate programs. Each study space is comprised of a desk, chair, and bookshelves. Some offices also contain filing cabinets.

In addition, some of our faculty members holding large grants are provided with research offices in the department. In some cases this means that our Honours and/or Pre-Master's students are hired as RAs and provided with space where they can work.

2. Equipment and Computer Resources

Two computer labs are equipped with a projector for video and computer usage. Faculty members are able to conduct lectures, labs, and presentations within these two spaces. The graduate computer lab has 10 terminals, each connected to the Internet and containing software typical for studies in sociology (e.g., MS-Office Suite, Internet Explorer, SPSS 16.0 and others). The room is equipped with a phone and laser printer. Currently, students are not charged for the use of paper or cartridges but are allotted 150 pages of printing per month. They are charged for printing in excess of this amount. Students also have access to the Internet and email accounts. They may access the computer lab on evenings and weekends by means of a personal PIN assigned to them by the department administrative staff.

The undergraduate computer lab is strictly an instructional laboratory containing 42 terminals each linked to the Internet and containing software for instruction in research methods. These terminals are capable of Computer Assisted Telephone Interviewing (CATI) that can be used for both training and research purposes. There is a laser printer, two data projectors and screens, and a multimedia terminal capable of displaying media from a wide variety of sources. This lab is instructional only and access is permitted only by the instructor and only during class or laboratory schedules. This room can be booked by other departments for instructional and research use.

The department also owns two laptop computers and a portable data projector available to faculty and Honours and Pre-Master's students. This equipment is used mainly for presentations and is available for classroom instruction.

The Department also has two classrooms available for conducting courses (320 and 335 Isbister). These rooms are typically used for Honours and Pre-Master's seminars along with department meetings and talks given by special guest lecturers. These spaces, however, can also be requested by other departments at the University of Manitoba and are sometimes used for training purposes. The larger of the two rooms has a data projector permanently installed for instructional and presentation purposes.

Honours and Pre-Master's students have access to digital recorders purchased by the department to facilitate interview and focus group research.

Honours and Pre-Master's students can use the Department's photocopy machine. Students can arrange for a pre-paid account with the department. Access to the photocopier is available during the work-week from 9am to 5pm. The price for photocopies is about half of what other copy services offer to students on campus. Students also have access to a fax machine which is also available daily, excluding weekends.

The department has a communal kitchen, with a large table that can seat six, a refrigerator, a microwave oven, a reverse-osmosis water dispenser, a coffee-maker and a kettle, as well as a sink and cupboard space. Nicknamed the 'Gemeinschaftzimmer,' the kitchen allows students, staff, and faculty to meet over food and drink.

7.3.2 Existing equipment:

The new Criminology Honours Program will increase the demand placed on existing space and equipment. However, we are confident that we can absorb the establishment of the new program with the current infrastructure and equipment in the Department of Sociology.

7.4 Additional facilities and equipment required:

No additional facilities or facility modifications will be required for the proposed program. Nor will the program require the construction of new buildings or the purchase of new equipment.

SECTION VIII: Financial Considerations

8.1 New resources required:

No additional financial resources will be required to offer this program.

8.2 Reallocation of existing funds/new funds required:

No existing financial resources will be reallocated to offer this program.

8.3 Projected tuition revenue:

Assuming the program attracts approximately 15 students per year to the University of Manitoba, not including International Students, and these students are taking on average eight three credit hour courses during the fall/winter terms, in four years the yearly tuition (Arts courses @ \$299.22) revenue for all students in all four years of the program will be

$$15 \times 8 \times \$299.22 \times 4 = \$143,625.60/\text{year}$$

In addition, assuming 3 students then move on to pursue a Masters program, not including International Students, and these students take two years to complete their program, then in approximately six years the tuition revenue for the three students over the two year program will be

$$3 \times \$5600.00 (\text{program fee plus continuing fee plus incidental fee}) = \$16,800.00$$

8.4 Enrollment impact on overall tuition fees:

The first calculation above was made assuming an Arts course. Since a student must select their ancillary options courses from outside the honours subject, other faculties and schools may also benefit from the program.

The second calculation is assuming students will now choose to complete a Masters program on at the University of Manitoba due to the streamlining of the degrees.

8.5 Program funding and enrollment decreases:

Since no new faculty or support staff are required for the degree program, a decrease in enrolment will not affect our ability to offer the program. Should the new program not succeed, the existing three year Bachelor of Arts General degree will continue to be offered. Students interested in graduate-level education will likely apply to such programs outside of Manitoba.

SECTION IX: Program Consultations and Evaluation

9.1 Consultations

As noted in Section 3.3 above, both current and former students and representatives of local criminal justice related agencies and other universities were consulted regarding the proposed program. Representatives from other faculties and departments of the University of Manitoba were also consulted. All of the letters of response and support we received from the individuals we consulted are included in **Appendix A**.

9.2 Evaluation of proposed program:

Please see attached **Appendix A**.

9.3 Procedures for institutional evaluation:

All of the undergraduate programs offered through the Faculty of Arts at the University of Manitoba are evaluated periodically through a required Undergraduate Program Review. The new Criminology Honours Program will undergo ongoing review as part of this required undergraduate program evaluation process. In addition to this formal undergraduate program review process, there will be ongoing internal review of the program that will be carried out by the Department of Sociology and the Faculty of Arts on an annual basis following the start of the program.

APPENDIX A: LETTERS OF SUPPORT

EXTERNAL TO THE UNIVERSITY OF MANITOBA

Murray Dyck, Constable, Royal Canadian Mounted Police, Oakbank, Manitoba

Bryan Hogeveen, Associate Professor, Department of Sociology, University of Alberta

John Hutton, Executive Director, John Howard Society of Manitoba

Jodi Koffman, Crown Attorney, Manitoba Prosecution Service

Murray Scott, Coordinator, CHOICES Youth Program

Kim Spiers, Parole Officer Rockwood Institution (Correctional Service of Canada)

John Winterdyck, Professor and Director of the Centre for Criminology and Justice Research,
Mount Royal University

INTERNAL TO THE UNIVERSITY OF MANITOBA

Todd Mondor, Head, Department of Psychology

David Camfield, Associate Professor, Labour Studies Program

Lucas Tromly, Associate Head, Department of English, Film and Theatre

Michele Piercey-Normore, Associate Dean, Faculty of Science

Lorna Turnbull, Dean, Faculty of Law

David Stangeland, Associate Dean, I.H. Asper School of Business



Royal Canadian Mounted Police Gendarmerie royale du Canada

Security Classification/Designation

Cst. Murray DYCK
Oakbank RCMP
625 Balsam Crescent
Oakbank, MB
R0E 1J0

Your File

Dr. Russell SMANDYCH
Sociology Department
318 - 183 Dafoe Road, Isbister Building
University of Manitoba, Winnipeg, MB
R3T 2N2

Our File

2012-02-27

Dear Russell,

Re: Criminology Honours Program

I have read your Statement of Intent regarding the Criminology Honours Program you are developing at the University of Manitoba. As a former U of M student I am very interested to hear of this new development.

As you know, I graduated from the U of M with my Bachelor of Arts (Criminology) in 1992 and my Master of Arts (Sociology) in 2001. Upon my acceptance to the graduate studies program in sociology I had to first complete a year of pre-Master's course work. Few of my pre-Master's courses were in the field of criminology. I feel I could have benefited from a program that was focused more on issues related to crime, criminality and criminal justice. Criminology was my main academic interest at university and I have subsequently pursued a career in policing as a member of the RCMP.

I definitely see the value in a Criminology Honours Program and I believe that had it been available at the time, I would have participated in it.

Sincerely,

(M.W. DYCK), Cst.
Oakbank RCMP



April 4, 2012

To Whom It May Concern:

It is with great pleasure that I write this letter in support of the proposed honours Criminology program at the University of Manitoba. My conviction about the importance of this program is the result of teaching Criminology at the University of Alberta for the last ten years, graduating with a M.A. degree in Sociology from the University of Manitoba, and from obtaining an honours B.A. from the University of Windsor. With a core group of faculty working and publishing in the broadly defined discipline of Criminology, the Department of Sociology at the University of Manitoba is well situated to deliver an exceptional course. I do not hesitate in my endorsement of this application.

Criminologists at the University of Manitoba are internationally renown and respected. Elizabeth Comack has written several exemplary and path-breaking books that explore women's experience with and in Canada's criminal justice system. Rick Linden is held in high regard for penning the most widely used and premier Canadian Criminology textbook. Russell Smandych's socio-legal cross cultural criminology is unprecedented. Taking on such diverse and unique substantive topics as restorative justice, genocide and neoliberal governance sets Andrew Woolford's work apart. Together this unique and extraordinary group of scholars has not only published remarkable work, they have trained countless students who have gone on to distinguished careers as university and college professors, lawyers, correctional workers, police officers and, but not limited to, parole officers. Learning from such a tremendous cadre will notably benefit students sufficiently fortunate to enrol in the proposed program.

Both the University of Manitoba and prospective students will derive tremendous advantage from the creation of an honours Criminology program. Speaking from experience I can say that programs like the one proposed herein provide students with the practical experience and academic acumen employers highly value. Being afforded an opportunity to "test drive" a potential career is of immeasurable assistance to students. Further, the practicum component allows faculty to push the limits of the classroom into the community. My students routinely bring their field experience with them into the lecture hall and carry the lessons derived therein to the community. Students intending to pursue graduate studies will be advantaged by the honours degree. To date, because they lack requisite skills or courses some University of Manitoba Criminology graduates are discouraged to find they are being asked to take additional classes when admitted to outside M.A. programs. The proposed amendment will remedy the current lack.

By accepting this proposal I am fully confident the University of Manitoba will generously profit. I learned from the *Statement of Intent* forwarded to me by Dr. Smandych that he expects an initial enrolment of 8 to 10 students. I think he has considerably underestimated.



I fully support this application for an honours Criminology program at the University of Manitoba. With a tremendous group of Criminology faculty and with immense benefit to students and to the university the need for this program is urgent.

Please feel free to contact me should you have any additional questions regarding the contents of this letter.

Sincerely,

Bryan R. Hogeveen, PhD
Associate Professor
Department of Sociology
University of Alberta
hogeveen@ualberta.ca
780-492-2977



THE JOHN HOWARD SOCIETY OF MANITOBA, INC.

583 Ellice Avenue • Winnipeg, Manitoba • R3B 1Z7 • Phone: (204) 775-1514 • Fax: (204) 775-1670 • www.johnhoward.mb.ca

April 4th, 2012

To Whom It May Concern:

Re: University of Manitoba Criminology Honours Programs

On behalf of the John Howard Society of Manitoba I am pleased to be writing in support of a proposed Criminology Honours Program at the University of Manitoba. The Sociology department at the U of M, which is developing this new program, already supports the work of this agency in many ways, and having a honours program in criminology as well would increase this benefit and support immensely.

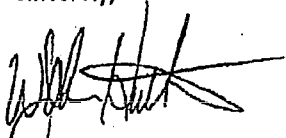
The John Howard Society of Manitoba works with men who are or have been incarcerated, assisting them with reintegration, and providing courses in parenting, anger management and literacy. We also co-operate a community based alternative sentencing program along with Manitoba Justice, - "Restorative Resolutions", and have recently opened a Bail Support and Supervision program. Almost every level of our work is supported in some way by students and faculty of the Sociology department

Many of our staff have studied former sociology or criminology students from the University of Manitoba. A number of our board members, past and present are students or faculty in Sociology and Criminology (we currently have three board members who teach sociology/criminology, and one board member who is a graduate student). As well, there is a great deal of research done in the department, by students and faculty on specific issues that informs our work and our advocacy on behalf of clients. The fact that many of the positions we take publicly are supported by research adds to our credibility, and leads the public to take us more seriously. It also gives us more credibility when we call on the federal government to take an evidence based approach to justice and corrections issues.

Having an program in criminology would certainly lead to more research being done by students on issues related to our clients. I also see it as a way of ensuring that the keenest students are kept here in Winnipeg where they are more likely to remain after graduation (and therefore be available for hire by agencies like the John Howard Society). If a student moves elsewhere in order to complete an honours in criminology at another University, there is a chance they won't come back.

Please feel free to contact me directly if there is anything else I can say in support of the proposal. Thank you in advance for considering my opinion.

Sincerely,



John Hutton, MSW
Executive Director

March 13, 2012

To Whom It May Concern,

My name is Jodi Koffman. I attended University of Manitoba for the pre-master's program in Sociology from 2005 to 2006. My intentions were always to pursue a career in criminal law. I wanted to have a strong knowledge base and understanding of criminology and criminal justice prior to attending law school. I can honestly say that had the University of Manitoba offered a program such as the honours degree in Criminology, I would have been eager to participate. I ended up in the pre-master's program for Sociology only for the purposes of taking criminology type courses such as Comparative Criminology and Youth and the Law.

Having a program aimed at Criminology is beneficial for a variety of careers the students may be interested in, for example, law, policing, and corrections. There is huge value in the creation of an honours program in Criminology. I myself would have loved to have had the opportunity to have participated in such a program as it would have been a huge asset to my future career.

I highly encourage the University of Manitoba to implement such a program.

Please feel free to contact me with any questions or comments.

Sincerely,

Jodi Koffman

JODI KOFFMAN

Crown Attorney
Manitoba Prosecution Service
510-405 Broadway
Winnipeg MB R3C 3L6
Ph: (204) 948-4039
Fax: (204) 948-2404
Email: jodi.koffman@gov.mb.ca



1075 WELLINGTON AVENUE, WINNIPEG, MANITOBA R3E 0J7
TELEPHONE: (204) 788-0203 FAX: (204) 772-3911

Murray Scott
Choices Youth Program Coordinator
(Ext. 152, E-mail: mscott@wsd1.org)

To Whom It May Concern,

Recently, it has come to my attention that the University of Manitoba's Department of Sociology is proposing a new Criminology Honours Program. We have had a long standing partnership with the department over the years and have been very successful in recruiting Sociology students as volunteers for our program. In the past, Sociology students have also conducted their Criminology practicum in our program.

I have read the Statement of Intent and based on our knowledge of the Department of Sociology and its existing programs, and the potential value of having this type of program in the province, I fully support this proposal.

The CHOICES Youth Program is considered a preventative anti-gang program, funded by Manitoba Justice, and exists as a partnership between Manitoba Justice, the Winnipeg School Division and the Winnipeg Police Service. We value all those individuals and groups who are continually working towards improving the social conditions of our populace and we view this proposal as another constructive way to help this change happen.

Yours truly,

Murray Scott
Coordinator, CHOICES Youth Program



WINNIPEG SCHOOL DIVISION
INVESTING IN THE FUTURE

Box 72, Stony Mountain, MB

ROC 3A0

May 1, 2012

Dr. Russell C. Smandych, PhD

Associate Head, Department of Sociology, University of Manitoba

303 Isbister Bldg

Winnipeg, MB R3T 2N2

Dear Mr. Smandych:

Subject: Support for proposed Criminology Honours Program

I have read the statement of intent describing the proposed Criminology Honours Program prepared by members of the Department of Sociology. I am in support of this Program's implementation at the University of Manitoba.

As an undergraduate student at the University of Manitoba, I struggled with decisions about my future studies, and having a 4 year Honours Program as described in the statement of intent would have met my needs and reduced much stress and uncertainty. The focus and direction of this Program would have been of assistance in developing my short and long term plans, and focusing my skill development.

Good luck with the development and implementation of this Program.

Sincerely,

Kim Spiers, MA

Parole Officer, Rockwood Institution

/ks



Centre for
Criminology & Justice Research

4825 Mount Royal Gate SW, Calgary, Alberta, Canada, T3E 6K6
Centre for Criminology and Justice Research
Prof. John A. Winterdyk, Director
Phone: 403.440.6992
Fax: 403.440.6201
Email: CCJR@mtroyal.ca
Web: www.mtroval.ca/ccjr

March 19, 2012

To whom it may concern,

Re: Criminology Honours Program - Department of Sociology

I am honored to be invited, by Professor Smandych, to provide a letter of support as the Department of Sociology at the University of Manitoba (UofM) puts forward its proposal to establish a Criminology Honours Program in their Department.

The Department has a long and distinguished record of delivering a strong criminology program which is supported by an exceptional cohort of very skilled and highly regarded scholars – among whom I personally know: Professors Linden, Smandych, and Woolford.

As the former Chair of our Department, I am also aware of a number of our students who have chosen to complete their degree or pursue graduate level work at the UoM. To the best of my knowledge they've all enjoyed the educational experience.

In preparing this letter, I have reviewed the 'statement of intent' provided to me by Professor Smandych and am particularly pleased to see that in addition to being a well thought out and conceptualized proposal, that it is also sufficiently and uniquely different from the Honours program offered at the University of Winnipeg.

Based on the success of our recently introduced Honours Program at Mount Royal University (the first of its kind in Alberta), I also see the proposal as a natural (if not necessary) extension and expansion of the criminology program at UofM. In addition, if our experience with offering an Honours stream is any indication, the proposed UofM Criminology Honours Program should be very popular with students. For example, our Honours' student enrollment went from 2 to 16 in three short years with an annual overall student intake of 140-odd students, and the numbers for next year appear to be even higher.

Finally, given my familiarity with the UofM sociology/criminology program and the fact that Dr. Smandych is an Adjunct Professor in our Department, I know that we would be very happy to provide any support that he and/or the Department of Sociology might seek.

In sum, I wholeheartedly support the proposal and wish the program much success and if I can be of any further assistance please feel free to contact me.

Sincerely,

John Winterdyk, Professor

Janet Sealey

From: Barry Ferguson <Barry.Ferguson@ad.umanitoba.ca>
Sent: Friday, May 25, 2012 4:12 PM
To: Todd Mondor
Cc: Vicky_Basaraba@umanitoba.ca; janet_sealey@umanitoba.ca
Subject: RE: criminology honours program...

Dear Todd:
Thanks for your prompt and helpful review.
Regards, Barry

From: Todd Mondor
Sent: Friday, May 25, 2012 12:21 PM
To: Barry Ferguson
Subject: criminology honours program...

Hi Barry.

I've reviewed the information you sent describing the proposed honours program in criminology.

This information indicates that no additional resources will be required to support the program, that there is a clear academic value in it, and that a variety of external agencies support and see value in it.

It appears to be a well-planned addition to the University's offerings.

I am happy to support it.

==

*Dr. Todd A. Mondor
Professor & Head
Department of Psychology
University of Manitoba*

Janet Sealey

From: Barry Ferguson <Barry.Ferguson@ad.umanitoba.ca>
Sent: Wednesday, June 06, 2012 12:05 PM
To: janet_sealey@umanitoba.ca; Vicky_Basaraba@umanitoba.ca
Subject: FW: proposal for Honours in Criminology

Please add to the CPAC file on this programme.

From: David Camfield
Sent: Wednesday, June 06, 2012 11:48 AM
To: Barry Ferguson
Cc: Julie Guard
Subject: proposal for Honours in Criminology

Hi Barry,

Since Julie is on vacation, I offered to review the proposal. In my view, it looks very good: intellectually sound, well-organized and welcomed by important relevant community groups like the John Howard Society.

Cheers,
David

David Camfield
Associate Professor
Labour Studies

116 Isbister Building
183 Dafoe Road
University of Manitoba
Winnipeg
Manitoba
R3T 2N2

phone: 204-474-9117
fax: 204-474-7869

Vicky Warkentin

From: Barry Ferguson [Barry.Ferguson@ad.umanitoba.ca]
Sent: Tuesday, June 12, 2012 9:59 AM
To: Vicky_Basaraba@umanitoba.ca
Subject: FW: Honours Program in Criminology

Dear Vicky:
For CPAC file.
Regards, Barry

From: Lucas Tromly
Sent: Tuesday, June 12, 2012 9:43 AM
To: Barry Ferguson
Subject: Honours Program in Criminology

Dear Barry,

The Department of English, Film, and Theatre approves the proposed Honours Program in Criminology.

Sincerely,
Luke Tromly

THE UNIVERSITY OF MANITOBA
Faculty of Science
249 Machray Hall

INTER-DEPARTMENTAL CORRESPONDENCE

DATE: June 13, 2012 *Greg Smith*
TO: ~~Barry Ferguson~~, Associate Dean, Faculty of Arts *Michele*
FROM: Michele Piercey-Normore, Associate Dean (Undergraduate Studies)
RE: **Proposal for New Honours Program in Criminology**

Thank-you for the opportunity to review the proposal from the Faculty of Arts regarding the new Honours program in Criminology.

The proposed program offers a wide range of Sociology courses providing a strong foundation in social issues with a focus on criminology. Although the existing Faculty of Science program in Forensic Sciences has not been implemented, the Faculty of Science is preparing a proposal for interdisciplinary Minors in Forensic Sciences and we hope your Criminology students might take the opportunity to consider one or more of these interdisciplinary minors.

The Faculty of Arts is indeed in a unique position to propose an Honours program in Criminology since it already offers a general program in Criminology. However, while the proposed program has been thoroughly described and well-written, we raise a couple of questions you might consider. The Faculty of Arts offers double Honours in a number of areas, and this proposed program seems to be amenable to a double Honours. Is there a plan to propose such a program? In a similar way, the proposed Criminology program does not provide an advanced Major degree, yet there is an existing General degree. The four year Major would allow students to complete an advanced degree in Criminology without having to complete the Honours thesis requirement. If a Major degree or double Honours degree are not feasible at this time, perhaps they may be future considerations.

The Faculty of Science is pleased to provide support for the proposed new Honours program in Criminology.

MPN/ms

RECEIVED
JUN 15 2012
ASSOCIATE DEAN OF ARTS
UNIVERSITY OF MANITOBA



UNIVERSITY
OF MANITOBA

Faculty of Law

Robson Hall
Winnipeg, Manitoba
Canada R3T 2N2
Fax (204) 474-7580
Phone (204) 474-6130

Office of the Dean

June 22, 2012

Barry Ferguson
Associate Dean, Faculty of Arts
University of Manitoba
3rd Floor Fletcher Argue Building
Winnipeg, MB R3T 5V5

Dear Associate Dean Ferguson,

I have had a chance to review the proposal for a new UM Criminology Honours Program and I am wholeheartedly in support. I invited several of my colleagues, who are more knowledgeable in this area than I am, to also review the proposal and they report that it "looks great". Several of my colleagues have worked with a number of the criminology experts at the University of Manitoba (Comack, Woolford, Linden, etc.) and we are aware of their strong national and international reputations. The Sociology Department is home to a number of criminologists and it makes sense to launch this program, as it also fills a significant student need. The University of Manitoba is well-placed to play this key role in Criminology education in Canada.

I note that the proposal does not seem to reference the fact that Criminology students often go on to study law (section 3.1). It seems that this is an oversight because it is later noted in the letter from Jodi Koffman (one of our law graduates and a grad of the existing Criminology program).

Let me know if I can assist further.

Yours sincerely,

Dr. Lorna A. Turnbull
Dean
204-474-9282
lorna_turnbull@umanitoba.ca



UNIVERSITY
OF MANITOBA

I. H. Asper School of Business
Faculty of Management

David A. Stangeland, PhD, CMA
Associate Dean, Programs & Admin.
316 Drake Centre
181 Freedman Crescent
Winnipeg, Manitoba
Canada R3T 5V4
Telephone (204) 474-6477
Fax (204) 474-7545

DATE: July 4, 2012
TO: Barry Ferguson, Associate Dean, Faculty of Arts,
Lori Wilkinson, Associate Dean, Faculty of Arts
FROM: David Stangeland, Associate Dean, I.H. Asper School of Business
SUBJECT: Request to Review Proposal for new Honours Program in Criminology

Please accept this in response to your request to review the proposal for the new Honours Program in Criminology: Bachelor of Arts (Honours) in Criminology. The proposal looks quite interesting and is designed to fill an unmet market need in the Province of Manitoba. The new program does not require many additional resources and the resources seem to be available within the Faculty of Arts, the Department of Sociology, and the University of Manitoba Libraries in order to operate the program. While there are not direct consequences to the I.H. Asper School of Business programs, there may be some indirect benefits. One such indirect benefit could be that students who complete the Honours Program in Criminology may be interested in pursuing either a Masters or PhD degree in the I.H. Asper School of Business in the area of organizational behaviour/theory where some of the criminology background could be applied to human behaviour in the business context. As such, the I.H. Asper School of Business is supportive of the proposal for the Bachelor of Arts (Honours) Criminology program and we wish you success in offering the program.

**APPENDIX B: STATEMENT OF THE UNIVERSITY OF MANITOBA LIBRARIES ON
RESOURCES TO SUPPORT A CRIMINOLOGY HONOURS PROGRAM, MAY 2012**

[PLEASE SEE ATTACHED STATEMENT]



UNIVERSITY
OF MANITOBA

University of Manitoba Libraries

Statement for New Programme

Libraries

Faculty	Arts
Department	Sociology
Programme	Single Honours Program in Criminology

Executive Summary

The Libraries' collection can support this new programme, as it currently exists.

The journal holdings are a strong area of the Criminology collection and are at a doctoral or research level of support. The monograph collection in this area is also quite strong, being at a doctoral or research level for Canadian materials and almost at a research level for international materials. The Libraries also provides access to a substantial collection of Reference materials to support this subject area. A few important reference titles are lacking, but these can be acquired with existing funding. To enhance use of the collection, the Libraries subscribes to many databases of interest to Criminology students. As well, the Libraries maintains a Government Publications collection and provides access to a variety of statistical and survey data of potential interest to Criminology students.

The primary library responsible for serving the Criminology program is the Elizabeth Dafoe Library. The Criminology collection is greatly strengthened by the holdings of the E. K. Williams Law Library. The Libraries provides a variety of services and facilities that will be of interest to Criminology students. The Libraries' move to a liaison model of service, and the pending renovations to Elizabeth Dafoe Library will enhance the undergraduate experience.

Gary Strike
Liaison Librarian for Sociology

Nicole Michaud-Oystryk
Head Elizabeth Dafoe Library


Coordinator, Collections Management


University Librarian

17 May 2012
Date

The Libraries' collection can support the proposed Single Honours Program in Criminology.

Journals

The University of Manitoba Libraries provides access to an impressive range of journal literature. Two quantitative measures were undertaken to gauge the depth of the collection in Criminology. *Journal Citation Reports* 2010 lists 46 journal titles in the category "Criminology & Penology". University of Manitoba Libraries has current subscriptions to 40 of these titles (87 %), including the top 24 titles when ranked by Impact Factor, and all journals with an impact factor greater than one. Secondly, *Criminal Justice Abstracts* covers 492 periodical titles they classify as "core". University of Manitoba Libraries provides current access to 421 of these titles (86 %). These two measures indicate a doctoral or research level of support. It should be pointed out that the Libraries has substantial holdings/backfiles for additional titles not considered current because of an "embargo" on recent volumes. In addition, many of the journal titles not currently accessible or without current subscriptions are in languages other than English or French.

Monographs

The Libraries provides access to a large collection of monograph literature in the area of Criminology. To analyze its strength, the references listed in four recent monographs were checked against the Libraries' collection. Bibliographic information on these four monographs and the results of the checking are listed below:

- Alvi, Shahid. 2012. *Youth criminal justice policy in Canada: a critical introduction*. N.Y.: Springer. 177 out of 204 = 87%
- Burke, Roger Hopkins. 2012. *Criminal justice theory: an introduction*. Abingdon, Oxon: Routledge. 462 out of 595 = 78%
- *Critical criminology in Canada: new voices, new directions*. 2011. Ed. Aaron Doyle and Dawn Moore. Vancouver, UBC Press. 504 out of 615 = 82%
- Young Jock. 2011. *The Criminological imagination*. Cambridge: Polity. 378 out of 472 = 80 %

Checking of the two Canadian monographs showed a solid doctoral or research level of support, while results of checking the two non-Canadian titles indicated lesser holdings though still adequate to support the proposed program.

Reference Materials

The UML has a substantial reference collection that supports Criminology. This area of the collection has vastly improved over the last five years, as more of this material has moved to an online format. The Libraries now provides online access to many important dictionaries, encyclopedias and handbooks, primarily via Credo Reference, Sage, and Springer. The more important titles include: *Oxford Handbook of Criminology* (2003 online, 2007 paper), *Blackwell Companion to Criminology* (2004 online and paper), and the *Encyclopedia of Criminological Theory* (2010 online). Many other reference titles are listed in the Library Guide <<http://libguides.lib.umanitoba.ca/content.php?pid=210840>> . The Libraries does lack older editions of the *Oxford Handbook to Criminology* (1997 and 1994). There will be a new edition

of the *Oxford Handbook of Criminology* coming out in 2012, along with a Handbook of Deviant Behavior. These items will be added to the Libraries' collection using existing funding.

Electronic Resources

To enhance use of the collection, the Libraries subscribes to many databases of interest to Criminology students. The primary database is *Criminal Justice Abstracts*, now with partial full-text included. A second indexing/abstracting database available is *NCJRS* (National Criminal Justice Reference Service). Full text journal databases of importance include *Criminology: a Sage Full-Text collection*, and *Hein Online*. For those dealing with more interdisciplinary topics, more general databases such as *Sociological Abstracts*, *PsycInfo* and *Ebsco Academic Search Complete* provide indexing and linking to the literature. More recently, the Libraries provides a *One-Stop Search* which is a single access point to all types of materials: books, journal articles, audiovisual media, etc. Students may also use more specialized Libraries' resources, such as *Canadian Public Policy Collection* (ebooks), *RefWorks* for collecting bibliographic information, and *Sage Research Methods Online*.

Government Publications

The Government Publications area of Elizabeth Dafoe Library provides access to a wide range of government information. The Elizabeth Dafoe Library is a full depository for Manitoba provincial documents, Government of Canada documents and for European Communities documents. It also houses documents from other provinces, other countries (especially the U.S. and U.K.), and from a wide variety of international agencies (including OECD, United Nations, World Bank and World Health Organization). This area has considerable holdings useful to those studying criminology, including: Hansard, bills, statutes, and information from departments such as Justice, Solicitor General, and Corrections Canada. Reports of various commissions will also be relevant, such as the federal Royal Commission on Aboriginal Peoples, and the Manitoba Public Inquiry into the Administration of Justice and Aboriginal Peoples. Government publications are especially useful to those searching for policy and statistics. The Government Documents Library Guide <<http://libguides.lib.umanitoba.ca/content.php?pid=226999>> and the Government Documents liaison librarian can be consulted for assistance in using this special collection.

Data Resources

The Libraries provides access to a wide variety of materials for students looking for statistical or quantitative analysis. Statistics Canada reports, such as *Juristat* and *Police Resources in Canada* can be accessed through the Libraries' catalogue. The Libraries provides access to several databases of statistical information, which include criminology statistics, such as *CANSIM* (Statistics Canada) and *UNdata* (United Nations). The Libraries also provides access to a set of semi-custom tables from the Canadian Centre for Justice Statistics. As well, the Libraries provide access to relevant survey data, such as the (Canadian) *General Social Surveys* dealing with victimization, the (Canadian) *Violence Against Women Survey*, and several United Nations crime surveys, such as the *International Crime Victimization Surveys*. Most surveys can now be downloaded directly by students and faculty, and several hundred surveys can now be analyzed online. The Statistics and Data Library Guide <<http://libguides.lib.umanitoba.ca/statistics>>

and the Data Services librarian can be consulted for more information on accessing these resources.

Services and Facilities

The Libraries offers a free and efficient Document Delivery service to provide students and researchers with materials not held in the University of Manitoba Libraries. These materials are lent from other libraries and research centres around the world. An online request form is available allowing faculty and students to request items remotely and there is a direct link from databases to the Document Delivery form through *UM Links*.

The Libraries provides several avenues for those seeking assistance. Reference staff can be contacted in person, via Virtual Reference (interactive internet chat), by email, and by phone. The Criminology Liaison Librarian can be consulted in person (by appointment), by phone or by email. The Liaison Librarian can provide orientation to University of Manitoba Libraries' services and collections, either to groups or to individuals. The Libraries now provides a set of subject specific Library Guides, including one for Criminology. These can be consulted 24/7 for assistance on identifying and accessing library resources. Most library guides also include information on writing papers.

Although much of the collection is moving online, the Libraries continue to provide a location and space for those who need it. This includes both group study space and quiet study space. Elizabeth Dafoe Library, as the principal library supporting this subject area, provides access to two computer labs plus an information commons, where students can access online resources, print, email, copy and scan materials. The labs provide access to some specialized software, such as SPSS, Beyond 20/20 and GIS (geographic information systems) software. The Libraries are also setup for wireless access.

Of a more extended nature, writing tutors from the Learning Assistance Centre have been working in the Elizabeth Dafoe Library the last few years. Criminology students are free to contact other Liaison librarians if their topic is interdisciplinary (i.e. Psychology, Social Work, Law, etc.). In addition, criminology students are welcome at other University of Manitoba Libraries that might be relevant to their studies, such as the Law Library. Finally, the Libraries provide additional assistance for students with disabilities and for Distance Education students.

Report of the Senate Committee on Course and Curriculum Changes RE: Proposal for a Bachelor of Arts (Honours) in Criminology, Faculty of Arts

Preamble

1. The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) are found on the website at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.htm.
2. At its meeting of October 31, 2012, the SCCCC considered a proposal from the Faculty of Arts to establish a Bachelor of Arts (Honours) in Criminology, in the Department of Sociology.

Observations

1. The purpose of the proposed, four-year Bachelor of Arts (Honours) degree in Criminology would be "...to prepare graduates for careers in criminal justice research and policy-related occupations and to provide them with the academic training required to apply to more advanced graduate (MA and PhD) programs in criminology."
2. Another objective of the program is to address a gap in post-secondary training of criminologists in Manitoba. At present, students who want to undertake advanced undergraduate studies in criminology have the option to complete either a pre-Master's in Sociology, after graduating from the B.A. General degree in Criminology, or a B.A.(Hons.) in Sociology, which includes a minimal amount of additional training in criminology compared to the B.A. General degree. The Department of Sociology has observed that, in recent years, rather than pursuing either of these routes, students are electing to leave the province to pursue honours and graduate level study in this field.
4. Other Canadian universities offer Honours programs in Criminology. The proposed B.A.(Hons.) in Criminology would, however, be unique at post-secondary institutions in Manitoba. It would differ from an interdisciplinary Bachelor of Arts (Honours) in Criminal Justice offered through the Department of Criminal Justice at the University of Winnipeg in that it would approach criminology from a sociological perspective and would provide a strong grounding in sociological theory and research methods.
5. In order to graduate with a four-year B.A.(Hons.) in Criminology, students would be required to complete 120 credit hours of course work. The curriculum would focus on criminological research, program development, and policy analysis. Students would: have an opportunity to complete a greater number of 3000 – level criminology courses; be required to complete several advanced 3000 - and 4000 – level courses currently offered through the B.A.(Hons.) in Sociology; be required to complete SOC 4490 Advanced Seminar in Criminology, which would be developed specifically for the program.

6. It is anticipated that 10 – 15 students would enrol in the program each year. Demand for the program is expected to be strong. In a survey of students enrolled in Criminology courses in the 2012 Winter term, 68% of students who responded indicated that they would have enrolled in an honours program in Criminology if one had been offered by the Department.
7. Should demand for the program exceed the enrolment projection of 15 students per year, the Department indicated to the SCCCC that it might consider increasing the GPA required for registration in the program from 3.0 to 3.25. The Department, which has designed the program based on existing resources, is conscious that exceeding the projected enrolment would entail additional resources.
8. The introduction of a B.A.(Hons.) in Criminology is not expected to have a significant effect on enrolment in the B.A.(Hons.) in Sociology. As noted in observation 2, few students who wish to pursue advanced undergraduate studies in criminology register in the latter program. Implementation of the proposed program might, however, increase graduate enrolment, as students would no longer have to leave the province to pursue graduate studies in criminology.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate approve and recommend to the Board of Governors that it approve the establishment of a Bachelor of Arts (Honours) in Criminology in the Faculty of Arts.

Respectfully submitted,

Professor H. Frankel, Chair
Senate Committee on Curriculum and Course Changes

Report of the Senate Planning and Priorities Committee on a proposal to establish a Bachelor of Arts (Honours) in Criminology

Preamble:

1. The terms of reference of the Senate Planning and Priorities Committee (SPPC) are found on the website at http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.html wherein SPPC is charged with making recommendations to Senate regarding proposed academic programs.
2. The Faculty Council of the Faculty of Arts has approved, and recommends that Senate approve a proposal to establish a Bachelor of Arts (Honours) in Criminology.

Observations:

1. The purpose of the proposed, four-year Bachelor of Arts (Honours) degree in Criminology would be "...to prepare graduates for careers in criminal justice research and policy-related occupations and to provide them with the academic training required to apply to more advanced graduate (MA and PhD) programs in criminology."
2. The program would address a gap in post-secondary training of criminologists in Manitoba. Presently, students wanting to undertake advanced undergraduate studies in criminology at the University can either: (a) enrol in the B.A. (Hons.) in Sociology, which provides a minimal amount of additional training in criminology beyond what is acquired by completing the three-year B.A. General degree in this area; or (b) complete the B.A. General degree in Criminology plus one year in the pre-Master's program in Sociology. Very few students take either option, electing instead to pursue graduate studies outside of Manitoba after completing a B.A. General degree in Criminology.

The Department of Criminal Justice at the University of Winnipeg offers an interdisciplinary Bachelor of Arts (Honours) in Criminal Justice. The proposed B.A.(Hons.) in Criminology would differ from this program in that it would approach criminology from a sociological perspective and would provide a strong grounding in sociological theory and research methods.

3. The SPPC observed that the program is consistent with the research interests of the core of some of the Department of Sociology's most productive and highly regarded scholars, some of whom have established national and international reputations in their fields.
4. No new resources would be required to offer the B.A.(Hons) in Criminology. Existing teaching, administrative staff, and library resources, computer facilities, and classroom / study space are sufficient to support the program.
5. The curriculum has been designed to use existing courses. One new 3 credit hour course (SOC 4490 Advanced Seminar in Criminology) would be created for the program and would be taught by tenured faculty in the Department on a rotational basis.

6. It was noted that the cost of delivering the new 3 credit hour course, should it be necessary at some point to hire an additional instructor, would be relatively minor (approximately \$5,000). The SPPC was satisfied that the Department would have sufficient resources to cover this cost using an annual allocation of top-up funds it receives from Distance and Online Education.
7. The SPPC observed that tuition revenue, as described in section 8.3 of the proposal, would be retained centrally rather than being allocated to the Department.
8. There is strong student demand for the program. Sixty-eight percent (68%) of students enrolled in Criminology courses, who participated in an in-class survey in the 2012 Winter Term, indicated they would have considered registering in an Honours program in Criminology had one been available. The survey results are consistent with data that show that, of the two majors offered by the Department, Criminology has, historically, been more popular than Sociology. Over the last fifteen years, 3,456 students have majored in Criminology and 2,726 in Sociology. The Criminology major is the fifth-most subscribed major program offered within the Faculty of Arts.
9. Projected enrolment is estimated to be 40 - 60 students, with an intake of 10 – 15 students each year. The SPPC observed that, if demand for the program exceeds the projections, it would be necessary to limit the intake of students each year to 15 given that no new resources are being sought for the program.
10. On the basis of the SPPC's criteria for assigning priority to new programs / initiatives,¹ the Committee recommends that a high priority level be assigned to the proposal for a B.A.(Hons.) degree in Criminology, as the proposed program: is consistent with the strategic academic and/or research plans of the unit making the proposal; promotes student success and addresses student needs; addresses the need to promote the social, economic and cultural well-being of the people of Manitoba.

Recommendation

The Senate Planning and Priorities Committee recommends THAT:

Senate approve and recommend to the Board of Governors that it approve the proposal to establish a Bachelor of Arts (Honours) in Criminology in the Faculty of Arts. The Senate Committee on Planning and Priorities recommends that the Vice-President (Academic) not implement the program until satisfied that there would be sufficient existing space and sufficient existing resources in the budget of the Faculty of Arts to support the ongoing operation of the program.

Respectfully submitted,

Ada Ducas, Chair
Senate Planning and Priorities Committee

¹ http://umanitoba.ca/admin/governance/media/SPPC_Assigning_Priorities_to_New_Programs-Initiatives.pdf

Report of the Senate Committee on Admissions concerning a proposal from the Faculty of Education to delete the statement of interest in teaching from the admission process (2012.11.01)

Preamble:

1. The terms of reference for this committee can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm.
2. The Faculty of Education is proposing that the statement of interest in teaching be deleted from the admission process; this change if approved would be effective for the 2013-14 intake.
3. This proposal was approved by the Committee on Initial Teacher Education and Preparation (CITEP) on October 15, 2012 and subsequently by Faculty of Education Council on October 22, 2012. The proposal was then approved by SCADM on November 1, 2012.

Observations:

1. The teaching statement is a written component in response to an open-ended question which is completed by applicants as part of the admissions process and historically was used during the interview process.
2. While the teaching statements have continued to be reviewed and stored in a confidential nature, they are not weighted as part of the admissions process and as interviews are no longer a part of the application process, collecting teaching statements is no longer necessary.

Recommendation:

The Senate Committee on Admissions recommends to Senate that the statement of interest in teaching be deleted from the admission process in the Faculty of Education effective for the 2013-14 intake.

Respectfully submitted,
Susan Gottheil, Chair, Senate Committee on Admissions


Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

DATE: November 5, 2012

TO: Shannon Coyston, Office of the University Secretary,
312 Administration Building

FROM: John (Jay) Doering
Vice-Provost (Graduate Education) & Dean of Graduate Studies

SUBJECT: **Program and Curriculum Changes for the Department of
Canadian Studies (Université de Saint-Boniface), and the
Faculty of Nursing.**



The Faculty of Graduate Studies met on Wednesday, October 31, 2012 and endorsed the program and curriculum changes for:

1. Université de Saint-Boniface, Department of Canadian Studies Master of Arts program: reestablishment of the Comprehensive Examination option.
2. Faculty of Nursing, Master of Nursing program, Nurse Practitioner (NP) stream: curriculum revisions.

We are now forwarding the proposals to Senate for approval.

(Please see attached report)

/py

Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on October 31, 2012 to consider proposals from The Department of Canadian Studies (Université de Saint-Boniface), and the Faculty of Nursing.

Observations:

1. **The Université de Saint-Boniface (USB) Master of Arts in Canadian Studies** proposes the reestablishment of the Comprehensive Examination option.

The Graduate Program Reviewers of the on-line Master's program in 2008 specifically recommended that "[USB] explore the feasibility of reactivating the comprehensive examination option ... In our opinion, although this alternative differs from the 'thesis' option, it does not, as such, diminish the program's quality and scope. This option could open up other career possibilities." (Churchill, Cap & Harvey 2009, pg. 16)

Several of the M.A. Canadian Studies students are engaged in full time careers which leaves them little opportunity for the research and production of a thesis. They would prefer being able to enrol in a program designed for professionals in which they could be involved as part time students and register for more course and benefit from a more "structured" environment.

Presently, the Master of Arts in Canadian Studies offers a thesis option, which consists of 18 credit hours of coursework and a thesis. The Comprehensive Examination option is proposed to consist of the same 18 credit hours of coursework as under the thesis option, plus 12 additional credit hours (total = 30 credit hours) and comprehensive exam.

The comprehensive exam will be divided into two component parts: 1) a written literature review on a topic agreed upon by the student and the student's advisor; and 2) an oral presentation about the selected topic. The main goal of the exam is for students to demonstrate an understanding of relevant theories, as well as the ability to apply critical analysis in the identification and application of knowledge in the context of a specialization or selected topic.

The additional 12 credit hours of coursework under the Comprehensive Exam option are proposed as four new courses, the descriptions for which follow below.

The Comprehensive Examination option was not viable until now due to the lack of elective courses to sustain the option and the limited availability of financial and human resources.

Students will have an advisor under the Comprehensive Examination who will be appointed as soon as the student is accepted into the program.

Students will be given the option to choose either the thesis or comprehensive examination route after having completed the first 12 credit hours of coursework.

Course Introductions

CDSB 7051 Francophonies canadiennes et internationales +3

Ce cours en ligne explore l'émergence de la francophonie institutionnelle et le rôle du Canada dans ce processus. Il traite des enjeux sociaux, culturels, économiques et politiques de la francophonie à l'échelle régionale, nationale et internationale ainsi que des défis contemporains de la francophonie dans le contexte de la mondialisation, des enjeux identitaires et socioéconomiques chez les francophones en situation minoritaire.

CDSB 7061 Peuples autochtones du Canada: Amérindiens, Inuit et Métis +3

Ce cours en ligne permettra de saisir la diversité des peuples autochtones du Canada, de comprendre les défis auxquels ils font face et d'analyser les rapports qu'ils entretiennent avec les autres composantes de la société canadienne et le reste du monde. L'accent sera mis sur leurs aspirations, leurs perspectives, leurs revendications, leurs réussites et leur contribution à la formation de l'identité canadienne.

CDSB 7071 L'État canadien: mondialisation et flux migratoires +3

Ce cours en ligne propose une approche interdisciplinaire pour étudier les enjeux multiples qui entourent le sujet des flux migratoires au Canada dans le contexte de la mondialisation de l'économie et des communications. Il s'agira également de saisir l'histoire des phénomènes migratoires en tenant compte des facteurs politiques, économiques et sociaux et d'explorer les effets de l'immigration sur les expressions culturelles (arts et littérature).

CDSB 7081 Droits de la personne et histoire sociale au Canada +3

Ce cours en ligne propose une approche interdisciplinaire qui permettra de saisir les enjeux sociaux, culturels, économiques et politiques qui jalonnent l'histoire de la reconnaissance et de l'exercice des droits de la personne dans la société canadienne. La reconnaissance et l'exercice des droits de la personne, plus particulièrement au Canada, seront abordés dans la perspective de leur impact social tout au long de cette évolution.

- The Faculty of Graduate Studies Programs and Planning Committee met on March 9, 2012 and unanimously endorsed the proposal for the Department of Canadian Studies (Université de Saint-Boniface).
 - The Faculty of Graduate Studies Executive Committee met on April 23, 2012 and unanimously endorsed the proposal for the Department of Canadian Studies (Université de Saint-Boniface).
2. The Faculty of Nursing proposes a revised curriculum for the **Master of Nursing program, Nurse Practitioner (NP) stream**. The College of Registered Nurses (CRNM) CRNM program review in 2008 identified the need for a curriculum review that would ensure the unity of expert NP education, knowledge and the evolution of the NP role in Canada. Students currently in the NP stream of the graduate program will be reviewed individually to ascertain whether they will remain in the current curriculum or be moved to the revised curriculum, once it is approved.

Since the inception of the NP stream in the Faculty of Nursing Master's Program in 2000, the NP role, advanced practice education, and health care systems have advanced considerably. The challenge for the Faculty of Nursing is to provide in-depth knowledge so that graduates may assume specific advanced practice nursing roles.

The model chosen as an organizing framework for the NP curriculum is the Strong Model of Advanced Nursing Practice (Strong model), with adaptations (see Figure 1).

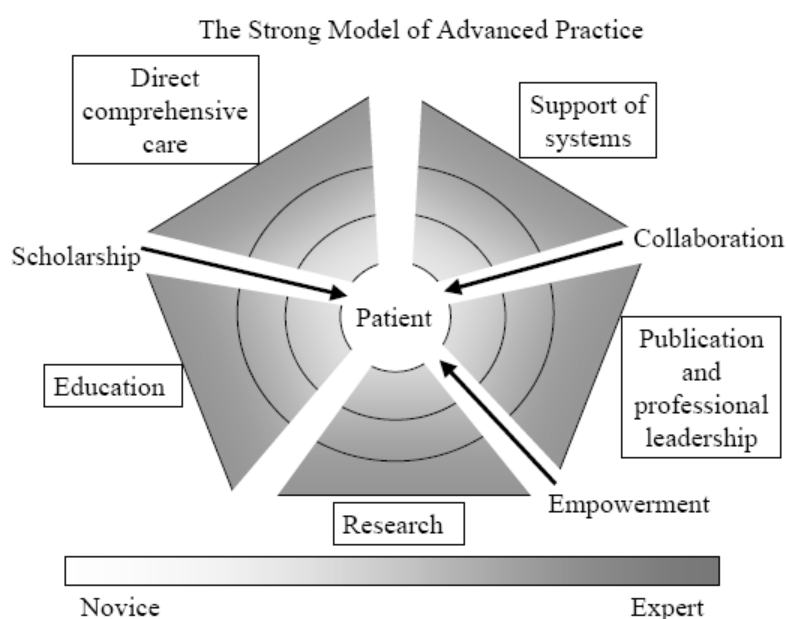


Figure 1 Adapted from Strong Model of Advanced Nursing Practice (Ackerman et al., 1996).

The unifying concepts that are germane to the Strong model provide structure for advanced nursing practice. Empowerment, scholarship, and collaboration are represented as circular and continuous threads that permeate domains of practice (Ackerman et al., 1996). The concepts envelop each domain and are necessary elements for making individual practice areas operational (Ackerman et al.). The unifying threads influence each of the domains of advanced nursing practice.

The proposal consists of a 45 credit hour program, 39 credit hours of which are new course proposals. Presently, the NP stream required 36 credit hours. Separate pass/fail courses have been created to account for the clinical components of the program, a requirement totalling 712 clinical hours. The revised program is proposed to be completed by students in two years (fall, winter & summer terms).

The proposed courses are based on the Strong model for advanced nursing practice, the context, and processes of teaching and learning. Through immersion in the courses, NP graduate students will meet the outcomes as described in the model. The NP curriculum is course based with extensive clinical requirements in which students demonstrate advanced clinical skills.

The NP curriculum proposal must be approved by the College of Registered Nurses of Manitoba (CRNM), the provincial nursing regulatory body which governs entry to practice through approval of the curriculum and licensure examinations. The *Competencies for Nurse Practitioners in Manitoba* (approved by the CRNM Board of Directors September, 2011) were reviewed to ensure that these competencies are embedded into the NP curriculum. As well, the Associate Dean of Nursing and NP faculty met with representatives from CRNM to establish a review process which will ensure that all NP students graduating from the MN program are eligible for the licensing examinations.

A transition plan for all current students, as well as students admitted in September 2012, was considered. All students currently enrolled in the NP stream of the MN program were reviewed to identify what courses each student will require prior to December 31, 2014. The majority of the students will complete the NP program by July, 2014 and be eligible to write the licensing examinations in October of that year. However, there are five students who will have to consider options for completion of the NP program. These five students were contacted by email in February, 2012 to notify them that the NP curriculum was changing. Each of these five students will meet in April with the Associate Dean, Graduate Programs, the Student Advisor, Graduate Programs, and her faculty advisor to consider her options for program completion. Deletion of the old NP course will be forthcoming once students no longer have the option to choose the old curriculum.

Course Introductions

NURS 7400 Introduction to Advanced Nursing Practice +3

This course will provide an overview of the Nurse Practitioner curriculum with a focus on core content, concepts, and design of learning activities. This course is graded pass/fail.

NURS 7410 Advanced Health Assessment & Diagnostic Reasoning +2

This course develops advanced health assessment and critical thinking skills required of advanced practice as a nurse practitioner. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7420 Clinical Practice 1 +1

Within the Nurse Practitioner scope of practice, this clinical course focuses on advanced nursing practice assessment of clients of all ages in a primary care setting. This course is graded pass/fail. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice. Pre- or co-requisite: NURS 7410 Advanced Health Assessment & Diagnostic Reasoning.

NURS 7430 Nurse Practitioner 1 +6

Within the Nurse Practitioner scope of practice, this course is focused on health issues related to individuals of all ages presenting with an HEENT (head, ears, eyes, nose and throat), respiratory system, and cardiovascular system problems in a primary care setting. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7440 Clinical Practice 2 +3

Within the Nurse Practitioner scope of practice, this clinical course focuses on advanced nursing practice with clients who are experiencing health problems related to the HEENT, respiratory and cardiovascular systems. Course is graded pass/fail. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice and NURS 7420 Clinical Practice 1.

NURS 7450 Nurse Practitioner 2 +5

Within the Nurse Practitioner scope of practice, this course is focused on health issues related to individuals of all ages presenting with reproductive, hematological, and genitourinary/renal system problems in a primary care setting. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7460 Community Health: Key Components for Nurse Practitioners +1

This course furthers theoretical and practical knowledge of key components of community health within primary care. The emphasis of this course is on the community as client. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7470 Nurse Practitioner 3 **+5**

Within the Nurse Practitioner scope of practice, this course is focused on health issues related to individuals of all ages presenting with neurology, metabolic, and gastro-intestinal problems in a primary care setting. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7480 Clinical Practice 3 **+4**

Within the Nurse Practitioner scope of practice, this clinical course focuses on advanced nursing practice with clients who are experiencing health problems related to the gastrointestinal, hematology, genitourinary/renal, neurology, metabolic, and reproductive systems. Course is graded pass/fail. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice and NURS 7440 Clinical Practice 2.

NURS 7490 Nurse Practitioner 4 **+5**

Within the Nurse Practitioner scope of practice, this course is focused on health issues related to individuals of all ages presenting with musculoskeletal, dermatological and mental health problems in a primary care setting. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice.

NURS 7500 Clinical Practice 4 **+4**

Within the Nurse Practitioner scope of practice, this clinical course focuses on advanced nursing practice with clients who are experiencing health problems related to musculoskeletal, dermatological and mental health issues. Course is graded pass/fail. Pre-requisite: NURS 7400 Introduction to Advanced Nursing Practice and NURS 7480 Clinical Practice 3.

NET CHANGE IN CREDIT HOUR **+39**

- The Faculty of Graduate Studies Programs and Planning Committee met on September 12, 2012 and unanimously endorsed the proposal for the Faculty of Nursing.
- The Faculty of Graduate Studies Executive Committee met on October 16, 2012 and unanimously endorsed the proposal for the Faculty of Nursing.

Recommendations

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated October 31, 2012] regarding the Department of Canadian Studies (Université de Saint-Boniface)., and the Faculty of Nursing.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council
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Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.