

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, December 4, 2013
1:30 p.m.

A G E N D A

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate Committee on Honorary Degrees [November 19, 2013]

The report 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 ELECTION OF SENATE REPRESENTATIVE

1. To the Senate Executive Committee Page 3

III MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Proposed Academic Schedule for 2014-2015 Page 4

2. Report of the Senate Committee on Curriculum and Course Changes on Course and Program Changes Page 23

IV MATTERS FORWARDED FOR INFORMATION

1. Report of the Senate Committee on Awards [October 29, 2013] Page 123

V REPORT OF THE PRESIDENT Page 129

VI 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.

VII CONSIDERATION OF THE MINUTES OF THE MEETING OF NOVEMBER 6, 2013

VIII BUSINESS ARISING FROM THE MINUTES - none

**IX REPORTS OF THE SENATE EXECUTIVE COMMITTEE
AND THE SENATE PLANNING AND PRIORITIES COMMITTEE**

- | | | |
|----|--|----------|
| 1. | <u>Report of the Senate Executive Committee</u> | Page 143 |
| 2. | <u>Report of the Senate Planning and Priorities Committee</u> | |

The Chair will make an oral report of the Committee's activities.

**X REPORTS OF OTHER COMMITTEES OF SENATE,
FACULTY AND SCHOOL COUNCILS**

- | | | |
|----|---|----------|
| 1. | <u>Report of the Senate Committee on Instruction and Evaluation RE: Review of Special Students, Faculty of Environment, Earth, and Resources</u> | Page 144 |
| 2. | <u>Report of the Senate Committee on University Research RE: Closure of Disaster Research Institute</u> | Page 148 |
| 3. | <u>Report of the Senate Committee on Curriculum and Course Changes RE: Closure of the Bachelor of Medical Rehabilitation Programs in Occupational Therapy and Physical Therapy</u> | Page 150 |
| 4. | <u>Reports of the Faculty Council of Graduate Studies on Program and Curriculum Changes</u> | |
| | a) <u>RE: Revised M.Sc. and Ph.D. in Management</u> | Page 152 |
| | b) <u>RE: Revised Master of Business Administration Program</u> | Page 156 |
| | c) <u>RE: Revised M.Sc. and Ph.D. in Physiology</u> | Page 185 |
| | d) <u>RE: Closure of M.Sc. and Ph.D. Programs in Genetics and M.Sc. in Psychiatry</u> | Page 186 |

XI ADDITIONAL BUSINESS - none

XII ADJOURNMENT

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

Election of a Senate Representative to the Senate Executive Committee

A member of Senator elected by a faculty/school council needs to be appointed for a one-year term as a replacement for Professor Mark Gabbert who will be on leave from January 1, 2014 to December 31, 2014.

- (a) Eligible for election are members of Senate elected by faculty/school councils.
- (b) Elected members of Senate (8) currently serving on the Senate Executive Committee are:

| | | |
|-------------------------|--------------------------|------|
| Prof. Mark Gabbert | (Arts) | 2014 |
| Prof. Arlene Young | (Arts) | 2014 |
| Prof. Emily Etcheverry | (Medical Rehabilitation) | 2015 |
| Prof. Diana McMillan | (Nursing) | 2015 |
| Prof. Mary Brabston | (Management) | 2015 |
| Prof. Peter Blunden | (Science) | 2015 |
| Prof. John Anderson | (Science) | 2016 |
| Prof. Joanna Asadoorian | (Dentistry) | 2016 |

Procedures:

- (a) Nominations for the position shall be received from the floor.
- (b) Senators shall vote for one candidate on the ballot provided.
- (c) The candidate receiving the largest number of votes shall be elected.
- (d) In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

MEMO

REGISTRAR'S OFFICE

Room 400 University Centre

PH: 474-9425



UNIVERSITY
OF MANITOBA

Date: November 12, 2013

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 2014-2015

The attached proposed 2014-2015 Academic Schedule has been updated based on changes in days and/or dates to conform to the 2014 and 2015 calendars, along with revised information received from academic units. The proposed schedule has been reviewed by all Faculties and Schools. The format of the Academic Schedule has also been revised for primary publication on the website and to more clearly distinguish information that applies to students in most faculties and schools and information for specific programs. Please note the following:

1. Faculty of Graduates Studies dates related to internal thesis distribution, previously included on the Academic Schedule, will be published on the Faculty of Graduate Studies website and are not included on the 2014-2015 Academic Schedule.
2. Labour Day in 2014 is September 1; therefore New Student Orientation will take place on Tuesday, September 2 and Wednesday, September 3 (see Section 1.2.1). **Classes in most faculties and schools will begin on Thursday, September 4 and end on Wednesday, December 3** (see Section 1.2.2).
3. There are two statutory holidays in the 2014 Fall Term: Thanksgiving Day, Monday, October 14 and Remembrance Day, Tuesday, November 11 (see Section 1.1.1).
4. There are 63 days available for instruction in Fall Term.
5. The 2014 December Examination Period will be from **Monday, December 8** through **Friday, December 19** (see Section 1.2.6).
6. The university will re-open after the Christmas Break on Monday, January 5, 2015. The Winter Term will commence on Tuesday, January 6, 2015 (see Section 1.2.2).
7. There are two statutory holidays in the 2015 Winter Term: Louis Riel Day on Monday, February 16 and Good Friday on April 3. (see Section 1.1.1).
8. Mid-Term Break in 2015 is February 16 - 20, which is the seventh week of Winter Term. This coincides with the week that Louis Riel Day falls on (Feb. 16) . (see Section 1.2.5).
9. There are 63 days available for instruction in Winter Term.
10. The 2015 April Examination period will be from Monday, April 13 through Monday, April 27 (see Section 1.2.6).

11. As approved previously by Senate, the deadline for Voluntary Withdrawal is the 48th teaching day of the term. In 2014-2015 these dates are Wednesday, November 12, 2014 for Fall Term courses and Thursday, March 19, 2015 for Winter Term and Fall/Winter Term (spanned) courses (see Section 1.2.3).

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 1.2.9) will be held as follows:

- | | |
|---|----------------------------------|
| ▪ Fall Convocation | October 22 & 23, 2014 |
| ▪ Agriculture Diploma Convocation (1.3.7) | May 1, 2015 |
| ▪ Medicine Convocation (1.7.5) | May 14, 2015 |
| ▪ Spring Convocation | May 26, 27 & 28, 2015 |
| ▪ Universite de Saint-Boniface Convocation | June 1, 2015 |

In addition to Convocation ceremonies, the Annual traditional Graduation Pow Wow in honour of Aboriginal students will be held on Saturday, May 2, 2015

13. Dates on the attached schedule presented as information include: Fee Payment deadlines determined by Financial Services (see Section 1.2.4), deadlines to apply for graduation (Section 1.2.9), and items listed under Section 1.14: Other University Special Events.

Encl.

2014-2015 Academic Schedule

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

Additional Important Date information for Faculty of Graduate Studies students is available at umanitoba.ca/faculties/graduate_studies/deadlines/index.html.

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Section 1: Dates for Fall/Winter Session

This section includes information for Fall and Winter Terms. Summer Session information, including information specific to Distance and Online Education classes offered over Summer Session, is included in Section 3 of the Academic Schedule.

1.1 Dates applicable to all U of M students:

1.1.1 University Closure

When the University is closed no classes/examinations will be held.

| | |
|--------------------------------------|-------------------------------|
| Canada Day (Holiday Observed) | July 1, 2014 |
| Civic Holiday | Aug. 4, 2014 |
| Labour Day | Sept. 1, 2014 |
| Thanksgiving Day | Oct. 13, 2014 |
| Remembrance Day | Nov. 11, 2014 |
| Winter Holiday | Dec. 24, 2014 to Jan. 4, 2015 |
| Louis Riel Day | Feb. 16, 2015 |
| Good Friday | Apr. 3, 2015 |
| Victoria Day | May 18, 2015 |

1.2 Dates applicable to most U of M students:

*Faculties, schools and/or programs may have other important dates and deadlines that are not included in the Academic Schedule. Some additional or differing date information is included separately for the following faculties, schools and/or programs: **Agriculture Diploma, Dentistry (includes IDDP), Dental Hygiene, Law, Medicine, Nursing, Occupational Therapy, Pharmacy, Physical Therapy, Respiratory Therapy, and Social Work**. Students in these programs should also see their respective section of the Academic Schedule.*

1.2.1 Orientation

Additional or differing dates exist for the following faculties, schools and/or programs: Agriculture Diploma, IDDP, Medicine, Nursing, Occupational Therapy, Pharmacy, Physical Therapy, Respiratory Therapy, and Social Work. Students in these programs should also see their respective section of the Academic Schedule.

Head Start

| | |
|------------------------------------|--------------|
| For prospective 2014-2015 students | June 7, 2014 |
| For prospective 2015-2016 students | June 6, 2015 |

New Student Orientation

| | |
|---|--------------------|
| Fall Term, Fort Garry Campus | Sept. 2 to 3, 2014 |
| Winter Term, Fort Garry Campus | Jan. 6, 2015 |
| Faculty of Agricultural & Food Sciences Year 1 | Sept. 3, 2014 |
| School of Art | Sept. 2 to 3, 2014 |

| | |
|---|-----------------|
| Asper School of Business | |
| Year 1 student welcome luncheon | Sept. 2, 2014 |
| Year 1 CSA orientation and Barbeque | Sept. 3, 2014 |
| Faculty of Education | |
| Year 1 and Year 4 Integrated | Aug. 28, 2014 |
| Education, Year 2 and Year 5 Integrated | Aug. 27, 2014 |
| Faculty of Engineering | Sept. 2-3, 2014 |
| Faculty of Human Ecology – New student information session | Sept. 3, 2014 |
| Marcel A. Desautels Faculty of Music | Sept. 2, 2014 |

1.2.2 Start and End Dates

Additional or differing dates exist for the following faculties, schools and/or programs: Agriculture Diploma, Dental Hygiene, Dentistry, Law, Medicine, Nursing, Occupational Therapy, Pharmacy, Physical Therapy, Respiratory Therapy, and Social Work. These students should also see their respective section of the Academic Schedule.

| | |
|---|-------------------------|
| Fall Term | Sept. 4 to Dec. 3, 2014 |
| Winter Term | Jan. 6 to Apr. 10, 2015 |
| Winter Term/Summer Session Distance and Online Education classes | Jan. 6 to July 3, 2015 |

1.2.3 Registration and Withdrawal Dates

Additional or differing dates exist for the following faculties, schools and/or programs: Agriculture Diploma, Education, Law and other faculties and/or schools offering irregularly scheduled courses. Agriculture Diploma program and Law students should also see their respective section of the Academic Schedule. Education students are also referred to the Class Schedule. All others should also refer to either: the 100% Refund and Voluntary Withdrawal deadline information posted on the Registrar's Office website in June, or the Class Schedule.

Regular Registration Period

| | |
|--|--------------------|
| Fall Term and Fall/Winter Term classes | Ends Sept. 3, 2014 |
| Winter Term classes | Ends Jan. 5, 2015 |
| Winter Term/Summer Session classes | Ends Jan. 5, 2015 |

Late Registration/Registration Revision Period

A financial penalty may be assessed for late registrations. Students may use this period of time to make changes to their selected courses or class schedule.

| | |
|--|---------------------|
| Fall Term and Fall/Winter Term classes | Sept. 4 to 17, 2014 |
| Winter Term classes | Jan. 6 to 19, 2015 |
| Winter Term classes and Winter Term/Summer Session Distance and Online Education courses | Jan. 6 to 19, 2015 |

Last Date to Register/Registration Revision Deadline

Last date to drop and have class excluded from transcripts; VWs will be recorded on transcripts for classes dropped after this date.

| | |
|--|----------------|
| Fall Term and Fall/Winter Term classes | Sept. 17, 2014 |
| Winter Term classes | Jan. 19, 2015 |
| Winter Term classes and Winter Term/Summer Session Distance and Online Education courses | Jan. 19, 2015 |

Voluntary Withdrawal (VW) deadline

Last date to withdraw and not receive a final grade; students cannot withdraw from courses dropped after this date.

| | |
|--|---------------|
| Fall Term classes | Nov. 12, 2014 |
| Winter Term and Fall/Winter Term classes | Mar. 19, 2015 |
| Winter Term/Summer Session Distance and Online Education courses | June 8, 2015 |

1.2.4 Fee Deadlines

Fee Payment Deadline (including first instalment payment)

A financial penalty will be assessed on accounts with an outstanding balance after this date. Additional or differing dates exist for Agriculture Diploma program students. Students in this program should also see their respective section of the Academic Schedule.

| | |
|-------------|----------------|
| Fall Term | Sept. 10, 2014 |
| Winter Term | Jan. 13, 2015 |

Registration Revision Deadline

Last date to withdraw and have some fees removed from fee assessment. Additional or differing dates exist for Agriculture Diploma program students. Students in this program should also see their respective section of the Academic Schedule.

| | |
|--|----------------|
| Fall Term and Fall/Winter Term classes | Sept. 17, 2014 |
| Winter Term classes and Winter Term/Summer Session Distance and Online Education classes | Jan. 19, 2015 |

1.2.5 Mid-Term Break

Feb. 16 to 20, 2015

Academic and administrative offices will be open during this period, but there will be no classes/examinations held for students. Additional or differing dates exist for the following faculties, schools and/or programs: Dentistry, Medicine, Occupational Therapy, Physical Therapy. Students in these programs should also see their respective section of the Academic Schedule.

1.2.6 Examination and Test Dates

Students are reminded that they must remain available until all examination and test obligations have been fulfilled. Additional or differing dates exist for the following faculties, schools and/or programs: Agriculture Diploma, Dental Hygiene, Dentistry, Law, Medicine, and Pharmacy. Students in these programs should also see their respective section of the Academic Schedule.

| | |
|---|---------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 8 to 19, 2014 |
| Winter Term (includes final exams for Fall/Winter Term classes) | Apr. 13 to 27, 2015 |
| Off-Campus Exam Application Deadline for Distance and Online Education Students: | |
| Fall Term (includes tests and midterm exams for Fall/Winter Term courses) | Oct. 1, 2014 |
| Winter Term (includes final exams for Fall/Winter Term classes) | Feb. 2, 2015 |

1.2.7 Challenge for Credit, Supplemental Examinations and Other Tests

This information is only for those faculties and schools that extend supplemental examination privileges. Additional or differing dates exist for Agriculture Diploma students; these students should also see their respective section of the Academic Schedule.

Supplemental Examination application deadline:

| | |
|--------------------------------------|--------------|
| For autumn supplemental examinations | July 2, 2014 |
|--------------------------------------|--------------|

| | |
|---|------------------------------|
| Challenge for Credit application deadline: | |
| For classes offered Fall Term 2014: | Sept. 17, 2014 |
| For classes offered Winter Term 2015: | Jan. 19, 2015 |
| For June 2015 series: | Apr. 24, 2015 |
| Language Reading Tests for Graduate Students | Aug. 30, 2014; Mar. 28, 2015 |

1.2.8 Final Grade Appeal Periods

| | |
|---|------------------------|
| For final grades received for Fall Term 2014 classes | Jan. 6 to 26, 2015 |
| For final grades received for Winter Term 2015 and Fall 2014/Winter 2015 classes | May 19 to June 8, 2015 |

1.2.9 Graduation and University Convocation

Degrees, Diplomas and Certificates will be awarded at Convocation. Graduation date may differ from Convocation Ceremony date. Additional or differing dates exist for the following faculties, schools and/or programs: Agriculture Diploma, and Medicine. Students in these programs should also see their respective section of the Academic Schedule.

For students graduating Fall 2014:

| | |
|---|---------------------|
| Deadline to apply online to graduate <i>for most Undergraduate students</i> | July 30, 2014 |
| Faculty of Graduate Studies Submission Deadline* | Aug. 21, 2014 |
| Convocation Ceremony (Fort Garry Campus) | Oct. 22 to 23, 2014 |

For students graduating February 2015:

| | |
|---|--------------------|
| Deadline to apply online to graduate <i>for most Undergraduate students</i> | Sept. 17, 2014 |
| Faculty of Graduate Studies Submission Deadline* | Jan. 5, 2015 |
| Graduation date for students graduating in February | Feb. 4, 2015 |
| Convocation Ceremony (Fort Garry Campus) | May 26 to 28, 2015 |

For students graduating Spring 2015:

| | |
|---|--------------------|
| Deadline to apply online to graduate <i>for most Undergraduate students</i> | Jan. 19, 2015 |
| Faculty of Graduate Studies Submission Deadline* | Apr. 1, 2015 |
| Convocation Ceremony (Fort Garry Campus) | May 26 to 28, 2015 |
| Université de Saint-Boniface Convocation Ceremony | June 1, 2015 |

Faculty of Graduate Studies Submission Deadline for

| | |
|--|---------------|
| students graduating Fall 2015:* | Aug. 20, 2015 |
|--|---------------|

| | |
|--|-------------|
| Annual traditional Graduation PowWow in honour of Aboriginal students | May 2, 2015 |
|--|-------------|

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

1.3 Dates applicable to Agriculture Diploma:

1.3.1 Orientation

Sept. 17, 2014

1.3.2 Start and End Dates

Fall Term

Sept. 22 to Dec. 5, 2014

Winter Term

Jan. 6 to Mar. 27, 2015

1.3.3 Registration and Withdrawal Dates

Regular Registration Period

Fall Term and Fall/Winter Term classes

Ends Sept. 19, 2014

Winter Term classes

Ends Jan. 5, 2015

Late Registration/Registration Revision Period

A financial penalty may be assessed on late registrations. Students may use this period of time to make changes to their selected courses or class schedule.

Fall Term and Fall/Winter Term classes

Sept. 22 to Oct 1., 2014

Winter Term classes

Jan. 6 to 19, 2015

Last Date to Register/Registration Revision Deadline

Last date to drop and have class excluded from transcripts; VWs will be recorded on transcripts for classes dropped after this date.

Fall Term and Fall/Winter Term classes

Oct. 1, 2014

Winter Term classes

Jan. 19, 2015

Voluntary (VW) Withdrawal deadline

Last date to withdraw and not receive a final grade; students cannot withdraw from classes after this date.

Fall Term classes

Nov. 18, 2014

Winter Term and Fall/Winter Term classes

Mar. 9, 2015

1.3.4 Fee Deadlines

Fee Payment Deadline (including first instalment payment)

A financial penalty will be assessed on accounts with an outstanding balance after this date.

Fall Term

Sept. 19, 2014

Winter Term

Jan. 13, 2015

Registration Revision Deadline

Last date to withdraw and have fees removed from fee assessment; a credit will be granted for applicable fees that have already been paid.

Fall Term and Fall/Winter Term classes

Oct. 1, 2014

Winter Term classes

Jan. 19, 2015

1.3.5 Examination and Test Dates

| | |
|--|-------------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 8 to 15, 2014 |
| Winter Term (includes final exams for Fall/Winter Term classes) | Mar. 30 to Apr. 6, 2015 |

1.3.6 Challenge for Credit and Supplemental Examinations and Tests

Supplemental Examination application deadline:

| | |
|--|---------------|
| Fall Term 2014 | Jan. 5, 2015 |
| Winter Term 2015 (for graduating students) | Apr. 14, 2015 |
| Winter Term 2015 (for non-graduating students) | May 26, 2015 |

Supplemental Examination dates:

| | |
|--|---------------|
| Fall Term 2014 | Jan. 7, 2015 |
| Winter Term 2015 (for graduating students) | Apr. 20, 2015 |
| Winter Term 2015 (for non-graduating students) | June 1, 2015 |

Challenge for Credit application deadline:

| | |
|---------------------------------------|----------------|
| For classes offered Fall Term 2014: | Sept. 17, 2014 |
| For classes offered Winter Term 2015: | Jan. 19, 2014 |
| For June 2015 series: | Apr. 24, 2015 |

1.3.7 School of Agriculture Convocation

1.4 Dates applicable to Dental Hygiene:

1.4.1 Start and End Dates

Year 2

| | |
|---------------------|--------------------------|
| Fall Term | Aug. 18 to Nov. 28, 2014 |
| Winter Term Classes | Jan. 5 to Apr. 2, 2015 |
| Winter Term Clinic | Jan. 5 to Apr. 2, 2015 |

Year 3

| | |
|---------------------|--------------------------|
| Fall Term Classes | Aug. 11 to Nov. 28, 2014 |
| Fall Term Clinics | TBA to Dec. 5, 2014 |
| Winter Term Classes | Jan. 5 to Apr. 2, 2015 |
| Winter Term Clinics | Jan. 5 to Apr. 17, 2015 |

1.4.2. Examination and Test Dates

Year 2

| | |
|---|--------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 1 to 12, 2014 |
| Winter Term | Apr. 6 to 10, 2015 |

Year 3

| | |
|---|--------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 8 to 12, 2014 |
| Winter Term | Apr. 6 to 10, 2015 |

1.5 Dates applicable to Dentistry:

1.5.1 International Dentist Degree Program (IDDP)

| | |
|--------------------|---------------|
| Year 1 Orientation | May-June 2014 |
| On-Site Assessment | TBA |

1.5.2 Start and End Dates

Years 1 and 2

| | |
|---------------------|--------------------------|
| Fall Term Classes | Aug. 11 to Nov. 28, 2014 |
| Winter Term Classes | Jan. 5 to May 1, 2015 |
| Winter Term Clinics | Jan. 5 to May 1, 2015 |

Year 3

| | |
|---------------------|-------------------------|
| Fall Term Classes | Aug. 5 to Nov. 28, 2014 |
| Fall Term Clinic | TBA to Dec. 5, 2014 |
| Winter Term Classes | Jan. 5 to May 1, 2015 |
| Winter Term Clinics | Jan. 5 to May 1, 2015 |

Year 4

| | |
|----------------------------|-------------------------|
| Fall Term Classes | Aug. 5 to Dec. 5, 2014 |
| Fall Term Clinic | TBA to Dec. 12, 2014 |
| Winter Term (most classes) | Jan. 5 to 9, 2015 |
| Winter Term Clinics | Jan. 5 to Apr. 24, 2015 |

1.5.3 Mid-Term Break

Mar. 2 to 6, 2015

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

1.5.4 Examination and Test Dates

Years 1, 2 and 3

| | |
|---|--------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 1 to 12, 2014 |
| Winter Term | May 4 to 15, 2015 |

Year 4

| | |
|---|---------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 8 to 12, 2014 |
| Winter Term | Jan. 12 to 16, 2015 |

1.6 Dates applicable to Law:

1.6.1 Start and End Dates

| | |
|-------------|-------------------------|
| Fall Term | Sept. 2 to Dec. 1, 2014 |
| Winter Term | Jan. 5 to Apr. 10, 2015 |

1.6.2 Registration and Withdrawal Dates

Regular Registration Period

| | |
|--|--------------------|
| Fall Term and Fall/Winter Term classes | Ends Sept. 3, 2014 |
| Winter Term classes | Ends Jan. 5, 2015 |

Late Registration/Registration Revision Period

A financial penalty may be assessed for late registrations. Students may use this period of time to make changes to their selected courses or class schedule.

| | |
|--|---------------------|
| Fall Term and Fall/Winter Term classes | Sept. 4 to 15, 2014 |
| Winter Term classes | Jan. 6 to 16, 2015 |

Last Date to Register/Registration Revision Deadline

Last date to drop and have class excluded from transcripts; VWs will be recorded on transcripts for classes dropped after this date.

| | |
|--|----------------|
| Fall Term and Fall/Winter Term classes | Sept. 15, 2014 |
| Winter Term classes | Jan. 16, 2015 |

Voluntary Withdrawal deadline

Last date to withdraw and not receive a final grade; students cannot withdraw from classes after this date.

| | |
|--|---------------|
| Fall Term classes | Nov. 12, 2014 |
| Winter Term and Fall/Winter Term classes | Mar. 19, 2015 |

1.6.3 Examination and Test Dates

| | |
|---|---------------------|
| Fall Term (includes tests and midterm exams for Fall/Winter Term classes) | Dec. 4 to 17, 2014 |
| Winter Term | Apr. 13 to 27, 2015 |

1.7 Dates applicable to Medicine:

1.7.1 Orientation

Medicine Inaugural Exercises

Aug. 20, 2014

1.7.2 Start and End Dates

Year 1

Fall Term

Aug. 19 to Dec. 19, 2014

Winter Term

Jan. 5 to May 29, 2015

Year 2

Fall Term

Aug. 25 to Dec. 19, 2014

Winter Term

Jan. 5 to May 29, 2015

Year 3

Fall Term

Aug. 25 to Dec. 19, 2014

Winter Term

Jan. 5 to Aug. 21, 2015

Year 4

Fall Term

Aug. 25 to Dec. 19, 2014

Winter Term

Jan. 5 to May 14, 2015

1.7.3 Mid-Term Break (Year 1 and Year 2)

Mar. 16 to 20, 2015

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

1.7.4 Other Examination Dates

Medical Council of Canada examinations

Apr. 27 to May 5, 2015

1.7.5 Faculty of Medicine Convocation Ceremony

May 14, 2015

1.8 Dates applicable to Nursing:

1.8.1 New Student Submission Deadline

| | |
|---|---------------|
| Criminal Record Check/Child Abuse Registry/Immunizations/CPR due for all newly admitted Nursing students | July 15, 2014 |
|---|---------------|

1.8.2 Orientation

| | |
|---|-----------------------|
| All New Students | Aug. 26, 27, 28, 2014 |
| Year 2 Clinical Orientation | Sept. 3, 2014 |
| Year 3 Orientation | Sept. 10, 2014 |
| Year 4 clinical and senior practicum orientation (January start) | Sept. 4, 2014 |

1.8.3 Start and End Dates

| | |
|--|-----------------------------|
| Nursing lectures in NURS 2120 (Health Assessment), and Nursing labs in: NURS 2120 (Health Assessment); NURS 2130 (Skills Year 2); and NURS 3280 (Skills Year 3) | Begin week of Sept. 8, 2014 |
|--|-----------------------------|

| | |
|---|-----------------------|
| Year 2 NURS 2180 Clinical | |
| Tuesday/Wednesday | Starts Sept. 9, 2014 |
| Thursday/Friday | Starts Sept. 11, 2014 |
| Year 2 NURS 2190 Clinical | |
| Tuesday/Wednesday | Starts Sept. 9, 2014 |
| Thursday/Friday | Starts Sept. 11, 2014 |
| Year 3 Clinical Rotation | |
| Tuesday/Wednesday | Starts Sept. 23, 2014 |
| Thursday/Friday | Starts Sept. 25, 2014 |
| Year 4 NURS 4270 Clinical Rotation | Starts Sept. 9, 2014 |
| Year 4 NURS 4430 Clinical Rotation | |
| Tuesday/Wednesday | Starts Sept. 16, 2014 |
| Thursday/Friday | Starts Sept. 18, 2014 |
| Year 4 NURS 4290 Senior Practicum | Starts Sept. 8, 2014 |

1.8.4 Registration Dates

| | |
|---|--------------|
| Last date to register for Fall 2014 and Winter 2015 Nursing Clinical Courses | Aug. 1, 2014 |
|---|--------------|

1.9 Dates applicable to Occupational Therapy:

1.9.1 Year 1 Orientation

Aug. 21 – 22, 2014

1.9.2 Start and End Dates

Year 1

| | |
|---------------------------|--------------------------|
| Fall Term Classes | Aug. 25 to Nov. 14, 2014 |
| Fall Term Basic Fieldwork | Nov. 17 to Dec. 12, 2014 |
| Winter Term | Jan. 5 to May 1, 2014 |

Year 2

| | |
|------------------------------------|-------------------------|
| Fall Term | Aug. 25 to Dec 12, 2014 |
| Winter Term Intermediate Fieldwork | Jan. 5 to Feb. 27, 2015 |
| Winter Term Classes | Mar. 9 to June 26, 2015 |

1.9.3 Mid-Term Break

Mar. 2 to 6, 2015

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

1.10 Dates applicable to Pharmacy:

1.10.1 Year 1 Orientation

Sept. 3, 2014

1.10.2 Start and End Dates

Year 2 SPEP 2

May 4 to May 15, 2015

Year 3

| | |
|---------------------|-------------------------|
| Winter Term Classes | Jan. 5 to Mar. 25, 2015 |
| SPEP 3 | Apr. 6 to May 1, 2015 |

Year 4

| | |
|---------------------|--------------------------|
| Fall Term Classes | Sept. 2 to Oct. 27, 2014 |
| SPEP 4 – Block 1 | Nov. 3 to Dec. 12, 2014 |
| Electives – Block 1 | Nov. 3 to Dec. 19, 2014 |
| SPEP 4 – Block 2 | Jan. 5 to Feb. 13, 2015 |
| Electives – Block 2 | Jan. 5 to Feb. 20, 2015 |
| SPEP 4 – Block 3 | Feb. 23 to Apr. 2, 2015 |
| Electives – Block 3 | Feb. 23 to Apr. 10, 2015 |

1.10.3 Examination and Test Dates

| | |
|--------|-------------------------|
| Year 4 | Oct. 29 to 31, 2014 |
| Year 3 | Mar. 27 to Apr. 2, 2015 |

1.11 Dates applicable to Physical Therapy:

| | |
|---------------------------|---------------|
| 1.11.1 Year 1 Orientation | Aug. 18, 2014 |
|---------------------------|---------------|

1.11.2 Start and End Dates

| | |
|-------------|--------------------------|
| Year 1 | |
| Fall Term | Aug. 18 to Dec. 17, 2014 |
| Winter Term | Jan. 6 to Mar. 27, 2015 |
| Year 2 | |
| Fall Term | Aug. 18 to Dec. 19, 2014 |
| Winter Term | Jan. 6 to Mar. 27, 2015 |

| | |
|--------------------------------------|-------------------------|
| 1.11.3 Mid-Term Break (Year 1 and 2) | Mar. 30 to Apr. 3, 2015 |
|--------------------------------------|-------------------------|

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

1.12 Dates applicable to Respiratory Therapy:

1.12.1 Orientation

| | |
|--------|---------------------|
| Year 1 | Aug. 21 to 22, 2014 |
| Year 3 | Aug. 18, 2014 |

1.12.2 Start and End Dates

| | |
|-------------|--------------------------|
| Year 1 | |
| Fall Term | Aug. 25 to Dec. 19, 2014 |
| Winter Term | Jan. 6 to May 1, 2015 |
| Year 2 | |
| Fall Term | Aug. 25 to Dec. 19, 2014 |
| Winter Term | Jan. 6 to Apr. 24, 2015 |

| | |
|---------------|--------------------------|
| Year 3 | |
| Fall Term | Aug. 19 to Dec. 19, 2014 |
| Winter Term | Jan. 5 to May 29, 2015 |

1.13 Dates applicable to Social Work:

1.13.1 Orientation

| | |
|---------------------------------------|--------------------|
| Year 1 | Sept. 3, 2014 |
| Year 2 and 3 Field Orientation | Sept. 2 to 3, 2014 |

1.13.2 Start and End Dates

| | |
|--|-------------------------|
| Years 2 and 3 Field Instruction | |
| Fall Term | Sept. 2 to Dec. 5, 2014 |
| Winter Term | Jan. 6 to Apr. 17, 2015 |

1.14 Other University Special Events

| | |
|---|-----------------------|
| 2014 School Counsellors Admissions Seminar | Sept. 2014 (date tbd) |
| Evening of Excellence | Oct. 2014 (date tbd) |
| Memorial events for 14 women murdered at l'École Polytechnique in 1989 | Dec. 6, 2014 |
| Information Days for High School Students | Feb. 18 to 19, 2015 |

Section 2: Dates for Summer Session

2.1 Distance and Online Education Dates

This section includes information for Distance and Online Education courses offered in Winter Term 2015/Summer Session 2015 and in Summer Session 2015.

2.1.1 Start and End Dates

| | |
|------------------------------------|------------------------|
| Winter Term/Summer Session courses | Jan. 6 to July 3, 2015 |
| Summer Session | May 4 to July 31, 2015 |

2.1.2 Registration and Withdrawal Dates

Regular Registration Period

| | |
|------------------------------------|-------------------|
| Winter Term/Summer Session courses | Ends Jan. 5, 2015 |
| Summer Session courses | Ends May 3, 2015 |

Late Registration/Registration Revision Period

A financial penalty may be assessed on late registrations.

| | |
|--|--------------------|
| Winter Term and Winter Term/Summer Session courses | Jan. 6 to 19, 2015 |
| Summer Session courses | May 4 to 15, 2014 |

Last Date to Register/Registration Revision Deadline

Last date to drop and have class excluded from transcripts; VWs will be recorded on transcripts for courses dropped after this date.

| | |
|--|---------------|
| Winter Term and Winter Term/Summer Session courses | Jan. 19, 2015 |
| Summer Session courses | May 15, 2015 |

Voluntary Withdrawal (VW) deadline

Last date to withdraw and not receive a final grade; students cannot withdraw from courses after this date.

| | |
|------------------------------------|---------------|
| Winter Term/Summer Session courses | June 8, 2015 |
| Summer Session courses | July 10, 2015 |

2.1.3 Examination Dates

| | |
|--|------------------------|
| Winter Term/Summer Session courses | July 6 to 8, 2015 |
| Summer Session only courses | Aug. 4 to 7 & 10, 2015 |
| Off-Campus Exam Application Deadline for Distance and Online Education Students | |
| Winter Term/Summer Session courses | May 1, 2015 |
| Summer Session courses | June 1, 2015 |

2.2 Summer Session 2014 Start and End Dates

For more detailed information, please consult the Summer Session Calendar available from the Summer Session Office, 166 Extended Education Complex, or online at umanitoba.ca/summer.

2.2.1 Dates for May Day, June Day and May-June Day classes

| | |
|---------------------------|------------------------|
| Classes | May 5 to June 24, 2014 |
| Examinations | |
| May Day | May 30 to 31, 2014 |
| June Day and May-June Day | June 26 to 27, 2014 |

2.2.2 Dates for May-June Evening, June-August Evening and May-August Evening classes

| | |
|--|-----------------------|
| Classes | May 5 to Aug. 7, 2014 |
| Examinations | |
| May-June Evening | June 20 to 21, 2014 |
| June-August Evening and May-August Evening | Aug. 8 to 9, 2014 |

2.2.3 Dates for July Day, August Day and July-August Day classes

| | |
|--------------------------------|--------------------------|
| Classes | July 2 to Aug. 20, 2014 |
| Examinations | |
| July Day | July 25 to 26, 2014 |
| August Day and July-August Day | Aug. 22 to Aug. 23, 2014 |

2.2.4 Other Start and End Dates

| | |
|------------------------------------|--|
| Medicine, B.S.c | May 26 to Aug. 22, 2014 |
| Nursing Summer Term | Apr. 21 to July 23, 2014 |
| Occupational Therapy Year 1 | |
| Year 1 Intermediate Fieldwork 1 | May 5 to June 27, 2014 |
| Year 2 Advanced Fieldwork | Flexible start and end between June 30 to Sept. 12, 2014 |
| Physical Therapy | 2 x 6 week placements between Apr. 7 to Aug. 8, 2014 |
| Year 1 | |
| Year 2 | 1 or 2 x 6 week placement(s) between Apr. 7 to Sept. 12, 2014 |
| Respiratory Therapy Year 2 | Apr. 28 to June 27, 2014 |

2.3 Summer Session 2015 Class Start Dates

Other dates not yet available. More dates will be made available in the 2015-2016 Academic Schedule.

| | |
|------------------------------------|---|
| Summer Session Start Date | May 4, 2015 |
| Medicine, B.Sc. | May 25 to Aug.21, 2015 |
| Nursing Summer Term | Apr. 20 to July 24, 2015 |
| Occupational Therapy Year 1 | |
| Intermediate Fieldwork 1 | May 4 to June 26, 2015 |
| Occupational Therapy Year 2 | |
| Advanced Fieldwork | Flexible start and end between June 29 to Sept. 11, 2015 |
| Physical Therapy | |
| Year 1 | 2 x 6 week placements between Apr. 6 to Aug. 7, 2015 |
| Year 2 | 2 x 6 week placement(s)between Apr. 6 to Sept. 11, 2015 |
| Respiratory Therapy | |
| Year 1 | May 4 to 29, 2015 |
| Year 2 | Apr. 27 to June 26, 2015 |

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 23, 29, and 30, and November 1, 2013, 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.

2. The committee approved the Senate Committee on Curriculum and Course Changes – 2014/2015 Timetable for Faculty/School Submissions to the Office of the University Secretary. A new note has been added to the Timetable to clarify some aspects of the process to be followed when academic units propose course changes that would impact other courses/programs, as follows:

Proposals for course deletions or modifications (including changes to pre- or corequisites) that would impact other courses/programs, including courses/programs in other units, should, ***ideally***, be brought forward for the Fall deadline. Academic units initiating such changes are **required** to advise other affected units of the proposed change(s), including an indication of the term the change would take effect, so other units have an opportunity to submit corresponding changes to the SCCCC for the same Fall deadline, ***ideally***, or the next ensuing Spring deadline. The Registrar’s Office can assist units in identifying other courses/programs affected by a proposed course modification/deletion where an academic unit does not have this information.

Please refer to the Timetable on the Governance webpage
(<http://umanitoba.ca/admin/governance/meetings/index.html>).

3. **Faculty of Agricultural and Food Sciences**

Agroecology / General Agriculture

The faculty is proposing the modification of one (1) course, **AGEC 3510 Agroecology** (3).

The faculty is proposing the introduction of a **Minor in Crop Protection**.

Plant Science

The department is proposing the deletion of three (3) courses: **PLNT 3500 Plant Physiology** (3), **PLNT 4530 Woody Plants in the Prairie Landscape** (3), **PLNT 4560 Secondary Plant Metabolism** (3); the introduction of one (1) course, **PLNT 3400 Plant Physiology** (3), and the modification of two (2) courses: **PLNT 2530 Plant Biotechnology** (3) and **PLNT 4310 Introductory Plant Genomics** (3).

The department is proposing modifications to the Bachelor of Science in Agriculture (Agronomy) and the Bachelor of Science in Agriculture (Plant Biotechnology) that follow from the deletion of PLNT 3500 and the introduction of PLNT 3400.

School of Agriculture

The school is proposing the deletion of ten (10) courses: **DAGR 0700 Environmental Farm Plans and On-Farm Food Safety** (3), **DAGR 0710 Agricultural Enterprise** (3), **DAGR 0720 Agricultural Industry** (3), **DAGR 0740 Case Studies in Agricultural Lending 2** (4), **DAGR 0750 Money and Banking** (3), **DAGR 0770 Tax** (2), **DAGR 0790 Asset Appraisal** (3), **DAGR 0800 Intercultural Communications** (2), **DAGR 0810 Public Relations** (2), **DAGR 0820 Business Writing** (2).

Soil Science

The department is proposing the deletion of one (1) course, **SOIL 4530 Land Use and Environment** (3).

4. **Faculty of Architecture**

The faculty is proposing the modification of three (3) courses: **EVIE 3006 Interior Design Media** (3), **EVIE 4008 Digital Media (AutoCAD)** (3), and **EVIE 4014 Advanced Interior Design Media** (3).

5. **School of Art**

The School is proposing the deletion of four (4) courses: **FA 1270 Health Hazards in the Arts** (1), **STDO 2710 Interdisciplinary Critique 1** (3), **STDO 3970 Interdisciplinary Critique 2** (3), **FAAH 3210 Introduction to Theory and Criticism of Art** (3); the introduction of three (3) courses: **STDO 2712 Interdisciplinary Studio 1** (3), **STDO 3972 Interdisciplinary Studio 2** (3), **FAAH 3212 Introduction to the Theory of Art** (3); and the modification of one (1) course, **STDO 2690 Special Topics in Studio Practice 1** (3).

The School is proposing modifications to the following programs, which follow from the deletion of a number of required courses and corresponding course introductions: Bachelor of Fine Arts (General), Bachelor of Fine Arts (Honours), Bachelor of Art History (General), Bachelor of Art History (Honours), Diploma in Art.

6. **Faculty of Arts**

Anthropology

The department is proposing the modification of one course, **ANTH 4760 Practicum in Archaeology** (3).

The department is proposing to introduce a **Double Advanced Major in Anthropology**.

Asian Studies

The program is proposing the deletion of one course, **ASIA 2660 Modern Chinese Literature in Translation** (6) and the introduction of four (4) courses: **ASIA 2610 Modern Chinese Literature in Translation** (3), **ASIA 2662 Chinese Diaspora Literature** (3), **ASIA 3520 The Japanese Theatre** (3), **ASIA 3750 Advanced Korean** (6).

The program is also proposing modifications to List A Courses Acceptable for Asian Studies Credit, that follow from the course deletion and introductions.

Catholic Studies

The program is proposing the introduction of two (2) courses: **CATH 2200 Catholicism and Human Sexuality** (3) and **CATH 3900 Catholic Social Teaching** (3); and the modification of two (2) courses: **CATH 2010 Literature and Catholic Culture 1** (3) and **CATH 2020 Literature and Catholic Culture 2** (3).

The program is also proposing two program modifications, involving changes to the Minor (Concentration) in Catholic Studies and the addition of CATH 2200 and CATH 3900 to the List of Approved Courses in Catholic Studies.

Classics

The department is proposing the introduction of two (2) courses: **CLAS 3682 Greek and Roman Epic** (3) and **CLAS 3684 Greek and Roman Tragedy** (3); and the modification of seven (7) courses: **CLAS 3250 Aegean and Italian Prehistory** (3), **CLAS 3260 Hellenistic Civilization: History and Archaeology** (3), **CLAS 3264 Pompeii and Herculaneum** (3), **CLAS 3270 The World of Late Antiquity: History and Archaeology** (3), **CLAS 3650 Religion in Ancient Greece** (3), **CLAS 3660 Religion in Ancient Rome** (3), and **CLAS 3710 Aspects of Classical Culture 1** (3).

Economics

The department is proposing modifications to the requirements for Years 2 and 3 of the General Major program.

English, Film, and Theatre

The department is proposing the deletion of one (1) course, **ENGL 1310 Literary Topics 1** (3), the introduction of one (1) course, **ENGL 1400 Thematic Approaches to the Study of Literature** (3), and the modification of twenty-two (22) courses: **ENGL 2070 Literature of the Sixteenth Century** (6), **ENGL 2080 Medieval Literature** (6), **ENGL 2090 Literature of the Seventeenth Century** (6), **ENGL 2120 Literature of the Restoration and Eighteenth Century** (6), **ENGL 2130 Literature of the Romantic Period** (6), **ENGL 2140 Literature of the Victorian Period** (6), **ENGL 2160 British Literature since 1900** (6), **ENGL 2170 American Literature to 1900** (6), **ENGL 2180 American Literature since 1900** (6), **ENGL 2190 Special Topics** (3), **ENGL 2270 Canadian Literature** (6), **ENGL 2490 Literature in Translation** (3), **ENGL 2550 Critical Practise** (3), **ENGL 2570 The Novel** (6), **ENGL 2600 Writing and Gender** (3), **ENGL 2640 History of Critical Theory: From Plato to the Present** (6), **ENGL 2760 Introductory Creative Writing** (3), **ENGL 2830 Literature of Africa and/or the Caribbean** (3), **ENGL 2900 Genre** (3), **ENGL 2940 Short Fiction I** (3), **ENGL 2960 Drama 1** (3), **ENGL 2980 Poetry 1** (3).

The department is proposing modifications to the Year 1 requirements for the General Major, Single Advanced Major, Double Advanced Major, Minor (Concentration), Single Honours, and Double Honours programs in English and the Single Advanced Major in Theatre that follow from the deletion of ENGL 1310 and the introduction of ENGL 1400.

French, Spanish, and Italian

The department is proposing the deletion of one (1) course, **FREN 1150 Introductory French** (6), the introduction of three (3) courses: **FREN 1152 Introductory French 1** (3), **FREN 1154 Introductory French 2** (3), and **FREN 2780 Idéologie et oppression dans le roman français contemporain (B)** (3); and the modification of fifteen (15) courses: **FREN 1200 French 1** (6), **FREN 1252 Français oral 1** (3), **SPAN 1180 Introductory Spanish** (6), **SPAN 1190 Introductory Spanish 2** (3), **SPAN 1262 Intermediate Spanish Grammar and Conversation 1** (3), **SPAN 1272 Intermediate Spanish Grammar and Conversation 2** (3), **SPAN 1280 Spanish for Native Speakers** (3), **SPAN 1290 Accelerated Intermediate Spanish** (6), **SPAN 2200 Spanish American Culture and Civilization** (3), **SPAN 2210 Voices and Images of Latin America** (3), **SPAN 2510 Survey of Spanish Civilization** (3), **SPAN 2520 Introduction to Spanish Literature** (3), **SPAN 2550 Advanced Spanish Composition** (3), **SPAN 2560 Advanced Spanish Conversation** (3), and **SPAN 2580 Contemporary Spanish Female Playwrights** (3).

The department is proposing to introduce a **Double Advanced Major in French**.

German and Slavic Studies

The department is proposing the introduction of one (1) course, **GRMN 3232 Introduction to German Translation** (3).

History

The department is proposing the introduction of two (2) courses: **HIST 3212 Global Sweatshops, Global Struggles (M)** (3), **HIST 3750 Indigenous Peoples in Modern Latin America (A)** (3).

Labour Studies

The program is proposing the modification of one (1) course, **LABR 3220 Global Sweatshops, Global Struggles** (3).

The program is proposing a program modification, to include HIST 3212 on the List of Electives for a degree in Labour Studies.

Latin American Studies

The program is proposing a modification to the Minor (Concentration) in Latin American Studies involving the addition of HIST 3750 to the list of courses eligible for the minor.

Linguistics

The department is proposing the deletion of one (1) course, **LING 2860 Language Acquisition** (3), and the introduction of one (1) course, **LING 3860 Language Acquisition** (3).

The department is also proposing a modification of the Single Advanced Major in Linguistics, to require that students complete either LING 3120 or LING 3140. The requirement for 6 additional credit hours chosen from core courses numbered at the 3000 level has been reduced to 3 additional credit hours of core courses at this level.

The department is proposing to introduce a **Double Advanced Major in Linguistics**.

Native Studies

The department is proposing the introduction of one (1) course, **NATV 3170 Aboriginal Peoples and Racism in Canada** (3).

The department is proposing a program modification to the required Minor in Business, for students in the Single Advanced Major – Aboriginal Governance Stream, to require that students complete GMGT 2060 in Year 1 of the program. The course would replace GMGT 2030 in the curriculum.

Philosophy

The department is proposing the introduction of one (1) course, **PHIL 2190 Philosophy and Sexuality** (3).

Political Studies

The department is proposing the modification of two (2) courses: **POLS 3880 Comparative Foreign Policy** (3) and **POLS 4530 Regionalism in International Relations** (3).

Psychology

The department is proposing the deletion of seven (7) courses: **PSYC 2310 Adolescent Development** (3), **PSYC 2370 Developmental Psychology from Adolescence to Old Age** (3), **PSYC 2450 Behaviour Modification Applications** (3), **PSYC 2460 Dyadic Relations** (3), **PSYC 2860 Language Acquisition** (3), **PSYC 3450 Psychology of Personality** (3), **PSYC 3460 Abnormal Psychology**; the introduction of seven (7) courses: **PSYC 2490 Abnormal Psychology** (3), **PSYC 2530 Psychology of Personality** (3), **PSYC 3070 Adult Development** (3), **PSYC 3150 Behavioural Modification Applications** (3), **PSYC 3310 Adolescent Development** (3), **PSYC 3470 Dyadic Relations** (3), **PSYC 3860 Language Acquisition**; and the modification of fifteen (15) courses: **PSYC 3130 Introduction to Health Psychology** (3), **PSYC 3160 Perception and Attention** (3), **PSYC 3170 Research in Cognitive Psychology** (3), **PSYC 3200 Thinking Critically About Psychological Research** (3), **PSYC 3340 Design and Analysis for Psychological Experiments** (3), **PSYC 3350 Behavioural Neuroscience** (3), **PSYC 3390 Thinking** (3), **PSYC 3430 Sensory Processes** (3), **PSYC 3530 Contemporary Issues 1** (3), **PSYC 3540 Contemporary Issues 2** (3), **PSYC 3580 Language and Thought** (3), **PSYC 3610 Memory** (3), **PSYC 3630 Psychological Measurement and Assessment** (3), **PSYC 3650 Introduction to Clinical Psychology** (3), **PSYC 4520 Honours Research Seminar** (6).

The department is proposing a number of program modifications, including: (i) changes to the General Major program, to require that students complete 3 credit hours from each of four different Lettered menu categories (Category A through Category E), over Years 2 and 3 of the program; (ii) changes to the Single Advanced Major, to require that students complete 3 credit hours from each of the five Lettered menu categories noted above over Years 2 – 4 of the program; (iii) modifications to the Program Notes (Lettered menu categories) for the General Major, Single Advanced Major, Single Honours, and Double Honours programs; and (iv) changes to the requirements for the Single Honours and Double Honours program that reflect modifications to the Lettered menu categories.

Sociology

The department is proposing the introduction of one (1) course, **SOC 2240 Sociology of Globalization** (3).

The department is proposing to offer the **Single Advanced Major in Sociology** for the first time since 2003/2004. The program is currently listed as “not currently offered” in the Calendar. Modifications to the course requirements for Years 2 and 3 of the program are proposed.

Women's and Gender Studies

The department is proposing the deletion of one (1) course, **WOMN 3510 International Feminisms** (3), and the introduction of one (1) course, **WOMN 3520 Transnational Feminisms** (3).

The department is proposing to introduce a **Double Advanced Major in Women's and Gender Studies**.

7. Faculty of Dentistry

The faculty is proposing the introduction of twelve (12) courses: **DDSS 4150 Hospital Dentistry** (1), **DDSS 4112 Oral Diagnosis and Radiology 2** (2), **DDSS 4122 Oral and Maxillofacial Surgery 2** (1), **DENT 4202 Interdisciplinary Patient Centred Care Case Studies** (2), **DENT 4222 General Practice Dentistry** (10), **DENT 4232 General Practice Seminars** (2), **DENT 4240 Dental Jurisprudence** (1), **DENT 4210 Dental Practice Management 4** (2), **PDSD 4412 Pediatric Dentistry – 3** (2), **PDSD 4402 Orthodontics – 4** (2), **PDSD 4422 Community Dentistry Externship** (4), **RSTD 4522 Advanced Topics in Endodontics** (1).

The introduction of twelve (12) 4000 level courses by the Faculty of Dentistry represents the fourth phase of the Faculty's implementation of a revised credit hour system for the undergraduate program that more accurately reflects students' contact hours and workload for each course. Existing 4000 level courses, with the previous credit hour weighting, will be deleted once all students admitted to the program in 2011 have completed all coursework.

8. Faculty of Environment, Earth, and Resources

Environment and Geography

The department is proposing the introduction of two (2) courses: **GEOG 2700 Introduction to Arctic System Science** (3), **GEOG 4780 Storms – Mesoscale** (3).

9. Faculty of Human Ecology

Family Social Sciences

The department is proposing the modification of one (1) course, **FMLY 4802 Family Violence Prevention** (3).

The department is proposing a modification to the List of Electives, for the **Family Violence Option**, of the Bachelor of Human Ecology (Family Social Sciences), to include NATV 1220.

Human Nutritional Sciences

The department is proposing the modification of three (3) courses: **HNSC 3342 Management for Food and Nutrition Professionals** (3), **HNSC 4290 Food, Nutrition, and Health Policies** (3), **HNSC 4364 Foods Industry Option Practicum** (6).

The department is proposing a modification to the **Food Industry Option**, of the Bachelor of Human Ecology (Human Nutritional Sciences), involving the deletion of GMGT 2030 from the list of eligible courses, as it is no longer offered.

10. **School of Medical Rehabilitation**

Physical Therapy

The department is proposing the deletion of seventeen (17) courses: **PT 2720 Electro-Physical Agents in Physical Therapy Management (3)**, **PT 2750 Rehabilitation Exercise 2 (2)**, **PT 2760 Orthopedic Assessment and Management 1 (6)**, **PT 2770 Orthopedic Assessment and Management 2 (6)**, **PT 2790 Physical Therapy Management of Musculoskeletal Disorders (8)**, **PT 2890 Rehabilitation Biomechanics (3)**, **PT 3730 Advanced Musculoskeletal Topics (3)**, **PT 3740 Integrated Tutorials (3)**, **PT 3750 Physical Therapy Neurological Interventions Across the Lifespan 1 (6)**, **PT 3760 Physical Therapy Neurological Interventions Across the Lifespan 2 (7)**, **PT 3880 Clinical Education in Neurological Disorders (8)**, **PT 3920 Summer Internship (8)**, **REHB 2410 Pathology and Clinical Manifestations (4)**, **REHB 2460 Statistics (3)**, **REHB 3410 Pathology and Clinical Manifestations of Neurological Conditions (3)**, **REHB 3930 Neuroanatomy (3)**, and **REHB 3940 Neurosciences (3)**.

Respiratory Therapy

The department is proposing the deletion of seventeen (17) courses: **RESP 1270 Respiratory Anatomy and Physiology (3)**, **RESP 1280 Medical Microbiology and Infectious Disease (2)**, **RESP 1290 Cardiopulmonary Pharmacology (2)**, **RESP 1320 Applied Sciences for Respiratory Therapy (3)**, **RESP 1330 Technical Aspects of Respiratory Care (3)**, **RESP 1360 Treatment Administration in Respiratory Care (3)**, **RESP 1370 Ventilator Support Principles (6)**, **RESP 1380 Basic Fieldwork I (4)**, **RESP 2300 Respiratory Clinical Assessment (6)**, **RESP 2310 Clinical Aspect of Ventilator Management (3)**, **RESP 2320 Ventilator Support Instrumentation (6)**, **RESP 2330 Pulmonary Investigations (3)**, **RESP 2340 Physiologic Measurements and Instrumentation (3)**, **RESP 2350 Cardiology (3)**, **RESP 2360 Pediatrics (3)**, **RESP 2370 Anesthesiology (3)**, **REHB 3460 Introduction to Healthcare Administration and Management (3)**; and the introduction of fourteen (14) courses: **RESP 1400 Introduction to Professional Practice (3)**, **RESP 1410 Health Systems and Respiratory Care (3)**, **RESP 1420 Applied Physiology for Respiratory Therapy (6)**, **RESP 1430 Respiratory Therapeutics I (6)**, **RESP 1440 Pharmacology (3)**, **RESP 1450 Principles of Mechanical Ventilation (6)**, **RESP 1460 Basic Fieldwork I (4)**, **RESP 2200 Primary Care in Respiratory Therapy (3)**, **RESP 2210 Pathophysiology (6)**, **RESP 2220 Physical Examination and Health Assessment (3)**, **RESP 2230 Respiratory Therapeutics II (6)**, **RESP 2240 Clinical Mechanical Ventilation (3)**, **RESP 2250 Ventilator Instrumentation (3)**, **RESP 2260 Cardiopulmonary Diagnostics (3)**.

The department is proposing modifications to Years 2 and 3 of the Bachelor of Medical Rehabilitation (Respiratory Therapy) program that involve new program goals, and a revised curriculum structure and course objectives. Proposed course deletions and introductions correspond to the proposed program modifications.

11. **Faculty of Music**

The faculty is proposing the deletion of two (2) courses: **MUSC 3840 Topics in Music** (3), **MUSC 3850 Topics in Music** (3); and the modification of four (4) courses: **MUSC 3112 Jazz Composition and Arranging** (3), **MUSC 3554 Jazz Recital I** (3), **MUSC 4130 History of Women in Music** (3), **MUSC 4470 Major Practical Study** (6).

12. **Faculty of Science**

Biological Sciences

The department is proposing the deletion of one (1) course, **BIOL 3450 Plant Physiology** (3), the introduction of one (1) course, **BIOL 3400 Plant Physiology** (3), and the modification of two (2) courses: **BIOL 3452 Environmental Plant Physiology** (3), **BIOL 4250 Principles of Plant Pathology** (3).

The department is proposing modifications to the **B.Sc. (Major) in Biological Sciences** and the **B.Sc. (Honours) in Biological Sciences** programs and to the theme specific courses in the **Environmental and Integrative Physiology** theme that follow from the deletion of BIOL 3450 and the introduction of BIOL 3400.

Biotechnology Program

The program is proposing the removal of BTEC 4000 Research Project in Biotechnology (6) from the requirements of the **B.Sc.(Honours) in Biotechnology Cooperative Option**, to be replaced by 6 credit hours of electives.

The program is proposing the deletion of the **Environmental Biotechnology Stream** of the B.Sc. (Major) and the B.Sc. (Honours) in Biotechnology degrees (including the Co-operative Options).

Computer Science

The department is proposing the introduction of one (1) course, **COMP 4990 Workterm 4** (0).

Microbiology

The department is proposing the deletion of one (1) course, **MBIO 2410 Essentials of Molecular Biology** (3), the introduction of three (3) courses: **MBIO 1410 Introduction to Molecular Biology** (3), **MBIO 2420 Introductory Virology** (3), **MBIO 4030 Special Topics in Microbiology** (3); and the modification of one (1) course, **MBIO 1010 Microbiology I** (3).

Physics and Astronomy

The department is proposing the modification of one (1) course, **PHYS 2600 Electromagnetic Field Theory** (3).

Psychology

The department is proposing modifications to the **B.Sc.(Honours) in Psychology**, involving revisions to course listings for each of the various Categories of Psychology Courses (A through E). The changes follow from recommendations made in a recent review of the undergraduate program.

The department is proposing modifications to the **B.Sc.(Major) in Psychology**, including: revisions to the course listings for each of the various Categories of Psychology Courses (A through E); a change to require that students complete at least one course from each of the five categories (A through E), rather than at least one course from four of the five categories. The changes follow from recommendations made in a recent review of the undergraduate program.

12. Université de Saint-Boniface

Faculty of Arts

Psychology

The department is proposing the introduction of one (1) course, **PSYC 3341 Design et analyse de données en recherche en psychologie** (3), and the modification of one (1) course, **PYSC 3131 Psychologie de la santé** (3).

Spanish

The department is proposing the deletion of two (2) courses: **SPAN 1261 Espagnol intermédiaire** (3), **SPAN 1271 Espagnol oral**; and the introduction of two (2) courses: **SPAN 1263 Espagnol intermédiaire: grammaire et conversation 1** (3), **SPAN 1273 Espagnol intermédiaire: grammaire et conversation 2** (3).

Faculty of Education

The faculty is proposing the introduction of one (1) course, **EDUB 5549 Didactique en français de base** (3), and the modification of two (2) courses: **EDUA 5681 Promotion d'un comportement responsable en milieu scolaire** (3), **EDUB 5543 Les arts dramatiques et l'enseignement du français de base** (3).

Recommendations

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

Faculty of Agricultural and Food Sciences

- **Minor in Crop Protection**

School of Art

Faculty of Arts

- **Double Advanced Major in Anthropology**
- **Double Advanced Major in French**
- **Double Advanced Major in Linguistics**
- **Double Advanced Major in Women's and Gender Studies**

Faculty of Dentistry

Faculty of Environment, Earth, and Resources

Faculty of Human Ecology

School of Medical Rehabilitation

Faculty of Music

Faculty of Science

Université de Saint-Boniface

Respectfully submitted,

Professor G. Smith, Acting Chair
Senate Committee on Curriculum and Course Changes

Faculty of Agricultural and Food Sciences

Agroecology / General Agriculture

Modifications:

AGEC 3510 Agroecology Cr.Hrs. 3

0.0

Examination of how ecological principles and processes apply to, and function in, managed ecosystems, with emphasis on agricultural ecosystems. Influence of agricultural practices on populations and ecosystem function. Ecological concepts as tools in managing systems. Pre- or co-requisite: AGECE 2370 or BIOL 2300.

NET CHANGE IN CREDIT HOURS: 0.0

Program proposal: Minor in Crop Protection

3

Proposal for a Minor Programme in Crop Protection

Preamble

The Faculty of Agricultural and Food Sciences offers a variety of programmes in Agronomy, Animal Systems, Plant Biotechnology, Agribusiness, Agroecology, Food Science, and Biosystems Engineering. These programmes are supported by a planned sequence of courses beginning with survey University 1 courses (AGRI 1500 and AGRI 1510) followed by representative core and elective courses. The Minor in Crop Protection will allow students within the existing programme framework to construct an identifiable area of specialization which crosses several programme disciplines, and includes specialized courses in crop protection dealing with insect, weed and plant disease management. The Minor program will be available to students in the Faculty of Agricultural and Food Sciences, and to students in other Faculties

Program

A minor program consists of a minimum of 18 credit hours in a subject area. The minor in Crop Protection would consist of:

ENTM 3170 Crop Protection Entomology or ENTM 3190 Introduction to Applied Entomology
PLNT 3540 Weed Science
PLNT 3570 Fundamentals of Plant Pathology
PLNT 4270 Plant Disease Control
(total of 12 credit hours of compulsory courses)

plus 6 credit hours from the following choices:

ENTM 3180 Field Techniques in Entomology
ENTM 2050 Introductory Entomology
SOIL 3520 Pesticides: Environment, Economics and Ethics
PLNT 4570 Research Methods in Plant Pathology
PLNT 4580 Molecular Plant-Microbe Interactions
AGRI 2180 Introductory Toxicology
BIOE 4520 Crop Preservation and Handling
PLNT 3510 Cropping Systems

Notes on Pre-requisites:

ENTM 3170 Crop Protection Entomology: none
ENTM 3190 Introduction to Applied Entomology: none
PLNT 3540 Weed Science: BIOL 1020 and 1030; AGRI 1500; instructor consent
PLNT 3570 Fundamentals of Plant Pathology: BIOL 2260 (Fungi and Lichens)
PLNT 4270 Plant Disease Control: PLNT 2500 (Crop Production)
ENTM 2050 Introductory Entomology: none
SOIL 3520 Pesticides: Environment, Economics and Ethics: none

PLNT 4570 Research Methods in Plant Pathology: PLNT 3570 or instructor consent
 PLNT 4580 Molecular Plant-Microbe Interactions: PLNT 3570
 AGRI 2180 Introductory Toxicology: BIOL 1020 and 1030; CHEM 1310 or 1320
 BIOE 4520 Crop Preservation and Handling: none
 PLNT 3510 Cropping Systems: PLNT 2500 (Crop Production)

Note that PLNT 2500 is a compulsory course in our B.Sc. Agriculture (Agronomy) and B.Sc. Agriculture (Animal Systems) programmes and is a restricted elective choice in the B.Sc. Agriculture (Plant Biotechnology) and B.Sc. Agribusiness programmes.

Also note that the Faculty of Agricultural and Food Sciences allows students to count courses for more than one minor, and that they can count for both a major and a minor.

Calendar Entry:

Crop Protection

Students may obtain a minor in Crop Protection (18 credit hours) by completing ENTM 3170 Crop Protection Entomology or ENTM 3190 Introduction to Applied Entomology; PLNT 3540 Weed Science; PLNT 3570 Fundamentals of Plant Pathology; and PLNT 4270 Plant Disease Control; plus an additional 6 credit hours from the following list of courses: ENTM 2050 Introductory Entomology, SOIL 3520 Pesticides: Environment, Economics and Ethics, PLNT 4570 Research Methods in Plant Pathology, PLNT 4580 Molecular Plant-Microbe Interactions, AGRI 2180 Introductory Toxicology, BIOE 4520 Crop Preservation and Handling, PLNT 3510 Cropping Systems.

Plant Science

Deletions:

| | |
|---|------|
| PLNT 3500 Plant Physiology Cr.Hrs. 3 | -3.0 |
| PLNT 4530 Woody Plants in the Prairie Landscape Cr.Hrs. 3 | -3.0 |
| PLNT 4560 Secondary Plant Metabolism Cr.Hrs. 3 | -3.0 |

Introductions:

| | |
|--|------|
| PLNT 3400 Plant Physiology Cr.Hrs. 3 | +3.0 |
| (Lab Required) An integrative view of major physiological processes in plants, spanning the biochemical, cellular, tissue, organ and whole plant levels of organization. The focus will be on photosynthesis, respiration, plant water relations, plant mineral nutrition, and the role of hormonal and extrinsic factors in the regulation of plant growth. This course is taught together with BIOL 3400. Students may not hold credit for both BIOL 3400 and PLNT 3400. Not to be held with the former BIOL 3450 or BOTN 2020 (or 001.202) or PLNT 3500. Prerequisites: BIOL 1030 or the former 071.125; CHEM 2770 (or 002.277) or MBIO 2770 (or 060.277) or CHEM 2360 (or 002.236) or MBIO 2360 (or 060.236); BIOL 2242 or the former BOTN 2010 (or 001.201) or the former 001.230 or consent of instructor. | |

Modifications:

| | |
|---|------|
| PLNT 2530 Plant Biotechnology Cr.Hrs. 3 | 0.0 |
| (Formerly 039.253) An introduction to current biotechnological techniques, including recombinant DNA, plant tissue culture, plant transformation and regeneration. A background to the techniques as well as a discussion of their applications in current biology and crop production will be examined. A laboratory will provide first-hand experience with many of the techniques. Not to be held with the former 039.450. Prerequisites: CHEM 2360 (or 002.236) or MBIO 2360 (or 060.236) or CHEM 2770 (or 002.277) or MBIO 2770 (or 060.277) and PLNT 2520 (or 039.252) or BIOL 2500 or the former BOTN 2460 (or 001.246). | |
| PLNT 4310 Introductory Plant Genomics Cr.Hrs. 3 | -3.0 |
| An introduction to basic technologies in plant genomics. Topics include DNA sequencing, molecular marker detection, genome sequencing, gene expression analysis, gene mapping and functional analysis. A laboratory will provide hands-on experience with several genomic techniques. Not to be held with the former PLNT 4540. Prerequisites: PLNT 2520 or BIOL 2500 (or the former BOTN 2460) or consent of instructor. | |

NET CHANGE IN CREDIT HOURS: -6.0

Program modifications (Plant Science):

DEFENDER TRAILBLAZER REBEL PIONEER EXPLORER ADVENTURER

ACADEMIC CALENDAR 2013-2014

- Program Core
- Restricted Electives
- Free Electives

| | | |
|---------------------------|----------------------------|--------------|
| PHIL 2740 | Ethics and Biomedicine | 3 |
| PHIL 2750 | Ethics and the Environment | 3 |
| PHIL 2830 | Business Ethics | 3 |
| Total credit hours | | 33-39 |

These requirements are outlined for all four degrees in the sections which follow.

4.1.1 Faculty Core

| Course Number | Course Name | Credit Hours |
|---------------|--|--------------|
| ABIZ 1000 | Introduction to Agribusiness Management (see Note 1) | 3 |
| AGRI 1500 | Natural Resources and Primary Agricultural Production | 3 |
| AGRI 1510 | Production, Distribution and Utilization of Agricultural Products | 3 |
| AGRI 2030 | Technical Communications | 3 |
| BIOL 1020 | Biology 1: Principles and Themes (See Note 2) | 3 |
| BIOL 1030 | Biology 2: Biological Diversity, Function and Interactions (See Note 2) | 3 |
| CHEM 1300 | University 1 Chemistry: Structure and Modelling in Chemistry (see Notes 3 and 4) | 3 |

one of the following two courses:

| | | |
|--|---|---|
| CHEM 1310 | University 1 Chemistry: An Introduction to Physical Chemistry (see Notes 3 and 4) | 3 |
| OR | | |
| CHEM 1320 | University 1 Chemistry: An Introduction to Organic Chemistry (see Notes 3 and 4) | 3 |
| ECON 1010 | Introduction to Microeconomic Principles | 3 |
| ECON 1020 | Introduction to Macroeconomic Principles | 3 |
| MATH 1200 | Elements of Discrete Mathematics (See Note 5) | |
| or | | |
| MATH 1210 | Techniques of Classical and Linear Algebra (See Note 5) | |
| or | | |
| MATH 1300 | Vector Geometry and Linear Algebra (See Note 5) | |
| or | | |
| MATH 1310 | Matrices for Management and Social Sciences (See Note 5) | |
| or | | |
| MATH 1500 | Introduction to Calculus (See Note 5) | |
| or | | |
| MATH 1520 | Introductory to Calculus for Management and Social Sciences (See Note 5) | 3 |
| STAT 1000 | Basic Statistical Analysis 1 | 3 |
| Three credit hours from the following: | | |
| PHIL 1290 | Critical Thinking: | 3 |

NOTES:

1) ABIZ 1000 is not required for the B.Sc. Food Science (Food Science option). It is required in the B.Sc. Food Science (Business option).

2) Students planning to enter the B.Sc. (Agribusiness) degree program are recommended to take BIOL 1020 and BIOL 1030 but may substitute BIOL 1000 and BIOL 1010.

3) Students planning to enter the B.Sc. (Agribusiness) degree program are not required to take chemistry at the university level.

4) Both CHEM 1310 and CHEM 1320 are required for the B.Sc. (Food Science) Science Option Program.

5) Six credit hours of Math courses, consisting of 3 credit hours of MATH 1300 Vector Geometry and Linear Algebra or MATH 1310 Matrices for Management and Social Sciences and 3 credit hours of MATH 1500 Introduction to Calculus or MATH 1520 Introduction to Calculus for Management and Social Sciences are required for the B.Sc. (Agribusiness) and B.Sc. (Food Sciences) programs.

4.1.2 Bachelor of Science (Agriculture)

The four year program leading to the B.Sc. (Agriculture) is a professional program which prepares graduates for careers in the public and private sectors related to the production and distribution of agricultural commodities. Graduates will also be prepared to enter directly into a program of graduate studies. In addition to the faculty core courses, all students are required to take the following B.Sc. (Agriculture) degree core requirements and the respective program core courses.

B.Sc. (Agriculture) Degree Core

| Course Number | Course Name | Credit Hours |
|---------------------------|----------------------------|--------------|
| AGEC 2370 (BIOL 2300) | Principles of Ecology | 3 |
| CHEM 2770 (MBIO 2770) | Elements of Biochemistry 1 | 3 |
| PLNT 2520 (BIOL 2500) | Genetics | 3 |
| Total credit hours | | 9 |

Within the B.Sc. (Agriculture) students will elect one of three programs of study or specialties -- **Agronomy, Animal Systems or Plant Biotechnology**. Students will normally begin the program of study of their choice in second year. A description of each program and their requirements follows.

Agronomy Program

Chair: D. Flaten
Office: 307 Ellis Building
Telephone: (204) 474-6257
Program Advisor: P. Bullock
Office: 313 Ellis Building
Telephone: (204) 474-8666
Paul.Bullock@ad.umanitoba.ca

The Agronomy program will provide an integrated and comprehensive study of the factors and processes associated with the science of crop production and the management and use of land and water resources. The program emphasizes land management and the sustainability of agronomic and horticultural crop systems.

| Course Number | Course Name | Credit Hours | Course Number | Course Name | Credit Hours |
|---|--|---------------|---|---|---------------------|
| Agronomy Core | | | Suggested Progression of Program: | | |
| ABIZ 2510 | Introduction to Agricultural and Food Marketing | 3 | Second Year | | |
| ANSC 2500 | Animal Production | 3 | ABIZ 1000 | Introduction to Agribusiness Management | 3 |
| BIOL 2242 | The Flowering Plants | 3 | AGRI 2030 | Technical Communications | 3 |
| PLNT 2500 | Crop Production | 3 | BIOL 2242 | The Flowering Plants | 3 |
| PLNT 3500 3400 | Plant Physiology | 3 | CHEM 2770 (MBIO 2770) | Elements of Biochemistry 1 | 3 |
| PLNT 3510 | Cropping Systems | 3 | PLNT 2500 | Crop Production | 3 |
| PLNT 4590 | Physiology of Crop Plants | 3 | PLNT 2520 | Genetics | 3 |
| SOIL 3600 | Soils and Landscapes in Our Environment | 3 | SOIL 3600 | Soils and Landscapes in Our Environment | 3 |
| SOIL 4510 | Soil and Water Management | 3 | | Free elective(s) | 9 |
| SOIL 4520 | Soil Fertility | 3 | Total credit hours | | 30 |
| Total credit hours | | 30 | Third Year | | |
| Restricted Electives | | | ABIZ 2510 | Introduction to Agricultural and Food Marketing | 3 |
| Group 1 | | | AGEC 2370 or | | |
| Two courses (six credit hours) from the following: | | | (BIOL 2300) | Principles of Ecology | 3 |
| ENTM 3170 | Crop Protection Entomology | (3) | ANSC 2500 | Animal Production | 3 |
| ENTM 3190 | Introduction to Applied Entomology | (3) | PLNT 3500 3400 | Plant Physiology | 3 |
| PLNT 3540 | Weed Science | (3) | PLNT 4590 | Physiology of Crop Plants | 3 |
| PLNT 4270 | Plant Disease Control | (3) | STAT 1000 | Basic Statistical Analysis 1 | 3 |
| Total credit hours | | 6 | | Restricted and/or Free Electives | 12 |
| Group 2 | | | Total credit hours | | 30 |
| One course (three credit hours) from the following: | | | Fourth Year | | |
| ANSC 4410 | Grassland Agriculture: Plant, Animal and Environment | (3) | PLNT 3510 | Cropping Systems | 3 |
| PLNT 4410 | | (3) | SOIL 4510 | Soil and Water Management | 3 |
| PLNT 2510 | Fundamentals of Horticulture | (3) | SOIL 4520 | Soil Fertility | 3 |
| PLNT 3520 | Principles of Plant Improvement | (3) | | Restricted and/or Free Electives | 21 |
| Total credit hours | | 3 | Total credit hours | | 30 |
| Group 3 | | | Animal Systems Program | | |
| One course (three credit hours) from the following: | | | Chair: M. L. Connor | | |
| SOIL 3060 | Introduction to Agrometeorology | (3) | Office: 201 Animal Science Building | | |
| SOIL 4060 | Physical Properties of Soils | (3) | Telephone: (204) 474-9219 | | |
| SOIL 4130 | Soil Chemistry and Mineralogy | (3) | Program Advisor: L. Onischuk | | |
| SOIL 4400 | Soil Ecology | (3) | Office: 236 Animal Science Building | | |
| Total credit hours | | 3 | Telephone: (204) 474-9174 | | |
| Group 4 | | | E-mail: Loreen.onischuk@ad.umanitoba.ca | | |
| One course (three credit hours) from the following: | | | The Animal Systems program will provide an integrated and comprehensive study of the factors and processes associated with the science of animal production. The program will be based on a strong foundation in the scientific disciplines underlying growth and reproduction in animals and how they respond to a range of environmental systems and constraints. | | |
| BIOE 2090 | Machinery for Agricultural Production | (4) | Course Number | Course Name | Credit Hours |
| BIOE 4500 | Water Management | (3) | Animal Systems Core | | |
| BIOE 4520 | Crop Preservation and Handling | (3) | ABIZ 2510 | Introduction to Agricultural and Food Marketing | 3 |
| GEOG 2250 | Introduction to Geographic Information Systems | (3) | ANSC 2500 | Animal Production | 3 |
| Total credit hours | | 3 or 4 | | | |
| Free Electives | | 27 | | | |

| Course Number | Course Name | Credit Hours | Total credit hours | 6 |
|--|--|--------------|--------------------|---|
| ANSC 2510 | Anatomy and Physiology 1: Control Systems | 3 | | |
| ANSC 2520 | Anatomy and Physiology 2: Nutrient Utilization | 3 | | |
| ANSC 3500 | Principles of Animal Genetics | 3 | | |
| ANSC 3510 | Feeds and Feeding | 3 | | |
| ANSC 3520 | Animal Reproduction | 3 | | |
| ANSC 3530 | The Animal and Its Environment | 3 | | |
| ANSC 4560 | Issues in Animal Agriculture | 3 | | |
| CHEM 2780 (MBIO 2780) | Elements of Biochemistry 2 | 3 | | |
| PLNT 2500 | Crop Production | 3 | | |
| Total credit hours | | 33 | | |
| Restricted Electives | | | | |
| Group 1 | | | | |
| One course (three credit hours) from the following: | | | | |
| ANSC 4520 | Ruminant Production Systems - Meat | (3) | | |
| ANSC 4530 | Ruminant Production Systems - Milk | (3) | | |
| Total credit hours | | 3 | | |
| Group 2 | | | | |
| One course (three credit hours) from the following: | | | | |
| ANSC 4540 | Monogastric Production Systems | (3) | | |
| ANSC 4550 | Avian Production Systems | (3) | | |
| Total credit hours | | 3 | | |
| Group 3 | | | | |
| Two courses (six credit hours) from the following: | | | | |
| AGEC 4510 | Applications in Agroecology | (3) | | |
| ANSC 2530 | Nutritional Toxicology | (1.5) | | |
| and | | | | |
| AGRI 2190 | Toxicology Principles | (1.5) | | |
| ANSC 2540 | Companion Animal Nutrition and Management | (3) | | |
| ANSC 4090 | Livestock Problems | (3) | | |
| ANSC 4220 | Animal Science Investigations | (3) | | |
| ANSC 4280 | Applied Animal Genetics | (3) | | |
| ANSC 4410 (PLNT 4410) | Grassland Agriculture: Plant, Animal and Environment | (3) | | |
| ANSC 4500 | Animal Health | (3) | | |
| ANSC 4510 | Domesticated Animal Behaviour | (3) | | |
| ANSC 4570 | Advanced Applied Animal Nutrition | (3) | | |
| ENTM 3160 | Veterinary and Wildlife Entomology | (3) | | |
| FOOD 3500 | Processing of Animal Food Products | (3) | | |
| PLNT 2530 | Plant Biotechnology | (3) | | |
| Total credit hours | | 30 | | |
| Course Number Course Name Credit Hours | | | | |
| Group 4 | | | | |
| One course (three credit hours) from the following: | | | | |
| GMGT 2070 | Organizational Behaviour | (3) | | |
| GMGT 3120 | Regulation | (3) | | |
| HRIR 2440 | Human Resource Management | (3) | | |
| Total credit hours | | 3 | | |
| Free Electives | | | | |
| Total credit hours | | 24 | | |
| Note: Students are encouraged to take free electives from the following courses: | | | | |
| ANSC 2530 | Nutritional Toxicology | (1.5) | | |
| ANSC 4570 | Advanced Applied Animal Nutrition | (3) | | |
| ANSC 4090 | Livestock Problems | (3) | | |
| ANSC 4220 | Animal Science Investigations | (6) | | |
| PLNT 2530 | Plant Biotechnology | (3) | | |
| AGEC 4510 | Applications in Agroecology | (3) | | |
| Suggested progression of program: | | | | |
| Second Year | | | | |
| ABIZ 1000 | Introduction to Agribusiness Management | 3 | | |
| AGRI 2030 | Technical Communications | 3 | | |
| ANSC 2500 | Animal Production | 3 | | |
| ANSC 2510 | Anatomy and Physiology 1 | 3 | | |
| ANSC 2520 | Anatomy and Physiology 2 | 3 | | |
| CHEM 2770 (MBIO 2770) | Elements of Biochemistry 1 | 3 | | |
| CHEM 2780 (MBIO 2780) | Elements of Biochemistry 2 | 3 | | |
| PLNT 2500 | Crop Production | 3 | | |
| PLNT 2520 | Genetics | 3 | | |
| | Restricted and free electives | 3 | | |
| Total credit hours | | 30 | | |
| Third Year | | | | |
| ABIZ 2510 | Introduction to Agricultural and Food Marketing | 3 | | |
| AGEC 2370 (BIOL 2300) | Principles of Ecology | 3 | | |
| ANSC 3500 | Principles of Animal Genetics | 3 | | |
| ANSC 3510 | Feeds and Feeding | 3 | | |
| ANSC 3530 | The Animal and Its Environment | 3 | | |
| STAT 1000 | Basic Statistical Analysis | 3 | | |
| | Restricted and/or Free Electives | 12 | | |
| Total credit hours | | 30 | | |

DEFENDER TRAILBLAZER REBEL PIONEER EXPLORER ADVENTURER

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| Course Number | Course Name | Credit Hours | Course Number | Course Name | Credit Hours |
|---|--------------------------------------|--------------|---|---|--------------|
| Fourth Year | | | Group 2 | | |
| ANSC 3520 | Animal Reproduction | 3 | Five courses (fifteen credit hours) of the following: | | |
| ANSC 4560 | Issues in Animal Agriculture | 3 | PLNT 3520 | Principles of Plant Improvement | (3) |
| | Restricted Elective - Group 1 | 3 | PLNT 3570 | Fundamentals of Plant Pathology | (3) |
| | Restricted Elective - Group 2 | 3 | PLNT 4310 | Introductory Plant Genomics | (3) |
| | Restricted and/or Free Electives | 18 | PLNT 4330 | Intermediate Plant Genetics | (3) |
| Total credit hours | | 30 | PLNT 4550 | Developmental Plant Biology | (3) |
| Plant Biotechnology Program | | | PLNT 4560 | Secondary Plant Metabolism | (3) |
| Chair and Program Advisor: C. Stasolla | | | PLNT 4570 | Research Methods in Plant Pathology | (3) |
| Office: 315 Agriculture Building | | | PLNT 4580 | Molecular Plant-Microbe Interactions | (3) |
| Telephone: (204) 474-6098 | | | PLNT 4590 | Physiology of Crop Plants | (3) |
| E-mail: claudio.stasolla@ad.umanitoba.ca | | | PLNT 4610 | Bioinformatics | (3) |
| The Plant Biotechnology Program will provide an integrated and comprehensive study of genetic, physiological and pathological factors and modern technological processes associated with the sciences of plant improvement, production, protection, and utilization. The program will provide an understanding of the biological principles that determine the heredity, growth, and responses of plants and plant pathogens to cultural and environmental factors. | | | Total Credit Hours | | 15 |
| Plant Biotechnology Core | | | Free Electives | | 27 |
| BIOL 2242 | The Flowering Plants | 3 | Suggested progression of program: | | |
| BIOL 2260 | Biology of Fungi and Lichens | 3 | Second Year | | |
| BIOL 2520 | Cell Biology | 3 | BIOL 2242 | The Flowering Plants | 3 |
| CHEM 2780 | Elements of Biochemistry 2 | 3 | BIOL 2260 | Biology of Fungi and Lichens | 3 |
| (MBIO 2780) | | | CHEM 2770 or | | |
| MBIO 1010 | Microbiology 1 | 3 | (MBIO 2770) | Elements of Biochemistry 1 | 3 |
| PLNT 2530 | Plant Biotechnology | 3 | CHEM 2780 or | | |
| PLNT 3500 3500 3400 | Plant Physiology | 3 | (MBIO 2780) | Elements of Biochemistry 2 | 3 |
| PLNT 4600 | Issues in Agricultural Biotechnology | 3 | BIOL 2520 | Cell Biology | 3 |
| | | | PLNT 2520 | Genetics | 3 |
| Total credit hours | | 24 | PLNT 2530 | Plant Biotechnology | 3 |
| Restricted Electives | | | AGRI 2030 Technical Communications | | 3 |
| Group 1 | | | Free and/or restricted electives | | 6 |
| Two courses (six credit hours) of the following: | | | Total credit hours | | 30 |
| ANSC 2500 | Animal Production (3) | | Third Year | | |
| ANSC 4410 or | | | STAT 1000 | Basic Statistical Analysis 1 | 3 |
| PLNT 4410 | Grassland Agriculture: | | PLNT 3500 3500 3400 | Plant Physiology | 3 |
| | Plant, Animal and Environment (3) | | MBIO 1010 | Microbiology 1 | 3 |
| ENTM 3170 | Crop Protection Entomology (3) | | AGEC 2370 or | | |
| PLNT 2500 | Crop Production (3) | | (BIOL 2300) | Principles of Ecology | 3 |
| PLNT 2510 | Fundamentals of Horticulture (3) | | ABIZ 1000 | Introduction to Agribusiness Management | 3 |
| PLNT 3540 | Weed Science (3) | 6 | Free and/or restricted electives | | 15 |
| | | | Total credit hours | | 30 |
| | | | Fourth Year | | |
| | | | PLNT 4600 | Issues in Agricultural Biotechnology | 3 |
| | | | Free and/or restricted electives | | 27 |
| | | | Total credit hours | | 30 |

School of Agriculture

Deletions:

| | |
|--|------|
| DAGR 0700 Environmental Farm Plans and On-Farm Food Safety Cr.Hrs. 3 | -3.0 |
| DAGR 0710 Agricultural Enterprise Cr.Hrs. 3 | -3.0 |
| DAGR 0720 Agricultural Industry Cr.Hrs. 3 | -3.0 |
| DAGR 0740 Case Studies in Agricultural Lending Cr.Hrs. 4 | -4.0 |
| DAGR 0750 Money and Banking Cr.Hrs. 3 | -3.0 |
| DAGR 0770 Tax Cr.Hrs. 2 | -2.0 |
| DAGR 0790 Asset Appraisal Cr.Hrs. 3 | -3.0 |
| DAGR 0800 Intercultural Communications Cr.Hrs. 2 | -2.0 |
| DAGR 0810 Public Relations Cr.Hrs. 2 | -2.0 |
| DAGR 0820 Business Writing Cr.Hrs. 2 | -2.0 |

NET CHANGE IN CREDIT HOURS: -27.0

Soil Science

Deletions:

| | |
|--|------|
| SOIL 4530 Land Use and Environment Cr.Hrs. 3 | -3.0 |
|--|------|

NET CHANGE IN CREDIT HOURS: -3.0

Faculty of Architecture:

Modifications:

| | |
|--|-----|
| EVIE 3006 Interior Design Media Cr. Hrs. 3 | 0.0 |
| This course develops a student's ability to use drawing as a reflective, problem-solving, designing and visual communication tool; techniques for representing volume, depth and scale, and interfaces with digital photography and media are a focus. | |
| EVIE 4008 Digital Media (AutoCAD) Cr. Hrs. 3 | 0.0 |
| Focus on the concepts of building information modeling (BIM), parametric design, analysis, and construction documentation using current software. Demonstrates effect of this type of software on presentation and construction documentation through the use of intelligent building components and interdependent views of the building model, including acquisition of statistical and other quantitative information. Pre- or corequisite: EVIE 4008 or consent of instructor. | |
| EVIE 4014 Advanced Interior Design Media Cr. Hrs. 3 | 0.0 |
| This course focuses on the creation of two-dimensional architectural working drawings in a set of construction documents through the use of advanced features in CAD. Students will learn the concepts of formatting units, text, dimensions, multi-leaders, and layouts, using both non-annotative and annotative scaling techniques. How to use CAD software in a three-dimensional environment to create realistic shapes is also included. May not be held with EVIE 3670. | |

NET CHANGE IN CREDIT HOURS: 0.0

School of Art:

Deletions:

| | |
|---|------|
| FA 1270 Health Hazards in the Arts Cr.Hrs. 1 | -1.0 |
| FAAH 3210 Introduction to Theory and Criticism of Art Cr.Hrs. 3 | -3.0 |
| STDO 2710 Interdisciplinary Critique 1 Cr.Hrs. 3 | -3.0 |
| STDO 3970 Interdisciplinary Critique 2 Cr.Hrs. 3 | -3.0 |

Introductions:

STDO 2712 Interdisciplinary Studio 1 Cr. Hrs. 3 +3.0
Complementary to 2000-level Studio practice courses. Students will engage in discussion, readings and practical studio work. May not be held with STDO 2710. Prerequisites: twenty-one credit hours at 1000-level Studio courses.

STDO 3972 Interdisciplinary Studio 2 Cr.Hrs. 3 +3.0
Complementary to 2000-level and 3000-level Studio practice courses. Students will engage in discussion, readings, and practical studio work. May not be held with STDO 3970.
Prerequisites: twenty-one credit hours of 1000-level Studio courses.

FAAH 3212 Introduction to the Theory of Art Cr. Hrs. 3 +3.0
This lecture course is an introduction to major theoretical and critical approaches to art. The course will explore theories regarding formal aspects of art as well as social, cultural and ideological concerns, historically significant critical movements, and issues of production, exhibition and reception. May not be held with FAAH 3210. Prerequisites: FAAH 1030 and FAAH 1040; or FAAH 1050 and FAAH 1060.

Modifications:

STDO 2690 Special Topics in Studio Practice 1 Cr.Hrs. 3 0.0
Individual three credit hour courses offered in multiple discipline areas. Courses will provide opportunities for skill building, conceptual development and depth of topics of interest.
Prerequisites: twenty-one credit hours of 1000-level Studio courses or written permission of the instructor.

NET CHANGE IN CREDIT HOURS: -1.0

BFA General Degree (current, 94 credit hours)

Year 1 (34 credit hours)

| Course Number | | Credit Hours |
|-----------------------------|----------------------------|--------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| Written English Requirement | | 3 |
| Mathematics Requirement | | 3 |
| FA 1279 | Health Hazards in the Arts | 1 |
| | | 34 |

Year 2 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 18 |
| N/A | Art History Electives | 6 |
| N/A | Academic Electives | 6 |
| | | 30 |

Year 3 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 12 |
| N/A | Art History Electives | 12 |
| N/A | Academic Electives | 6 |
| | | 30 |

BFA General Degree (revised, 93 credit hours)

Year 1 (33 credit hours)

| Course Number | | Credit Hours |
|-----------------------------|------------------------|--------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| Written English Requirement | | 3 |
| Mathematics Requirement | | 3 |
| | | 33 |

Year 2 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 18 |
| N/A | Art History Electives | 6 |
| N/A | Academic Electives | 6 |
| | | 30 |

Year 3 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 12 |
| N/A | Art History Electives | 12 |
| N/A | Academic Electives | 6 |
| | | 30 |

BFA Honours Degree (current, 124 credit hours)**Year 1 (34 credit hours)**

| Course Number | | Credit Hours |
|-----------------------------|----------------------------|--------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| Written English Requirement | | 3 |
| Mathematics Requirement | | 3 |
| FA 1270 | Health Hazards in the Arts | 1 |
| | | 34 |

Year 2 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 21 |
| N/A | Art History Electives | 6 |
| N/A | Academic Electives | 6 |
| | | 33 |

Year 3 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 15 |
| N/A | Art History Electives | 12 |
| N/A | Academic Electives | 6 |
| | | 33 |

BFA Honours Degree (revised, 123 credit hours)**Year 1 (33 credit hours)**

| Course Number | | Credit Hours |
|-----------------------------|------------------------|--------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| Written English Requirement | | 3 |
| Mathematics Requirement | | 3 |
| | | |
| | | 33 |

Year 2 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 21 |
| N/A | Art History Electives | 6 |
| N/A | Academic Electives | 6 |
| | | 33 |

Year 3 (30 credit hours)

| Course Number | | Credit Hours |
|---------------|----------------------------|--------------|
| N/A | Fine Arts Studio Electives | 15 |
| N/A | Art History Electives | 12 |
| N/A | Academic Electives | 6 |
| | | 33 |

BFA Honours Degree (current, 124 credit hours)**Year 4 (30 credit hours)**

| Course Number | | Credit Hours |
|---------------|--------------------|--------------|
| STDO 4810 | Senior Studio 1 | 6 |
| STDO 4820 | Senior Studio 2 | 6 |
| STDO 4910 | Honours Seminar 1 | 3 |
| STDO 4920 | Honours Seminar 2 | 3 |
| N/A | Academic Electives | 6 |
| | | 24 |

BFA Honours Degree (revised, 123 credit hours)**Year 4 (30 credit hours)**

| Course Number | | Credit Hours |
|---------------|--------------------|--------------|
| STDO 4810 | Senior Studio 1 | 6 |
| STDO 4820 | Senior Studio 2 | 6 |
| STDO 4910 | Honours Seminar 1 | 3 |
| STDO 4920 | Honours Seminar 2 | 3 |
| N/A | Academic Electives | 6 |
| | | 24 |

Diploma in Art (current, 106 credit hours)**Year 1 (34 credit hours)**

| <u>Course Number</u> | | <u>Credit Hours</u> |
|----------------------|----------------------------|---------------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| FA 1270 | Health Hazards in the Arts | 1 |
| | | 28 |

Year 2 (27 credit hours)

| <u>Course Number</u> | | <u>Credit Hours</u> |
|----------------------|--|---------------------|
| Fine Arts Electives | | 3 |
| | Choose 24 credit hours from the following: | 24 |
| STDO 2220 | Painting 1 (6 cr hrs) | |
| STDO 2210 | Sculpture 1 (6 cr hrs) | |
| STDO 2230 | Ceramics (6 cr hrs) | |
| STDO 2250 | Drawing 1 (6 cr hrs) | |
| STDO 2500 | Intaglio A (3 cr hrs) | |
| STDO 2502 | Intaglio B (3 cr hrs) | |
| STDO 2510 | Silkscreen A (3 cr hrs) | |
| STDO 2512 | Silkscreen B (3 cr hrs) | |
| STDO 2520 | Lithography A (3 cr hrs) | |
| STDO 2522 | Lithography B (3 cr hrs) | |
| STDO 2610 | Video 1 (6 cr hrs) (3 cr hrs) | |
| STDO 2630 | Design Studio 1 (3 cr hrs) | |
| STDO 2640 | Design Studio 2 (3 cr hrs) | |
| | | 27 |

Diploma in Art (revised, 105 credit hours)**Year 1 (33 credit hours)**

| <u>Course Number</u> | | <u>Credit Hours</u> |
|----------------------|------------------------|---------------------|
| STDO 1210 | Drawing: Studio 1 | 3 |
| STDO 1240 | Figure Study 1 | 3 |
| STDO 1410 | Visual Language | 3 |
| STDO 1510 | Art Now | 3 |
| FA 1990 | First Year Field Trip | 0 |
| FAAH 1030 | Introduction to Art 1A | 3 |
| STDO 1250 | Drawing: Studio 2 | 3 |
| STDO 1450 | Open Studio 1 | 3 |
| STDO 1470 | Materials Studio | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| | | 27 |

Year 2 (27 credit hours)

| <u>Course Number</u> | | <u>Credit Hours</u> |
|----------------------|--|---------------------|
| Fine Arts Electives | | 3 |
| | Choose 24 credit hours from the following: | 24 |
| STDO 2220 | Painting 1 (6 cr hrs) | |
| STDO 2210 | Sculpture 1 (6 cr hrs) | |
| STDO 2230 | Ceramics (6 cr hrs) | |
| STDO 2250 | Drawing 1 (6 cr hrs) | |
| STDO 2500 | Intaglio A (3 cr hrs) | |
| STDO 2502 | Intaglio B (3 cr hrs) | |
| STDO 2510 | Silkscreen A (3 cr hrs) | |
| STDO 2512 | Silkscreen B (3 cr hrs) | |
| STDO 2520 | Lithography A (3 cr hrs) | |
| STDO 2522 | Lithography B (3 cr hrs) | |
| STDO 2610 | Video 1 (6 cr hrs) (3 cr hrs) | |
| STDO 2630 | Design Studio 1 (3 cr hrs) | |
| STDO 2640 | Design Studio 2 (3 cr hrs) | |
| | | 27 |

Diploma in Art (current, 106 credit hours)**Year 3 (27 credit hours)**

| Course Number | | Credit Hours |
|-------------------------|--|--------------|
| FA 3440 | Third Year Field Trip | 0 |
| School of Art Electives | | 3 |
| | Choose 24 credit hours from the following: | 24 |
| STDO 3330 | Advanced Drawing 2 (6 cr hrs) | |
| STDO 3370 | Advanced Ceramics (6 cr hrs) | |
| STDO 3420 | Advanced Painting (6 cr hrs) | |
| STDO 3460 | Advanced Sculpture (6 cr hrs) | |
| STDO 3480 | Advanced Photography (6 cr hrs) | |
| STDO 3830 | Advanced Printmaking A (3 cr hrs) | |
| STDO 3840 | Advanced Printmaking B (3 cr hrs) | |
| | | 27 |

Year 4 (24 credit hours)

| Course Number | | Credit Hours |
|---------------|--|--------------|
| STDO 4810 | Senior Studio 1 | 6 |
| STDO 4820 | Senior Studio 2 | 6 |
| | Choose 12 credit hours from the following: | 12 |
| STDO 4450 | Advanced Drawing 3 (6 cr hrs) | |
| STDO 4520 | Advanced Ceramics 2 (6 cr hrs) | |
| STDO 4530 | Advanced Painting 2 (6 cr hrs) | |
| STDO 4550 | Advanced Sculpture 2 (6 cr hrs) | |
| STDO 4700 | Advanced Photography 2 (6 cr hrs) | |
| | | 24 |

Diploma in Art (revised, 105 credit hours)**Year 3 (27 credit hours)**

| Course Number | | Credit Hours |
|-------------------------|--|--------------|
| FA 3440 | Third Year Field Trip | 0 |
| School of Art Electives | | 3 |
| | Choose 24 credit hours from the following: | 24 |
| STDO 3330 | Advanced Drawing 2 (6 cr hrs) | |
| STDO 3370 | Advanced Ceramics (6 cr hrs) | |
| STDO 3420 | Advanced Painting (6 cr hrs) | |
| STDO 3460 | Advanced Sculpture (6 cr hrs) | |
| STDO 3480 | Advanced Photography (6 cr hrs) | |
| STDO 3830 | Advanced Printmaking A (3 cr hrs) | |
| STDO 3840 | Advanced Printmaking B (3 cr hrs) | |
| | | 27 |

Year 4 (24 credit hours)

| Course Number | | Credit Hours |
|---------------|--|--------------|
| STDO 4810 | Senior Studio 1 | 6 |
| STDO 4820 | Senior Studio 2 | 6 |
| | Choose 12 credit hours from the following: | 12 |
| STDO 4450 | Advanced Drawing 3 (6 cr hrs) | |
| STDO 4520 | Advanced Ceramics 2 (6 cr hrs) | |
| STDO 4530 | Advanced Painting 2 (6 cr hrs) | |
| STDO 4550 | Advanced Sculpture 2 (6 cr hrs) | |
| STDO 4700 | Advanced Photography 2 (6 cr hrs) | |
| | | 24 |

BFA Art History General Degree (current, 91 credit hours)**Year 1 (30 credit hours)**

| Course Number | | Credit Hours |
|--|--|--------------|
| FAAH 1030 | Introduction to Art 1A | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| English Literature Requirement | | 3 |
| Mathematics Requirement | | 3 |
| Language Elective (French, German, or Italian recommended) | | 6 |
| Social Science or Science Electives | | 6 |
| Choose 6 credit hours from the following: | | 6 |
| HIST 1200 | History of Western Civilization (6 cr hrs) | |
| PHIL 1200 | Introduction to Philosophy (6 cr hrs) | |
| ASIA 1420/ ASIA 1430 | Asian Civilizations to 1500 (3 cr hrs) / Asian Civilization from 1500 (3 cr hrs) | |
| | | 30 |

Year 2 (31 Credit Hours)

| Course Number | | Credit Hours |
|--|---|--------------|
| FA 1270 | Health Hazards in the Arts | 1 |
| Academic or Studio Elective | | 6 |
| FA 1990 | First Year Field Trip | 0 |
| Required Studio Courses (choose 9 cr hrs from the following) | | 9 |
| STDO 1410 | Visual Language (3 cr hrs) | |
| STDO 1210 | Drawing: Studio 1 (3 cr hrs) | |
| STDO 1230 | Drawing: Figure Study 1 (1.5 cr hrs) | |
| STDO 1250 | Drawing: Studio 2 (3 cr hrs) | |
| Choose 15 credit hours from the following: | | 15 |
| CLAS 2670 | Greek Art and Archaeology (3 cr hrs) | |
| CLAS 2680 | Roman Art and Archaeology (3 cr hrs) | |
| FAAH 1100 | Survey of Asian Art (3 cr hrs) | |
| FAAH 2060 | Medieval to Early Renaissance Art and Architecture (3 cr hrs) | |
| FAAH 2070 | Renaissance to Baroque Art and Architecture (3 cr hrs) | |
| FAAH 2080 | Modern to Contemporary Art (3 cr hrs) | |
| FAAH 2090 | Art of North American Aboriginal Peoples (3 cr hrs) | |
| FAAH 2110 | Women and Art (3 cr hrs) | |
| RLGN 2570 | Indian Religious Art and Architecture (3 cr hrs) | |
| TXSC 2420 | History of Textiles (3 cr hrs) | |
| | | 31 |

BFA Art History General Degree (revised, 90 credit hours)**Year 1 (30 credit hours)**

| Course Number | | Credit Hours |
|--|--|--------------|
| FAAH 1030 | Introduction to Art 1A | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| English Literature Requirement | | 3 |
| Mathematics Requirement | | 3 |
| Language Elective (French, German, or Italian recommended) | | 6 |
| Social Science or Science Electives | | 6 |
| Choose 6 credit hours from the following: | | |
| HIST 1200 | History of Western Civilization | |
| PHIL 1200 | Introduction to Philosophy | |
| ASIA 1420/ ASIA 1430 | Asian Civilizations to 1500 (3 cr hrs) / Asian Civilization from 1500 (3 cr hrs) | |
| | | 30 |

Year 2 (30 Credit Hours)

| Course Number | | Credit Hours |
|--|---|--------------|
| Academic or Studio Elective | | 6 |
| FA 1990 | First Year Field Trip | 0 |
| Required Studio Courses (choose 9 cr hrs from the following) | | 9 |
| STDO 1410 | Visual Language (3 cr hrs) | |
| STDO 1210 | Drawing: Studio 1 (3 cr hrs) | |
| STDO 1230 | Drawing: Figure Study 1 (1.5 cr hrs) | |
| STDO 1250 | Drawing: Studio 2 (3 cr hrs) | |
| Choose 15 credit hours from the following: | | 15 |
| CLAS 2670 | Greek Art and Archaeology (3 cr hrs) | |
| CLAS 2680 | Roman Art and Archaeology (3 cr hrs) | |
| FAAH 1100 | Survey of Asian Art (3 cr hrs) | |
| FAAH 2060 | Medieval to Early Renaissance Art and Architecture (3 cr hrs) | |
| FAAH 2070 | Renaissance to Baroque Art and Architecture (3 cr hrs) | |
| FAAH 2080 | Modern to Contemporary Art (3 cr hrs) | |
| FAAH 2090 | Art of North American Aboriginal Peoples (3 cr hrs) | |
| FAAH 2110 | Women and Art (3 cr hrs) | |
| RLGN 2570 | Indian Religious Art and Architecture (3 cr hrs) | |
| TXSC 2420 | History of Textiles (3 cr hrs) | |
| | | 30 |

BFA Art History General Degree (current, 91 credit hours)**Year 3 (30 credit hours)**

| Course Number | | Credit Hours |
|---|---|--------------|
| FAAH 3210 | Introduction to Theory and Criticism | 3 |
| FAAH 3440 | Third Year Field Trip | 0 |
| Studio Electives (9 cr hrs at 1000lvl or 6 cr hrs at 2000lvl) | | 9 or 6 |
| Art History Electives | | 15 or 18 |
| | Choose one of the Following: | |
| FAAH 3260 | Canadian Art and Architecture to World War II | 3 |
| FAAH 3270 | Canadian Art Since World War II | 3 |
| | | 30 |

BFA Art History General Degree (revised, 90 credit hours)**Year 3 (30 credit hours)**

| Course Number | | Credit Hours |
|---|---|--------------|
| FAAH 3212 | Introduction to the Theory of Art | 3 |
| FAAH 3440 | Third Year Field Trip | 0 |
| Studio Electives (9 cr hrs at 1000lvl or 6 cr hrs at 2000lvl) | | 9 or 6 |
| Art History Electives | | 15 or 18 |
| | Choose one of the Following: | |
| FAAH 3260 | Canadian Art and Architecture to World War II | 3 |
| FAAH 3270 | Canadian Art Since World War II | 3 |
| | | 30 |

*Course was deleted in May 2012 . The School of Art will forward a correction to the curricula for the Art History degrees to SCCC in the spring of 2014.

BFA Art History Honours Degree (current, 121 credit hours)**Year 1 (30 credit hours)**

| Course Number | | Credit Hours |
|--|--|--------------|
| FAAH 1030 | Introduction to Art 1A | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| English Literature Requirement | | 3 |
| Mathematics Requirement | | 3 |
| Language Elective (French, German, or Italian recommended) | | 6 |
| Social Science or Science Electives | | 6 |
| Choose 6 credit hours from the following: | | 6 |
| HIST 1200 | History of Western Civilization (6 cr hrs) | |
| PHIL 1200 | Introduction to Philosophy (6 cr hrs) | |
| ASIA 1420/ ASIA 1430 | Asian Civilizations to 1500 (3 cr hrs) / Asian Civilization from 1500 (3 cr hrs) | |
| | | 30 |

Year 2 (31 Credit Hours)

| Course Number | | Credit Hours |
|--|---|--------------|
| FA 1270 | Health Hazards in the Arts | 1 |
| Academic or Studio Elective | | 6 |
| FA 1990 | First Year Field Trip | 0 |
| Required Studio Courses (choose 9 cr hrs from the following) | | 9 |
| STDO 1410 | Visual Language (3 cr hrs) | |
| STDO 1210 | Drawing: Studio 1 (3 cr hrs) | |
| STDO 1230 | Drawing: Figure Study 1 (1.5 cr hrs) | |
| STDO 1250 | Drawing: Studio 2 (3 cr hrs) | |
| Choose 15 credit hours from the following: | | 15 |
| CLAS 2670 | Greek Art and Archaeology (3 cr hrs) | |
| CLAS 2680 | Roman Art and Archaeology (3 cr hrs) | |
| FAAH 1100 | Survey of Asian Art (3 cr hrs) | |
| FAAH 2060 | Medieval to Early Renaissance Art and Architecture (3 cr hrs) | |
| FAAH 2070 | Renaissance to Baroque Art and Architecture (3 cr hrs) | |
| FAAH 2080 | Modern to Contemporary Art (3 cr hrs) | |
| FAAH 2090 | Art of North American Aboriginal Peoples (3 cr hrs) | |
| FAAH 2110 | Women and Art (3 cr hrs) | |
| RLGN 2570 | Indian Religious Art and Architecture (3 cr hrs) | |
| TXSC 2420 | History of Textiles (3 cr hrs) | |
| | | 31 |

BFA Art History Honours Degree (revised, 120 credit hours)**Year 1 (30 credit hours)**

| Course Number | | Credit Hours |
|--|--|--------------|
| FAAH 1030 | Introduction to Art 1A | 3 |
| FAAH 1040 | Introduction to Art 2A | 3 |
| English Literature Requirement | | 3 |
| Mathematics Requirement | | 3 |
| Language Elective (French, German, or Italian recommended) | | 6 |
| Social Science or Science Electives | | 6 |
| Choose 6 credit hours from the following: | | |
| HIST 1200 | History of Western Civilization (6 cr hrs) | |
| PHIL 1200 | Introduction to Philosophy (6 cr hrs) | |
| ASIA 1420/ ASIA 1430 | Asian Civilizations to 1500 (3 cr hrs) / Asian Civilization from 1500 (3 cr hrs) | |
| | | 30 |

Year 2 (30 Credit Hours)

| Course Number | | Credit Hours |
|--|---|--------------|
| Academic or Studio Elective | | 6 |
| FA 1990 | First Year Field Trip | 0 |
| Required Studio Courses (choose 9 cr hrs from the following) | | 9 |
| STDO 1410 | Visual Language (3 cr hrs) | |
| STDO 1210 | Drawing: Studio 1 (3 cr hrs) | |
| STDO 1230 | Drawing: Figure Study 1 (1.5 cr hrs) | |
| STDO 1250 | Drawing: Studio 2 (3 cr hrs) | |
| Choose 15 credit hours from the following: | | 15 |
| CLAS 2670 | Greek Art and Archaeology (3 cr hrs) | |
| CLAS 2680 | Roman Art and Archaeology (3 cr hrs) | |
| FAAH 1100 | Survey of Asian Art (3 cr hrs) | |
| FAAH 2060 | Medieval to Early Renaissance Art and Architecture (3 cr hrs) | |
| FAAH 2070 | Renaissance to Baroque Art and Architecture (3 cr hrs) | |
| FAAH 2080 | Modern to Contemporary Art (3 cr hrs) | |
| FAAH 2090 | Art of North American Aboriginal Peoples (3 cr hrs) | |
| FAAH 2110 | Women and Art (3 cr hrs) | |
| RLGN 2570 | Indian Religious Art and Architecture (3 cr hrs) | |
| TXSC 2420 | History of Textiles (3 cr hrs) | |
| | | 30 |

BFA Art History Honours Degree (current, 121 credit hours)**Year 3 (30 credit hours)**

| Course Number | | Credit Hours |
|---|---|--------------|
| FAAH 3210 | Introduction to Theory and Criticism | 3 |
| FAAH 3440 | Third Year Field Trip | 0 |
| Studio Electives (9 cr hrs at 1000lvl or 6 cr hrs at 2000lvl) | | 9 or 6 |
| Art History Electives | | 15 or 18 |
| | Choose one of the Following: | 3 |
| FAAH 3260 | Canadian Art and Architecture to World War II (3cr hrs) | |
| FAAH 3270 | Canadian Art Since World War II (3 cr hrs) | |
| | | 30 |

Year 4 (30 credit hours)

| Course Number | | Credit Hours |
|--|--|--------------|
| Art History Electives** | | 18 |
| Other Academic and/or Studio Electives** | | 12 |
| | | 30 |

BFA Art History Honours Degree (revised, 120 credit hours)**Year 3 (30 credit hours)**

| Course Number | | Credit Hours |
|---|---|--------------|
| FAAH 3212 | Introduction to the Theory of Art | 3 |
| FAAH 3440 | Third Year Field Trip | 0 |
| Studio Electives (9 cr hrs at 1000lvl or 6 cr hrs at 2000lvl) | | 9 or 6 |
| Art History Electives | | 15 or 18 |
| | Choose one of the Following: | 3 |
| FAAH 3260 | Canadian Art and Architecture to World War II (3cr hrs) | |
| FAAH 3270 | Canadian Art Since World War II (3 cr hrs) | |
| | | 30 |

Year 4 (30 credit hours)

| Course Number | | Credit Hours |
|--|--|--------------|
| Art History Electives** | | 18 |
| Other Academic and/or Studio Electives** | | 12 |
| | | 30 |

*Course was deleted in May 2012 . The School of Art will forward a correction to the curricula for the Art History degrees to SCCCC in the spring of 2014.

**Honours students wishing to take more than 18 credit hours of Art History may use their academic electives to do so.

Faculty of Arts

Anthropology

Modifications:

ANTH 4760 Practicum in Archaeology Cr.Hrs. 3 0.0
(Formerly 076.476) This course is designed to provide advanced undergraduate students in archaeology with individualized practical experience in different aspects of archaeology by working with professional archaeologists. Prerequisite: [a grade of "C" or better in ANTH 2100 (076.210) or the former 076.290] and written consent of instructor.

NET CHANGE IN CREDIT HOURS: 0.0

Program introduction: Double Advanced Major in Anthropology

Anthropology

- Introducing Double Advanced Major Program

Added material

Deleted material

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|---|--------|--------|
| SINGLE ADVANCED MAJOR⁴ TOTAL: 48 CREDIT HOURS | | | |
| ANTH 1210 and ANTH 1220 (or ANTH 1520) | <ul style="list-style-type: none">• ANTH 2000, ANTH 2100, ANTH 2860, ANTH 3470, ANTH 4850• ANTH 2020 or ANTH 2530• 3 credit hours from: ANTH 2820, ANTH 2890, ANTH 3720, ANTH 3730, ANTH 3930, ANTH 3950, ANTH 3980, ANTH 3990• 3 credit hours from courses at the 4000 level³• 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} | | |
| DOUBLE ADVANCED MAJOR⁴ TOTAL: 42 CREDIT HOURS | | | |
| <u>ANTH 1210 and ANTH 1220 (or ANTH 1520)</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>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> | | |
| NOTES: | | | |
| ¹ No more than 6 credit hours may be taken from ANTH 4830 or ANTH 4840. | | | |
| ² ANTH 2370 is recommended. | | | |
| ³ Courses NATV 2070 and NATV 2080 offered by the Department of Native Studies may be used to satisfy this requirement in the General Major, Single Advanced Major and Honours programs. | | | |
| ⁴ 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). | | | |

Asian Studies

Deletions:

ASIA 2660 Modern Chinese Literature in Translation Cr.Hrs. 6 -6.0

Introductions:

ASIA 2610 Modern Chinese Literature in Translation Cr.Hrs. 3 +3.0
A study of 20th and 21st century Chinese literature (in English translation) from the May 4th Movement to the present. With a special focus on prose fiction, students will be introduced to the historical and critical context of literary production in modern China. Lectures and texts in English. Students may not hold credit for both ASIA 2610 and the former ASIA 2660 (150.266).

ASIA 2662 Chinese Diaspora Literature Cr.Hrs. 3 +3.0
This course focuses on the contemporary literature of the Chinese diaspora. Through a reading of prose fiction by writers of Chinese ethnicity living in locations like Taiwan, Hong Kong, Southeast Asia, Australia and North America, we will explore the notion of "different ways of being Chinese". Some of the material studied will have been originally written in English, but much of it will be read in English translation. Lectures and texts in English.

ASIA 3520 The Japanese Theatre Cr.Hrs. 3 +3.0
(Lab required) An overview and practical introduction to the Japanese theatre. Combines the study of theatre history and representative traditional and modern genres (kagura, nō, kyōgen, kabuki, bunraku, shingeki) with training in traditional movement and dance, and the performance of short, kyōgen plays. Prerequisite: [a grade of "C" or better in at least one of: ASIA 1770 (150.177) or ASIA 2620 (150.262) or THTR 1220 (154.122)] or written consent of instructor.

ASIA 3750 Advanced Korean Cr.Hrs. 6 +6.0
A continuation of the study of spoken and written Korean for students who have successfully completed ASIA 2750. Students will engage in group projects, discussions, and presentations on topics covered in the course and in a range of communicative situations. Students will also be introduced to authentic examples of Korean novels, essays, journal articles, movies, TV dramas, and selections from Korean history and arts. Students who have received all or a portion of their elementary or secondary education in the Korean language may not normally enroll except by special permission of the instructor. Prerequisite: [a grade of "C" or better in ASIA 2750] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: +9.0

Program modifications (Asian Studies):

Asian Studies

- Modifying List A Courses Acceptable for Asian Studies Credit

Added material

~~Deleted material~~

| List A | Courses Acceptable for Asian Studies Credit | | History | |
|--|--|----------------|--------------------------|--|
| Course No. | | Cr. Hrs | | |
| Faculty of Arts | | | | |
| Anthropology | | | | |
| ANTH 2450 | Ethnology of China | 3 | HIST 1410* | Asian Civilizations (Same as the former 150.141) 6 |
| Asian Studies Asian Languages | | | HIST 1420 | Asian Civilizations to 1500 (Same as ASIA 1420) 3 |
| ASIA 1750 | Introduction to Korean | 6 | HIST 1430 | Asian Civilizations from 1500 (Same as ASIA 1430) 3 |
| ASIA 1760 | Introduction to Chinese (Mandarin) | 6 | HIST 2050 | South Asia Since 1947 3 |
| ASIA 1770 | Introduction to Japanese | 6 | HIST 2130 | Emergence of Modern South Asia: 1757-1947 3 |
| ASIA 1780 | Basic Sanskrit | 6 | HIST 2410 | History of India 6 |
| ASIA 1790 | Basic Hindi-Urdu | 6 | HIST 2650 | Modern China and Japan 6 |
| ASIA 2340* | Special Studies in Epic and Pauranic Sanskrit 1 | 3 | HIST 2654 | History of the People's Republic of China, 1949-Present 3 |
| ASIA 2350* | Special Studies in Epic and Pauranic Sanskrit 2 | 3 | HIST 3090 | Studies in Asian History 3 |
| ASIA 2360* | Mandarin Comprehension | 6 | HIST 3580 | Topics in Recent World History 1 [Acceptable for credit only when the topic is Asia related] 3 |
| ASIA 2750 | Intermediate Korean | 6 | HIST 3960* | China, 1911 to the Present 3 |
| ASIA 2760 | Intermediate Chinese (Mandarin) | 6 | HIST 3980 | Nationalism on the Indian Sub-Continent in the Twentieth Century 3 |
| ASIA 2770 | Intermediate Japanese | 6 | HIST 4070 | Issues in Modern Asian History 1: Selected Topics (M,B) 3 |
| ASIA 2780 | Intermediate Sanskrit | 6 | HIST 4080 | Issues in Modern Asian History 2: Selected Topics (M,B) 3 |
| ASIA 2790* | Intermediate Hindi-Urdu | 6 | HIST 4200* | Modern South Asia: Colonialism, Nationalism, and Modernization 3 |
| ASIA 3660 | Advanced Mandarin Comprehension | 6 | HIST 4940* | Revolutionary China: A Century of Upheaval, 1870 to Present 6 |
| ASIA 3750 | Advanced Korean | 6 | Political Studies | |
| ASIA 3760 | Advanced Chinese (Mandarin) | 6 | POLS 2020* | Asian Politics 6 |
| ASIA 3770 | Advanced Japanese | 6 | Religion | |
| ASIA 3790* | Advanced Hindi-Urdu | 6 | RLGN 1320 | Introduction to World Religions 6 |
| ASIA 3792 | Linguistic Analysis of Japanese | 3 | RLGN 1321 | Introduction aux religion du monde 6 |
| Asian Studies Other Asian courses | | | RLGN 2010 | Introduction to Hinduism (B) 3 |
| ASIA 1420 | Asian Civilizations to 1500 (Same as HIST 1420) | 3 | RLGN 2020 | Introduction to Buddhism (B) 3 |
| ASIA 1430 | Asian Civilizations from 1500 (Same as HIST 1430) | 3 | RLGN 2540* | Modern Movements in World Religions 6 |
| ASIA 2070* | South Asian Civilization | 6 | RLGN 2570 | Indian Religious Art and Architecture 3 |
| ASIA 2080 | South Asian Civilization | 3 | RLGN 2700 | Religions of China and Japan 6 |
| ASIA 2570 | History, Culture and Society in Chinese Film | 3 | RLGN 3150 | Buddhism in East Asia (B) 3 |
| ASIA 2580 | Women in Chinese Film | 3 | RLGN 3160 | Tibetan Religious Traditions (B) 3 |
| ASIA 2600 | Japanese Film | 3 | RLGN 3210 | Indian Philosophy (B) 3 |
| ASIA 2610 | Modern Chinese Literature in Translation | 3 | RLGN 3220 | Indian Religion and Society (C) 3 |
| ASIA 2620 | Japanese Civilization | 3 | RLGN 3260 | Indian Buddhism (B) 3 |
| ASIA 2630 | Chinese Civilization | 3 | RLGN 3266 | Readings in Buddhist Texts (B) 3 |
| ASIA 2650 | Premodern Chinese Literature in Translation | 3 | RLGN 3270 | Guru and Disciple (B) 3 |
| ASIA 2660* | Modern Chinese Literature in Translation | 6 | RLGN 3750 | Topics in Indian Religious Art and Architecture 3 |
| ASIA 2662 | Chinese Diaspora Literature | 3 | RLGN 4060 | The Yoga Tradition (B) 3 |
| ASIA 2670 | Modern Japanese Literature in Translation | 3 | RLGN 4100 | Advanced Studies in Buddhism (B) 3 |
| ASIA 3480 | Selected Topics in Asian Studies 1 | 3 | RLGN 4190 | Advanced Studies in Hinduism (B) 3 |
| ASIA 3490 | Selected Topics in Asian Studies 2 | 3 | 020.266* | Religions of Indian Origin 6 |
| ASIA 3520 | The Japanese Theatre | 3 | 020.374* | Studies in Asian Religions 6 |
| ASIA 3560 | Themes and Genres in Asian Literature | 3 | 020.441* | Masters of Spiritual Life 6 |
| ASIA 3600 | Japanese Popular Culture | 3 | 020.445* | Topics in Comparative Religion 6 |
| ASIA 3650* | Masterpieces of Asian Literature | 6 | Sociology | |
| 150.141* | Asian Civilizations (Same as HIST 1410) | 6 | SOC 3690* | Sociology of the Developing Societies 3 |
| 150.211* | East Asian Civilization | 6 | School of Art | |
| English, Film, and Theatre | | | FAAH 2100* | Survey of Asian Art 3 |
| FILM 2380 | The International Cinema 1 [Acceptable for credit only when the topic is Asia related] | 3 | FAAH 3230 | Chinese Art and Architecture 3 |
| FILM 2390 | The International Cinema 2 [Acceptable for credit only when the topic is Asia related] | 3 | FAAH 3240 | Japanese Art and Architecture 3 |

| | |
|---|---|
| FAAH 3590 Islamic Art and Architecture | 3 |
| Clayton H. Riddell Faculty of Environment, Earth, and Resources | |
| Geography | |
| GEOG 2490* Geography of Modern China | 3 |
| GEOG 3590 Geography of Developing Countries | 6 |
| * Indicates course no longer offered. | |

Catholic Studies

Introductions:

CATH 2200 Catholicism and Human Sexuality Cr.Hrs. 3 +3.0

This course explores the Catholic Church's understanding of sexual expression with a focus on topics such as reciprocity and performance, fidelity, romantic love, sexual identities, and intimacy with special attention given to the works of Pope John Paul II and other contemporary Catholic thinkers. Students may not hold credit for both CATH 2200 and CATH 2000 when titled "Catholicism and Sexual Expression." Prerequisite: [a grade of "C" or better in CATH 1190 (160.119)] or written consent of instructor.

CATH 3900 Catholic Social Teaching Cr.Hrs. 3 +3.0

An introduction to Catholic social teaching with a dual focus on critical theory and praxis. Students will engage the Church's position on issues such as human dignity, solidarity with minority and oppressed populations, the common good, subsidiarity, rights and responsibilities, as well as the preferential option for the poor. Prerequisite: [a grade of "C" or better in each of CATH 1190 (160.119) and an additional 3 credit hours of CATH courses] or written consent of instructor.

Modifications:

CATH 2010 Literature and Catholic Culture 1 Cr.Hrs. 3 0.0

The course will focus on the portrayals of Catholic Culture in literature of the 20th Century prior to Vatican II Council. Students will also study the formal features of poetry, drama, and prose focusing on the Catholic Tradition. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)] or written consent of instructor.

CATH 2020 Literature and Catholic Culture 2 Cr.Hrs. 3 0.0

The course will focus on the portrayals of Catholic Culture in literature of the 20th and 21st Century following Vatican II Council. Students will also study the formal features of poetry, drama, and prose involving the Catholic Tradition. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: +6.0

Program modifications (Catholic Studies):

Catholic Studies

- **Modifying Minor (Concentration) Program**
- **Modifying List of Approved Courses in Catholic Studies**

Added material

~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|--------|--------|
| MINOR (CONCENTRATION) TOTAL: 18 CREDIT HOURS | | | |
| CATH 1190 and at least 3 credit hours from the List of Approved Courses in Catholic Studies | <ul style="list-style-type: none"> • <u>RLGN-3870-CATH 3900</u> • 9 credit hours from the List of Approved Courses in Catholic Studies | | |

List of Approved Courses in Catholic Studies

Faculty of Arts

Catholic Studies

| | | |
|------------------|---|----------|
| CATH 1190 | Introduction to Catholic Studies | 3 |
| CATH 2000 | Special Topics in Catholic Studies | 3 |
| CATH 2010 | Literature and Catholic Culture 1 | 3 |
| CATH 2020 | Literature and Catholic Culture 2 | 3 |
| CATH 2100 | Field Studies in Catholic Culture | 6 |
| <u>CATH 2200</u> | <u>Catholicism and Human Sexuality</u> | <u>3</u> |
| <u>CATH 3900</u> | <u>Catholic Social Teaching</u> | <u>3</u> |
| History | | |
| HIST 2180 | The History of Catholicism to 1540 (G) | 3 |
| HIST 2990 | The History of Catholicism since 1540 (G) | 3 |
| HIST 2991 | Histoire de l'Église catholique depuis 1540 (G) | 3 |
| HIST 4820* | The Crusades (D) | 6 |
| Philosophy | | |
| PHIL 2320* | Thomas Aquinas and Medieval Philosophy | 6 |
| PHIL 2780 | Thomas Aquinas | 3 |
| Religion | | |
| RLGN 2840 | The Second Vatican Council (A) | 3 |
| RLGN 2850 | Contemporary Issues in Roman Catholicism (A) | 3 |
| RLGN 3870 | The Thought of Bernard Lonergan (A) | 3 |

School of Art

Art History

| | | |
|-----------|--|---|
| FAAH 2060 | Medieval to Early Renaissance Art and Architecture | 3 |
| FAAH 2070 | Renaissance to Baroque Art and Architecture | 3 |
| FAAH 3130 | Topics in Medieval Art and Architecture | 3 |
| FAAH 3140 | Topics in Renaissance and Baroque Art and Architecture | 3 |
| FAAH 3280 | Early Byzantine Art and Architecture | 3 |

* Indicates course no longer offered.

Classics

Introductions:

CLAS 3682 Greek and Roman Epic Cr.Hrs. 3 +3.0

The core readings in this course will consist of contemporary English translations of a substantial portion of the Greek and Latin epic corpus, including complete or partial works by Homer, Apollonius Rhodius, Vergil, Ovid, Lucan and Statius. The classical epics will be studied with reference to their place in literary and cultural history. Students may not hold credit for both CLAS 3682 and CLAS 3680 (003.368) when titled "Greek and Roman Epic Poetry."

CLAS 3684 Greek and Roman Tragedy Cr.Hrs. 3 +3.0

This course examines the tragic drama of fifth-century Athens and imperial Rome (in translation), with particular emphasis on the extant plays of Aeschylus, Sophocles, Euripides, and Seneca in their respective historical, intellectual and cultural contexts. Students may not hold credit for both CLAS 3684 and CLAS 3680 (003.368) when titled "Greek and Roman Tragedy."

Modifications:

CLAS 3250 Aegean and Italian Prehistory Cr.Hrs. 3 0.0

This course provides a detailed archaeological and historical view of Mediterranean culture and society from the Neolithic period of the sixth millennium BC through the early centuries of the first millennium BC. The course ends with a look ahead to the Early Iron Age. Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 2140, CLAS 2150, ANTH 2060 (076.206), FAAH 1030 (054.103), HIST 1200 (011.120), HIST 1201 (011.120), HIST 1350 (011.135)] or written consent of department head.

CLAS 3260 Hellenistic Civilization: History and Archaeology Cr.Hrs. 3 0.0

The Hellenistic period spans the years from the death of Alexander the Great in 323 BC to the death of the Ptolemaic queen Cleopatra VII in 31 BC. This course explores both the political and, more generally, the cultural history of the period using both textual and archaeological sources. Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 1280 (003.128), CLAS 2140, CLAS 2150, FAAH 1030 (054.103), HIST 1200 (011.120), HIST 1201 (011.120), HIST 1350 (011.135)] or written consent of department head.

CLAS 3264 Pompeii and Herculaneum Cr.Hrs. 3 0.0

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." Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 1280 (003.128), CLAS 2160, CLAS 2170, CLAS 2680 (003.268), FAAH 1030 (054.103), HIST 1200 (011.120), HIST 1201 (011.120), HIST 1350 (011.135)] or written consent of department head.

CLAS 3270 The World of Late Antiquity: History and Archaeology Cr.Hrs. 3 0.0

This course examines the later Roman Empire, beginning with the reign of Constantine in the early fourth century and ending in the early fifth century. It combines historical and archaeological sources for the study of political, religious and social developments within the period. Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 1280

(003.128), CLAS 2170, CLAS 2680 (003.268), FAAH 1030 (054.103), HIST 1200 (011.120), HIST 1201 (011.120), HIST 1350 (011.135)] or written consent of department head.

CLAS 3650 Religion in Ancient Greece Cr.Hrs. 3 0.0
(Formerly 003.365) The religious beliefs and practices of the Greeks from the prehistoric period through the beginnings of the Hellenistic period as related to their political, social, intellectual, and domestic institutions; based on the study of both literary and archaeological evidence. Prerequisite: [a grade of "C" or better in one of: CLAS 1270 (003.127), CLAS 2140, CLAS 2150, CLAS 2520 (003.252), CLAS 2670 (003.267), RLGN 3640 (020.364)] or written consent of department head.

CLAS 3660 Religion in Ancient Rome Cr.Hrs. 3 0.0
(Formerly 003.366) The religious beliefs and practices of the Romans from earliest times until the reign of Constantine as related to their political, social, intellectual, and domestic institutions; based on the study of both literary and archaeological evidence from Italy and the rest of the Roman world. Prerequisite: [a grade of "C" or better in one of: CLAS 1280 (003.128), CLAS 2160, CLAS 2170, CLAS 2520 (003.252), CLAS 2680 (003.268), RLGN 3640 (020.364)] or written consent of department head.

CLAS 3710 Aspects of Classical Culture 1 Cr.Hrs. 3 0.0
(Formerly 003.371) The content of this course will vary, being devoted each time to the investigation of a special area of Classical civilization such as athletics, technology, the erotic, the occult, cuisine, law, medicine, architecture, education. Lectures and discussions will be based on the study of both archaeological and literary evidence. Prerequisite: [a grade of "C" or better in CLAS 1270 (003.127) or CLAS 1280 (003.128)] or written consent of department head. 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: +6.0

Economics

Program modifications:

Economics

- Modifying General Major Program

Added material

Deleted material

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|--|--------|--------|
| GENERAL MAJOR^{1,2} TOTAL: 30 CREDIT HOURS | | | |
| Both ECON 1010 and ECON 1020, or both ECON 1210 and ECON 1220, or the former ECON 1200 ⁶ | <ul style="list-style-type: none">• Two of: ECON 2450³, ECON 2460³, ECON 2470³, ECON 2480³ <u>ECON 2450², ECON 2470²</u>• An additional 18 credit hours in Economics, of which at least 6 hours must be from courses numbered at the 3000 level | | |
| NOTES: | | | |
| <p>¹ For the purposes of satisfying program requirements in the Major, Advanced Major and Minor (Concentration) programs, and of satisfying course prerequisites, Honours courses are acceptable as substitutes for general courses according to the following schedule: ECON 2700 for ECON 2450; ECON 3700 for ECON 2460; ECON 2800 for ECON 2470; ECON 3800 for ECON 2480. For each pair, students may hold credit for only one course.</p> | | | |
| <p>² In cases where students have been granted three hours of unallocated transfer credit in Economics at the 1000 level, and have achieved additional credits in Economics from The University of Manitoba, and wish to declare Economics as a General Major without having full credit in ECON 1200, then the Years 2-3 requirement for a Major in Economics will be ECON 2450 and ECON 2470, plus an additional 18 credit hours in Economics of which at least 6 hours must be at the 3000 level.</p> | | | |
| <p>³ Students in the Advanced Major are urged to take ECON 2450, ECON 2460, ECON 2470 and ECON 2480 in Year 2, but must take at least two of these courses in Year 2.</p> | | | |
| <p>⁴ Course ECON 4820 or ECON 4830 may not be taken until the final year of the program and only after students have successfully completed ECON 3170 and ECON 3180, plus all of the following: ECON 2450, ECON 2460, ECON 2470, ECON 2480. A grade of "C" or better in each course is required.</p> | | | |
| <p>⁵ For the purpose of satisfying program requirements in the Honours programs and of satisfying course prerequisites, General theory courses are acceptable substitutes for Honours theory courses according to the following schedule: As substitute for ECON 2700, ONE of the following conditions must be satisfied: (i) grades of B or better in each of ECON 2450 and ECON 2460; (ii) a grade of A or better in ECON 2450. As substitute for ECON 2800, ONE of the following conditions must be satisfied: (i) grades of B or better in each of ECON 2470 and ECON 2480; (ii) a grade of A or better in ECON 2470.</p> | | | |
| <p>⁶ To meet a minimum required background in mathematics, Single Honours students must complete 6 credit hours in Mathematics in Year 2 (or Year 3 with departmental approval). Students contemplating entering the Single Honours Program in Economics are advised to take the Mathematics requirement in their first year of studies. Students contemplating graduate work in Economics should refer to the notes above "Preparation for Graduate Studies."</p> | | | |
| <p>⁷ Students contemplating Double Honours in Economics and Mathematics are advised to consult the Department of Economics for specific details.</p> | | | |
| <p>⁸ A maximum of 6 credit hours at the 1000 level may be used towards a Major, Minor (Concentration) or Honours Program.</p> | | | |
| <p>⁹ Ancillary options are courses taken from outside the Honours field of study.</p> | | | |
| <p>¹⁰ Honours courses: ECON 2700, ECON 2800, ECON 3700, ECON 3800, ECON 3810 and all 4000 level courses.</p> | | | |

English, Film, and Theatre

Deletions:

ENGL 1310 Literary Topics 1 Cr.Hrs. 3 -3.0

Introductions:

ENGL 1400 Thematic Approaches to the Study of Literature Cr.Hrs. 3 -3.0

An introduction to the study of literature, with emphasis on the development of reading and writing skills. Poetry, prose, and drama from various thematic perspectives. Texts for each section will be announced. English 40S or the former English 300 are strongly recommended, but English 40G or the former 301 or 305 will also be accepted. Students may not hold credit for both ENGL 1400 and the former ENGL 1310 (004.131).

Modifications:

ENGL 2070 Literature of the Sixteenth Century Cr.Hrs. 6 0.0

(Formerly 004.207) A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold credit for both ENGL 2070 (004.207) and ENGL 2071 (004.207).

Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (or the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2080 Medieval Literature Cr.Hrs. 6 0.0

(Formerly 004.208) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (or the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2090 Literature of the Seventeenth Century Cr.Hrs. 6 0.0

(Formerly 004.209) A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold credit for both ENGL 2090 (004.209) and ENGL 2091 (004.209).

Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (or the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2120 Literature of the Restoration and Eighteenth Century Cr.Hrs. 6 0.0

(Formerly 004.212) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (or the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2130 Literature of the Romantic Period Cr.Hrs. 6 0.0

(Formerly 004.213) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2140 Literature of the Victorian Period Cr.Hrs. 6 0.0
(Formerly 004.214) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2160 British Literature since 1900 Cr.Hrs. 6 0.0
(Formerly 004.216) A survey of poetry, prose and drama by major and minor writers in historical context. Students may not hold credit for both ENGL 2160 (004.216) and ENGL 2161 (004.216). Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2170 American Literature to 1900 Cr.Hrs. 6 0.0
(Formerly 004.217) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2180 American Literature since 1900 Cr.Hrs. 6 0.0
(Formerly 004.218) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2190 Special Topics Cr.Hrs. 3 0.0
(Formerly 004.219) Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)]. As the course content will vary from year to year, students may take this course more than once for credit.

ENGL 2270 Canadian Literature Cr.Hrs. 6 0.0
(Formerly 004.227) A survey of poetry, prose and drama by major and minor writers in historical context. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2490 Literature in Translation Cr.Hrs. 3 0.0
(Formerly 004.249) Content of this course will vary from year to year and from section to section. See the course descriptions available from the English Department. Each section of this course will be double-numbered with the department of the instructor teaching the course. Restrictions: See note 4 in the program table under section 8.10.2 English. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)]. As the course content will vary from year to year, students may take this course more than once for credit.

ENGL 2550 Critical Practise Cr.Hrs. 3 0.0
(Formerly 004.255) An introduction to the critical idioms and methods for the analysis of literary texts. This course emphasizes the application of critical idioms and methods in the analysis of

literary texts. Students may not hold credit for both ENGL 2550 (004.255) and the former ENGL 2800 (004.280). Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2570 The Novel Cr.Hrs. 6 0.0
(Formerly 004.257) A survey of the development of the novel as a genre. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2600 Writing and Gender Cr.Hrs. 3 0.0
(Formerly 004.260) The literary representation of gender, the influence of the author's gender on writing, and other issues of gender in literature. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2640 History of Critical Theory: From Plato to the Present Cr.Hrs. 6 0.0
(Formerly 004.264) A survey of critical theory, with some emphasis on application. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2760 Introductory Creative Writing Cr.Hrs. 3 0.0
(Formerly 004.276) Offers students the chance to explore the basic forms of creative writing - poetry, fiction, and drama - whether or not they have made previous formal attempts to write in these forms. A sample of the student's writing is not required for admission to this course. The format is seminar and workshop and will include, as needed, lectures on the fundamentals of creative writing. Students may not register concurrently for ENGL 2760 (004.276) or any of: ENGL 3500 (004.350) or ENGL 3790 (004.379). Not open to students who have previously obtained credit for any of ENGL 3500 (004.350) or ENGL 3790 (004.379). Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2830 Literature of Africa and/or the Caribbean Cr.Hrs. 3 0.0
(Formerly 004.283) This course will explore the literatures of Africa and the Caribbean by writers from Nigeria, South Africa, Kenya, Zimbabwe, Grenada, Jamaica, and/or Trinidad. We will also examine the theories often associated with postcolonialism - theories of marginality, power, alterity, ethnicity, race, locality, space, the subaltern, mimicry, hybridity, nationalism, diaspora, class, migration, multiculturalism, minority discourse, resistance, and historical revisionism - in a comparative context. Accordingly, we will be reading both fictional and theoretical works. The central objective of this course is to offer an overview of some contemporary world literature written in English. Students will also be encouraged to examine the texts from a variety of complimentary literary perspectives including new historicism, feminism, and Marxism. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2900 Centre Cr.Hrs. 3 0.0
(Formerly 004.290) Selections in literature of a particular genre. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)]. As the course content will vary from year to year, students may take this course more than once for credit.

ENGL 2940 Short Fiction I Cr.Hrs. 3 0.0
(Formerly 004.294) Representative writers. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2960 Drama 1 Cr.Hrs. 3 0.0
(Formerly 004.296) An introduction to dramatic forms and conventions. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

ENGL 2980 Poetry 1 Cr.Hrs. 3 0.0
(Formerly 004.298) Introduction to poetic language and forms. Prerequisite: [a grade of "C" or better in ENGL 1200 (004.120) or ENGL 1201 (004.120) or ENGL 1300 (004.130) or ENGL 1301 (004.130)] or [a grade of "C" or better in each of ENGL 1400 (the former ENGL 1310 (004.131)) and ENGL 1340 (004.134)].

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (English):

English, Film, and Theatre - English

- **Modifying General Major, Single Advanced Major, Double Advanced Major, Minor, Single Honours and Double Honours Programs**

Added material

Deleted material

Major Program

For entry to the Major, the prerequisite is a grade of "C" or better in ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

Minor (Concentration) Program

For entry to the Minor (Concentration), the prerequisite is a grade of "C" or better in ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1400 (or the former ENGL 1310) and ENGL 1340.

Honours Program

For entry to the Honours program see Section 3: Basic Faculty Regulations for the B.A. General, Advanced and Honours Degree Programs. A grade of "B" or better is required in ENGL 1200 or ENGL 1300 (or the former 004.126) or in both ENGL 1400 (or the former ENGL 1310) and ENGL 1340; ENGL 1200 is strongly recommended. Students may also be admitted to Honours in English in the third year of undergraduate study, in consultation with the department. Honours students must have their programs approved by the department each year. Normally, to continue in the Honours program, a minimum grade of "B" must be obtained in all English courses.

| YEAR 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 <u>ENGL 1400 (or the former ENGL 1310)</u> 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, 9} TOTAL: 48 CREDIT HOURS | | | |
| ENGL 1200 or ENGL 1300 (or the former 004.126) or both <u>ENGL 1400 (or the former ENGL 1310)</u> 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, 9} TOTAL: 42 CREDIT HOURS | | | |
| ENGL 1200 or ENGL 1300 (or the former 004.126) or both <u>ENGL 1400 (or the former ENGL 1310)</u> 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 credit hours must be at the 3000 level]. | | |
| MINOR (CONCENTRATION)^{2, 4} TOTAL: 18 CREDIT HOURS | | | |
| ENGL 1200 or ENGL 1300 (or the former 004.126) or both <u>ENGL 1400 (or the former ENGL 1310)</u> and ENGL 1340 | 12 credit hours in general courses at the 2000 level and above to include at least 6 credit hours of literature prior to 1900 [of the credit hours listed above, at least 3 credit hours must be at the 3000 level]. Students may not offer literature in translation courses* to satisfy the requirements of the Minor (Concentration). | | |

SINGLE HONOURS ^{4, 5, 7, 8}

ENGL 1200 or ENGL 1300
(or the former 004.126)
or both ENGL 1400 (or
the former ENGL 1310)
and ENGL 1340

- ENGL 2640 (in Year 2)
- 24 credit hours of literature prior to 1900⁴, of which 12 credit hours is to be in literature prior to 1700 selected from the following English courses: ENGL 2070, ENGL 2080, ENGL 2090, ENGL 3000, ENGL 3010, ENGL 3020, ENGL 3030, ENGL 3050, ENGL 3080, ENGL 3090, ENGL 3180⁶
- 6 credit hours in Canadian literature, selected from the following English courses: ENGL 2270, ENGL 3270⁵
- 12 credit hours in other literature after 1900, selected from the following English courses: ENGL 2160, ENGL 2180, ENGL 2830, ENGL 2840, ENGL 3980, ENGL 3990⁶
- 9 credit hours in other English courses at the 2000 level and above [of the credit hours listed above, at least 9 credit hours must be at the 3000 level].
- 9 credit hours in Honours courses (4000 level) in Years 3 and 4. Honours courses that are double-numbered with a graduate course will be limited to fourth-year Honours students.
- 24 credit hours in ancillary options

DOUBLE HONOURS ^{2, 4, 7, 8}

ENGL 1200 or ENGL 1300
(or the former 004.126)
or both ENGL 1400 (or
the former ENGL 1310)
and ENGL 1340

- ENGL 2640 (in Year 2)
- 18 credit hours of literature prior to 1900⁴
- 6 credit hours in other English courses at the 2000 level and above [of the credit hours listed above, at least 6 credit hours must be at the 3000 level].
- 6 credit hours in Honours courses (4000 level). Honours courses that are double-numbered with a graduate course will be limited to fourth-year Honours students.
- 36 credit hours in second honours field
- 6 credit hours in ancillary options

NOTES:

¹ Students may offer up to 6 credit hours in Film Studies or Theatre courses, with the exception of FILM 1290, 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 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 Single Advanced Major only.

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, Single Advanced Major, Double Advanced Major, 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, Single Advanced Major, Double Advanced Major, 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 Single Honours

program.

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.

Program modifications (Theatre):

English, Film, and Theatre - Theatre

- Modifying Single Advanced Major Program

Added material

~~Deleted material~~

Major Program

For entry to the General Major, the prerequisite is a grade of "C" or better in THTR 1220. For entry to the Single or Double Advanced Major, the prerequisite is a grade of "C" or better in THTR 1220 and a grade of "C" or better in ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1340 (or the former ENGL 1310) and ENGL 1340. For students who have taken additional courses toward the Major, then a minimum cumulative GPA of 2.00 is required on all courses including the higher grade of repeated courses and excluding failed courses.

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|--|--------|--------|
| SINGLE ADVANCED MAJOR^{1, 2} TOTAL: 54 CREDIT HOURS | | | |
| THTR 1220; ENGL 1200 or ENGL 1300 (or the former 004.126) or both <u>ENGL 1400 (or the former ENGL 1310)</u> 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 specified above and/or from List A | | |
| 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. | | | |
| ³ It is strongly recommended that students enrolled in a Double Advanced Major in Theatre and Film Studies complete THTR 2160. | | | |

French, Spanish and Italian

Deletions:

FREN 1150 Introductory French Cr.Hrs. 6 -6.0

Introductions:

FREN 1152 Introductory French 1 Cr.Hrs. 3 +3.0

(Lab required) This course is the first in the introductory French language sequence. Students are not required to register for both courses. A basic study of the fundamental structures of French including regular and irregular verbs in the present and the passé composé, with oral and written practice. For students with no prior knowledge of French or who have studied French up to and including Grade 11 or its equivalent. Students with Grade 12 French may not normally take the course. Students may not hold credit for both FREN 1152 and the former FREN 1150 (044.115). Not open to students who have previously obtained credit in FREN 1154 or FREN 1190 (044.119) or FREN 1200 (044.120) or FREN 1252 or the former FREN 1250 (044.125). Not for credit in French Major or Minor.

FREN 1154 Introductory French 2 Cr.Hrs. 3 +3.0

(Lab required) This course is the second in the introductory French language sequence. Students are not required to register for both courses. A continuing study of the fundamental structures of French including the imparfait, future and conditional, with oral and written practice. For students with limited prior knowledge of French or who have studied French up to and including Grade 11 or its equivalent or who have successfully completed Introductory French 1. Students may not hold credit for both FREN 1154 and the former FREN 1150 (044.115). Not open to students who have previously obtained credit in FREN 1190 (044.119) or FREN 1200 (044.120) or FREN 1252 or the former FREN 1250 (044.125). Not for credit in French Major or Minor.

FREN 2780 Idéologie et oppression dans le roman français contemporain (B) Cr.Hrs. +3.0

Étude du thème de divers genres d'oppression dans le roman français contemporain. Analyse philosophique du concept de l'idéologie. Students may not hold credit for both FREN 2780 and FREN 2640 (044.264) when titled "Idéologie et oppression." Prerequisite: [a grade of "C" or better in FREN 1190 (044.119)] or [a grade of "C+" or better in FREN 1200 (044.120)] or written consent of department head.

Modifications:

FREN 1200 French 1 Cr.Hrs. 6 0.0

(Formerly 044.120) Language study and practise and readings in French and French-Canadian culture. Students may not hold credit for both FREN 1200 (044.120) and FREN 1190 (044.119). Prerequisite: [Senior Matriculation French] or [a grade of "C" or better in FREN 1154 or the former FREN 1150 (044.115)].

FREN 1252 Français oral 1 Cr.Hrs. 3 0.0

For students whose mother tongue is not French, and who wish to improve their understanding, fluency and correctness in spoken French. Regular attendance is obligatory. Direct access to FREN 2610. Not open to students from Français or Immersion high school programs. Students may not hold credit for both FREN 1252 and the former FREN 1250 (044.125). Prerequisite: [Senior matriculation French] or [a grade of "B" or better in FREN 1154 (or the former FREN

1150 (044.115)) or "C" or better in FREN 1200 (044.120)] or written consent of department head.

SPAN 1180 Introductory Spanish Cr.Hrs. 6 0.0
(Formerly 044.118) (Lab required) A course designed for those with little or no previous knowledge of Spanish. The course includes grammar, reading and oral practice, with language laboratory exercises. An oral approach is utilized. The student is given glimpses of cultural aspects of Spain and Spanish America. Students with Senior 4 Spanish may not normally take the course for credit. Not open to students with native oral fluency. Students may not hold credit for SPAN 1180 and any of: SPAN 1171 or SPAN 1190 or SPAN 1191 or the former SPAN 1181 (former TRAD 1181 or former 122.118). Not open to students who have previously obtained credit in SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127).

SPAN 1190 Introductory Spanish 2 Cr.Hrs. 3 0.0
(Lab required) The second term of SPAN 1180 Introductory Spanish. This course is intended for students who have already knowledge of the alphabet and the sound system, as well as elementary comprehension, communication and writing skills equivalent to those that would be achieved in the first term of SPAN 1180. Students may not hold credit for SPAN 1190 and any of: SPAN 1191 or SPAN 1180 (044.118) or the former SPAN 1181 (former TRAD 1181 or former 122.118). Not open to students who have previously obtained credit in SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127). Prerequisite: [a grade of "C" or better in SPAN 1171] or [Senior 4 Spanish] or written consent of instructor or department head.

SPAN 1262 Intermediate Spanish Grammar and Conversation 1 Cr.Hrs. 3 0.0
(Lab required) This course is the first of the intermediate Spanish language sequence. Focus is on developing intermediate skills in reading, writing, speaking and listening. The primary goals are to build communicative competence and enhance social and cultural awareness of the Spanish-speaking world. Not open to students with native oral fluency. Students may not hold credit for SPAN 1262 and any of: SPAN 1263 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126). Prerequisite: [a grade of "C" or better in SPAN 1180 (044.118) (the former SPAN 1181 or the former TRAD 1181 or the former 122.118) or SPAN 1190 or SPAN 1191] or written consent of instructor or department head.

SPAN 1272 Intermediate Spanish Grammar and Conversation 2 Cr.Hrs. 3 0.0
(Lab required) This course is the second of the intermediate Spanish language sequence. Focus is on continued development of intermediate skills in reading, writing, speaking and listening. The primary goals are to further enhance communicative competence and social and cultural awareness of the Spanish-speaking world. Not open to students with native oral fluency. Students may not hold credit for SPAN 1272 and any of: SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127). Prerequisite: [a grade of "C" or better in SPAN 1262 or SPAN 1263 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126)] or written consent of instructor or department head.

SPAN 1280 Spanish for Native Speakers Cr.Hrs. 3 0.0

A survey of grammar and writing for people with an advanced level of oral Spanish. All the class exercises, readings, activities and examinations will be in Spanish. Students may not hold credit for SPAN 1280 and any of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127). Prerequisite: written consent of instructor or department head.

SPAN 1290 Accelerated Intermediate Spanish Cr.Hrs. 6 0.0

(Lab required) This is a one term accelerated course which combines the content of SPAN 1262 and SPAN 1272 (or the former SPAN 1260 (044.126) and the former SPAN 1270 (044.127)). It is a review of grammar and pronunciation structured around extensive writing practice and conversation of contemporary issues relating to the Spanish speaking world. There will be six hours of classroom instruction with a two hour laboratory per week. This course is not open to students with native oral fluency. Students may not hold credit for SPAN 1290 and any of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127). Prerequisite: [a grade of "C" or better in SPAN 1180 (044.118) (or the former SPAN 1181 or the former TRAD 1181 (122.118) or SPAN 1190 or SPAN 1191] or written consent of instructor or department head.

SPAN 2200 Spanish American Culture and Civilization Cr.Hrs. 3 0.0

(Formerly 044.220) A picture of the geographical, political, economic, social, artistic and cultural forces in Latin America. Essays, cultural readings, newspaper articles, magazines and films are utilized to enhance awareness and to stimulate discussion. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127)] or written consent of department head.

SPAN 2210 Voices and Images of Latin America Cr.Hrs. 3 0.0

A study of the important figures that have influence on social and artistic movements of the Latin American culture such as Frida Khalo, Diego Rivera, Che Guevara, and Fernando Botero. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127)] or written consent of department head.

SPAN 2510 Survey of Spanish Civilization Cr.Hrs. 3 0.00

(Formerly 044.251) A study of the history of Spanish culture with special stress on its non-literary arts, and selected aspects of Spanish life. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127)] or written consent of department head.

SPAN 2520 Introduction to Spanish Literature Cr.Hrs. 3 0.0

(Formerly 044.252) This course will consist of an introduction to Spanish literary characteristics and the study of selected works from the major historical periods and genres. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or

SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127)] or written consent of department head.

SPAN 2550 Advanced Spanish Composition Cr.Hrs. 3 0.0
(Formerly 044.255) Designed to enhance the student's ability in writing Spanish. Emphasis on advanced grammatical concepts and clarity of expression. Students may not hold credit for both SPAN 2550 (044.255) and SPAN 2551. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126)] or written consent of department head.

SPAN 2560 Advanced Spanish Conversation Cr.Hrs. 3 0.0
(Formerly 044.256) Designed to enhance the student's conversational skills. Intensive oral practise as well as written exercises based on contemporary issues. Not open to students with native oral fluency. Prerequisite: [a grade of "C" or better in both SPAN 1262 (the former SPAN 1260 (044.126)) and SPAN 1272 (the former SPAN 1270 (044.127))] or [a grade of "C" or better in both SPAN 1263 (the former SPAN 1261 or the former TRAD 1261 (122.126)) and SPAN 1273 (the former SPAN 1271 or the former TRAD 1271 (122.127))] or [a grade of "C" or better in SPAN 1290] or written consent of department head.

SPAN 2580 Contemporary Spanish Female Playwrights Cr.Hrs. 3 0.0
This course introduces students to the study of Spanish theater written by contemporary women writers. The course will explore how they use their work and the stage to denounce a contemporary Spanish society that needs to be reexamined. Analysis will underscore how these playwrights treat dis/similar subject matters: search for identity, gender, sexuality, relationships, patriarchal values, feminism, among others. The course will be taught in Spanish. All class readings and examinations are in Spanish. Prerequisite: [a grade of "C" or better in one of: SPAN 1262 or SPAN 1263 or SPAN 1272 or SPAN 1273 or SPAN 1280 or SPAN 1290 or the former SPAN 1260 (044.126) or the former SPAN 1261 or the former TRAD 1261 (122.126) or the former SPAN 1270 (044.127) or the former SPAN 1271 or the former TRAD 1271 (122.127)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +3.0

Program introduction: Double Advanced Major in French

French, Spanish and Italian - French 2013-2014 Undergraduate Calendar

- Introduction of French Double Advanced Major Program

Added material

~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|---|--------|--------|
| SINGLE ADVANCED MAJOR TOTAL: 48 CREDIT HOURS | | | |
| FREN 1190 or FREN 1200 | <ul style="list-style-type: none">• 18 credit hours of French courses numbered at the 2000 level, including at least 3 credit hours in language and 3 credit hours in literature• 18 credit hours of French courses numbered at the 3000 level, including at least 3 credit hours in language and 3 credit hours in literature• 6 credit hours of French courses numbered at the 4000 level, including at least 3 credit hours in language and 3 credit hours in literature | | |
| DOUBLE ADVANCED MAJOR TOTAL: 42 CREDIT HOURS | | | |
| FREN 1190 or FREN 1200 | <ul style="list-style-type: none">• 15 credit hours of French courses numbered at the 2000 level, including at least 3 credit hours in language and 3 credit hours in literature• 15 credit hours of French courses numbered at the 3000 level, including at least 3 credit hours in language and 3 credit hours in literature• 6 credit hours of French courses numbered at the 4000 level, including at least 3 credit hours in language and 3 credit hours in literature | | |

German and Slavic Studies

Introductions:

GRMN 3232 Introduction to German Translation Cr.Hrs. 3 +3.0
Language of instruction: German. An introduction to the art of translation (German to English) with a focus on translation principles, language analysis, and hands-on translation of texts from a variety of fields. Prerequisite: [a grade of "C" or better in German 3200 (008.320) or GRMN 3201 (008.320)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +3.0

History

Introductions:

HIST 3212 Global Sweatshops, Global Struggles (M) Cr.Hrs. 3 +3.0
This course explores the past and present of sweated work in various industries in the Global North and South. We explore circumstances that support sweatshops, including off-shoring and the new international division of labour, migrant, child and female labour forces; global supply chains and the role of retailers and contractors. We also compare and evaluate strategies to eliminate sweatshops, include NGO activities, government regulations, consumer boycotts and the international labour, student and social justice movements. Also offered as Labour Studies LABR 3220. Students may not hold credit for both HIST 3212 and LABR 3220. Prerequisite: [a grade of "C" or better in six credit hours of History or written consent of the department head] or [a grade of "C" or better in three credit hours of 1000 level Labour Studies or written consent of the Labour Studies coordinator].

HIST 3750 Indigenous Peoples in Modern Latin America (A) Cr.Hrs. 3 +3.0
A study of indigenous peoples in modern Latin America. Topics to be discussed will include the construction of racial hierarchies and exclusionary nation-states, indigenous engagements with leftist politics and revolution as well as struggles for political autonomy and cultural rights. Students may not hold credit for both HIST 3750 and HIST 3740 with the topic "Indigenous Peoples and the Nation-State in Modern Latin America." Prerequisite: [a grade of "C" or better in six credit hours of History] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +6.0

Labour Studies

Modifications:

LABR 3220 Global Sweatshops, Global Struggles Cr.Hrs. 3 +3.0
This course explores the past and present of sweated work in various industries in the Global North and South. We explore circumstances that support sweatshops, including off-shoring and the new international division of labour, migrant, child and female labour forces; global supply chains and the role of retailers and contractors. We also compare and evaluate strategies to eliminate sweatshops, including NGO activities, government regulations, consumer boycotts

and the international labour, student and social justice movements. Also offered as HIST 3212. Students may not hold credit for both LABR 3220 and HIST 3212. Prerequisite: [a grade of "C" or better in three credit hours of 1000 level Labour Studies or written consent of the Labour Studies coordinator] or [a grade of "C" or better in six credit hours of History or written consent of the department head].

Program modifications (Labour Studies):

Labour Studies 2013-2014 Undergraduate Calendar

- Modification of 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 | | | HIST 3700 | History of Working People and Labour Movements 1700 to the Present (G) (same as Labour Studies LABR 3700) | 6 |
| Economics | | | HIST 3730 | A History of Western Canada (C) | 6 |
| ECON 2280* | Social Welfare and Human Resources | 6 | HIST 3800 | History of Winnipeg from 1870-2000 (C) | 3 |
| ECON 2350 | Community Economic Development | 3 | HIST 4030* | The History of Communism and Socialism since 1945 (M) (H) | 6 |
| ECON 2360* | Women in the Canadian Economy | 6 | Native Studies | | |
| ECON 2362 | Economics of Gender | 3 | NATV 3320* | Aboriginal Organizations | 3 |
| ECON 2500* | Labour and Technology (same as former Labour Studies LABR 2450) | 3 | Philosophy | | |
| ECON 2540 | Political Economy 1: Production and Distribution | 3 | PHIL 2290 | Ethics and Society | 6 |
| ECON 2550 | Political Economy 2: Economic Growth and Fluctuations in a Global Economic Environment | 3 | PHIL 2830 | Business Ethics | 3 |
| ECON 3170 | Introduction to Quantitative Methods in Economics | 3 | PHIL 3710* | Critiques of Contemporary Society | 6 |
| ECON 3300 | Canadian Economic History | 6 | Political Studies | | |
| ECON 3360* | Labour Economics | 6 | POLS 3470 | Canadian Public Management | 3 |
| ECON 3362 | Labour Economics 1 | 3 | POLS 3570 | Administrative Theory in the Public Sector | 3 |
| ECON 3364 | Labour Economics 2 | 3 | POLS 3810 | Introduction to Marxism | 3 |
| ECON 3510 | Industrial Relations (same as Labour Studies LABR 3510) | 6 | POLS 4370 | Comparative Public Administration (H) | 3 |
| ECON 3660 | Economic Ideas and Social Institutions | 6 | POLS 4570* | Public Organizational Management (H) | 6 |
| History | | | POLS 4660 | The State in the Economy (H) | 6 |
| HIST 2282 | Inventing Canada (C) | 3 | 019.487* | Government and Public Sector Unionism (H) | 3 |
| HIST 2284 | Democracy and Dissent: Contesting Canada (C) | 3 | Psychology | | |
| HIST 2286 | Modern Canada (C) | 3 | PSYC 3510* | Organizational Psychology | 3 |
| HIST 2670 | History of Capitalism (M) | 3 | PSYC 3600* | Environmental Psychology | 3 |
| HIST 2671 | Histoire du capitalisme (M) | 3 | Sociology | | |
| HIST 2680 | A History of Socialism from the French Revolution to the Present (M) | 3 | SOC 2290 | Introduction to Research Methods | 6 |
| HIST 2690* | The Common People in Industrial Society (G) | 6 | SOC 3370 | Sociology of Work | 3 |
| HIST 2710* | Women in History (G) | 6 | SOC 3371 | Sociologie du travail (CUSB) | 3 |
| HIST 2720 | The World Since 1945 (G,M) | 6 | SOC 3380 | Power, Politics and the Welfare State | 3 |
| HIST 2970* | Modern Canada: 1921 to the Present (C) | 6 | SOC 3470* | Political Sociology | 3 |
| HIST 2971 | Le Canada moderne: de 1921 à nos jours (C) (CUSB) | 6 | SOC 3471 | Sociologie politique (CUSB) | 3 |
| HIST 3050 | Canada since 1945 (C) | 6 | SOC 3820 | Qualitative and Historical Methods in Sociology | 3 |
| HIST 3210 | The History of Popular Radicalism in the Twentieth Century (M) | 6 | SOC 3870* | Social Inequality | 3 |
| HIST 3212 | <u>Global Sweatshops, Global Struggles (M)</u> | 3 | SOC 3871 | Inégalités sociales (CUSB) | 3 |
| HIST 3570* | History of Women in Canada (C) | 6 | SOC 3890 | Power and Inequality in Comparative Perspective | 3 |
| HIST 3572 | The History of Women, Gender, and Sexuality in Canada (C) | 6 | 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 | | |
| | | | MGMT 2030* | Administrative Theory | 3 |
| | | | MGMT 2060 | Management and Organizational Theory | 3 |

| | | |
|---------------------------------------|--|---|
| GMGT 2070 | Introduction to Organizational Behaviour | 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 modifications: Minor (Concentration) in Latin American Studies

Latin American Studies

- Modifying Minor (Concentration) Program

Added material

~~Deleted material~~

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 | 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 3750 | Indigenous Peoples in Modern Latin America (A) | 3 |
| HIST 4870 | Contemporary Latin America (A) | 6 |
| French, Spanish and Italian | | |
| SPAN 2200 | Spanish American Culture and Civilization | 3 |
| SPAN 2210 | Voices and Images of Latin America | 3 |
| SPAN 2540 | Spanish-American Literature 2 | 3 |
| SPAN 2570 | Special Studies (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| SPAN 3080 | Contemporary Latin American Novel | 3 |
| SPAN 3270 | Special Studies (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| SPAN 3300 | Cinema and Literature | 3 |
| SPAN 3320 | Testimony and Human Rights in Latin America | 3 |
| SPAN 3780 | Short Fiction in Spanish | 3 |
| SPAN 3790 | Latin American Cinema and Society | 3 |
| History | | |
| HIST 2900 | Topics in Social History (G) (Acceptable for credit only when course content is on Latin American studies) ¹ | 6 |
| HIST 3110 | Topics in History 1 (G) (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| HIST 3120 | Topics in History 2 (G) (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| HIST 3130 | Issues in Social History (G) (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| HIST 3740 | Topics in Latin American History (A) | 3 |
| HIST 4000 | Topics in History (G) (Acceptable for credit only when course content is on Latin American studies) ¹ | 3 |
| HIST 4150 | The Social History of the Latin American State (1492-2005) (A) | 6 |

NOTE:

¹Written consent of program coordinator required to use course in the Minor (Concentration).

Linguistics

Deletions:

LING 2860 Language Acquisition Cr.Hrs. 3 -3.0

Introductions:

LING 3860 Language Acquisition Cr.Hrs. 3 +3.0

The study of first language acquisition from infancy through childhood. Aspects of phonology, morphology, pragmatics and syntax acquisition are discussed, as well as formal theories of acquisition, second language and bilingual acquisition, atypical development and the relationship of language acquisition with literacy. Also offered as PSYC 3860. Students may not hold credit for LING 3860 and any of: PSYC 3860 or the former LING 2860 (126.286) or the former PSYC 2860. Prerequisite: [a grade of "C" or better in 9 credit hours of Linguistics courses] or [a grade of "C" or better in PSYC 2290 (017.229) or PSYC 2291 (017.229)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications: Single Advanced Major in Linguistics

Program introduction: Double Advanced Major in Linguistics

Linguistics

2013-2014 Undergraduate Calendar

- Revisions to Single Advanced Major Program
- Introduction of Double Advanced Major Program

Added material

~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|--------|--------|
| SINGLE ADVANCED MAJOR TOTAL: 48 CREDIT HOURS | | | |
| LING 1200 ¹ | <ul style="list-style-type: none">• at least 12 credit hours chosen from the core courses² numbered at the 2000 level• LING 3200 or LING 3300 or LING 3400• <u>LING 3120 or LING 3140</u>• <u>3-6 additional credit hours chosen from the core courses² numbered at the 3000 level</u>• 18 additional credit hours of Linguistics | | |
| DOUBLE ADVANCED MAJOR TOTAL: 42 CREDIT HOURS | | | |
| LING 1200 ¹ | <ul style="list-style-type: none">• at least 12 credit hours chosen from the core courses² numbered at the 2000 level• LING 3200 or LING 3300 or LING 3400• <u>LING 3120 or LING 3140</u>• <u>3 additional credit hours chosen from the core courses² numbered at the 3000 level</u>• <u>12 additional credit hours of Linguistics</u> | | |
| NOTES: | | | |

¹ Students are advised to take LING 1380 General Phonetics as early as possible in their program (ideally during their first year, in addition to LING 1200 Introduction to Linguistics) as this course is a prerequisite for many of the advanced courses.

² Not all of the core courses listed below will necessarily be offered every year; this includes even those at the 2000 level which are prerequisites for courses at the 3000 level. Students intending to Major in Linguistics are advised to plan their programs well in advance, and to consult the Linguistics department at the beginning of each academic year.

Core Courses

| | | |
|------------|--|---|
| LING 2200 | Syntax | 6 |
| LING 2420 | Phonology | 3 |
| LING 2440 | Analytic Techniques | 3 |
| LING 2460 | Morphology | 3 |
| LING 2640 | Comparative Linguistics | 3 |
| LING 3120 | Syntactic Theory | 3 |
| LING 3140 | Phonological Theory | 3 |
| LING 3200 | The Structure of a non-Indoeuropean Language | 6 |
| LING 3300 | The Structure of ASL | 6 |
| LING 3400 | Field Methods | 6 |
| LING 3800* | Seminar | 6 |
| LING 3820 | Selected Topics | 3 |
| LING 3840 | Special Topics in ASL | 3 |

* Indicates course no longer offered.

Native Studies

Introductions:

NATV 3170 Aboriginal Peoples and Racism in Canada Cr.Hrs. 3 +3.0

This course will trace the historical and colonial roots of racism as experienced by Aboriginal Peoples in Canada as well as examine its practices in contemporary society and culture.

Concepts such as systemic racism, cultural difference and anti-racist education may be explored. Class format will include readings, seminar discussions, some films and lectures.

Critical reading and analysis is expected. Students may not hold credit for both NATV 3170 and NATV 3000 when titled "Racism and Aboriginal Peoples." Prerequisite: [a grade of "C" or better in NATV 1200 (032.120)] or [a grade of "C" or better in both NATV 1220 (032.122) and NATV 1240 (032.124)] or written consent of instructor or department head.

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications: Required Minor in Business, for students in the Single Advanced Major
– Aboriginal Governance Stream

Native Studies
2013-2014 Undergraduate Calendar

- **Revision to Aboriginal Governance Stream Required Minor in Business** (Effective 201390 Senate approved the deletion of GMGT 2030 – this course has already been removed from the 2013-2014 program requirements – we are now requesting the addition of its replacement, GMGT 2060.)

Added material
~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|--|--------|--------|
| NATIVE STUDIES SINGLE ADVANCED MAJOR - ABORIGINAL GOVERNANCE STREAM TOTAL: 51 CREDIT HOURS | | | |
| NATV 1200 or NATV 1220 and NATV 1240 | <ul style="list-style-type: none">• ECON 1010 or ECON 1210 or ECON 1220• NATV 2110, POLS 2070, STAT 1000• 12 credit hours from Political Governance courses: NATV 2220, NATV 3310, NATV 3280, NATV 3370, NATV 4200, POLS 4150• 12 credit hours from Aboriginal Business and Economics courses: NATV 3120, NATV 3160, NATV 3350, NATV 4320• 6 credit hours from Traditional Knowledge courses: NATV 2030, NATV 3330, NATV 4220, NATV 4230 | | |
| REQUIRED MINOR IN BUSINESS FOR THOSE STUDENTS IN A DECLARED ABORIGINAL GOVERNANCE STREAM ¹ TOTAL: 18 CREDIT HOURS | | | |
| ACC 1100, <u>GMGT 2060</u> , HRIR 2440, MKT 2210 | 6 credit hours from: ACC 1110, COMP 1260, ENTR 2010, ENTR 2020, GMGT 2010, GMGT 3300, LEAD 2010, FIN 2200, FIN 3470, HRIR 4410, MIS 2000 | | |
| NOTE: | | | |
| ¹ Students must ensure that all course prerequisites are met when selecting courses for the Minor. | | | |

Philosophy

Introductions:

PHIL 2190 Philosophy and Sexuality Cr.Hrs. 3 +3.0
Course examines various moral and legal issues related to sexuality. Topics may include: casual sex, monogamy, love, and commitment; the definition of marriage; the meaning of gender; the nature of consent; the moral and legal status of prostitution and pornography; the scope of sexual privacy and other moral challenges presented by new technology. Students may not hold credit for both PHIL 2190 and PHIL 2170 (015.217) when titled "Sexuality."
Prerequisite: successful completion of 24 hours of university credit.

NET CHANGE IN CREDIT HOURS: +3.0

Political Studies

Modifications:

POLS 3880 Comparative Foreign Policy Cr.Hrs. 3 0.0
(Formerly 019.388) A comparative study of the factors affecting foreign policy in selected countries including, but not limited to, Canada, the United States, Russia, China, Japan, Great Britain, France, and Germany. The course also includes an examination of international, regional, and domestic factors affecting the creation of foreign policy by states. Students may not hold credit for both POLS 3880 and POLS 3881. Prerequisite: [a grade of "C" or better in POLS 2040 (019.204) or POLS 2041 (019.204)] or written consent of instructor or department head.

POLS 4530 Regionalism in International Relations Cr.Hrs. 3 0.0
(Formerly 019.453) This course examines the nature and substance of political relations among states in the international system to institutionalize relations for economic, political, or security reasons. Emphasis is given to post-1945 and contemporary regional relationships. Regional arrangements studied in the course include, but are not necessarily limited to, North America, Europe, the Asia-Pacific rim, the Middle East, Latin America, and Africa. Students may not hold credit for POLS 4530 (019.453) and any of: POLS 4531 or the former POLS 4830 (019.483). Prerequisite: written consent of instructor or department head.

NET CHANGE IN CREDIT HOURS: 0.0

Psychology

Deletions:

PSYC 2310 Adolescent Development Cr.Hrs. 3 -3.0
PSYC 2370 Developmental Psychology from Adolescence to Old Age Cr.Hrs. 3 -3.0
PSYC 2450 Behaviour Modification Applications Cr.Hrs. 3 -3.0
PSYC 2460 Dyadic Relations Cr.Hrs. 3 -3.0
PSYC 2860 Language Acquisition Cr.Hrs. 3 -3.0

| | |
|---|------|
| PSYC 3450 Psychology of Personality Cr.Hrs. 3 | -3.0 |
| PSYC 3460 Abnormal Psychology Cr.Hrs. 3 | -3.0 |

Introductions:

| | |
|---|------|
| PSYC 2490 Abnormal Psychology Cr.Hrs. 3 | +3.0 |
|---|------|

The study of theory and research on abnormal human behaviour. The major forms of psychological disturbance are discussed. An introduction to the prevention and treatment of psychological disturbances is given. Students may not hold credit for PSYC 2490 and any of: PSYC 3461 (017.346) or the former PSYC 3460 (017.346). Prerequisite: [a grade of "C" or better in PSYC 1200 (017.120) or the former PSYC 1201 (017.120)] or [a grade of "C" or better in both PSYC 1211 (017.121) and PSYC 1221 (017.122)] or written consent of department head.

| | |
|---|------|
| PSYC 2530 Psychology of Personality Cr.Hrs. 3 | +3.0 |
|---|------|

The study of theory and research on the principles affecting personality development and structure. Students may not hold credit for PSYC 2530 and any of: PSYC 3451 (017.345) or the former PSYC 3450 (017.345). Prerequisite: [a grade of "C" or better in PSYC 1200 (017.120) or the former PSYC 1201 (017.120)] or [a grade of "C" or better in both PSYC 1211 (017.121) and PSYC 1221 (017.122)] or written consent of department head.

| | |
|---------------------------------------|------|
| PSYC 3070 Adult Development Cr.Hrs. 3 | +3.0 |
|---------------------------------------|------|

This course deals with psychological changes during young adulthood, middle age, and old age. Students may not hold credit for both PSYC 3070 and the former PSYC 2370 (017.237). Prerequisite: [a grade of "C" or better in PSYC 2290 (017.229) or PSYC 2291 (017.229)] or written consent of department head.

| | |
|---|------|
| PSYC 3150 Behavioural Modification Applications Cr.Hrs. 3 | +3.0 |
|---|------|

Guidelines for designing, implementing, and evaluating behaviour modification applications are described in detail. Students may also conduct supervised projects in applied areas or in basic behavioural research. Students may not hold credit for PSYC 3150 and any of: PSYC 2451 (017.245) or the former PSYC 2450 (017.245). Prerequisite: [a grade of "C" or better in PSYC 2440 (017.244) or PSYC 2441 (017.244)] or written consent of department head.

| | |
|--|------|
| PSYC 3310 Adolescent Development Cr.Hrs. 3 | +3.0 |
|--|------|

This course deals with normal psychological development from puberty until adulthood. Results of scientific research are emphasized. Students may not hold credit for PSYC 3310 and any of: PSYC 2311 (017.231) or the former PSYC 2310 (017.231). Prerequisite: [a grade of "C" or better in PSYC 2290 (017.229) or PSYC 2291 (017.229)] or written consent of department head.

| | |
|--------------------------------------|------|
| PSYC 3470 Dyadic Relations Cr.Hrs. 3 | +3.0 |
|--------------------------------------|------|

This course covers friendship formation and dyadic relations – linking, liking, loving, and leaving from an empirically oriented psychological perspective. Students may not hold credit for both PSYC 3470 and the former PSYC 2460 (017.246). Prerequisite: [a grade of "C" or better in PSYC 2410 (017.241) or PSYC 2411 (017.241) or PSYC 2420 (017.242) or PSYC 2421 (017.242)] or written consent of department head.

| | |
|--|------|
| PSYC 3860 Language Acquisition Cr.Hrs. 3 | +3.0 |
|--|------|

The study of first language acquisition from infancy through childhood. Aspects of phonology, morphology, pragmatics and syntax acquisition are discussed, as well as formal theories of

acquisition, second language and bilingual acquisition, atypical development and the relationship of language acquisition with literacy. Also offered as LING 3860. Students may not hold credit for PSYC 3860 and any of: LING 3860 or the former PSYC 2860 or the former LING 2860 (126.286). Prerequisite: [a grade of "C" or better in PSYC 2290 (017.229) or PSYC 2291 (017.229)] or [a grade of "C" or better in 9 credit hours of Linguistics courses] or written consent of department head.

Modifications:

PSYC 3130 Introduction to Health Psychology Cr.Hrs. 3 0.0

This course offers a survey of psychological issues in health and illness. Major topics will include the biopsychosocial approach, mental models of illness, pain, stress and coping, health-damaging and health-promoting behaviours, and psychological issues in medical care. Students may not hold credit for PSYC 3130 and any of: PSYC 3131 or PSYC 3530 when titled "Health Psychology." Prerequisite: [a grade of "C" or better in PSYC 2410 (017.241) or PSYC 2411 (017.241) or PSYC 2420 (017.242) or PSYC 2421 (017.242)] or written consent of department head.

PSYC 3160 Perception and Attention Cr.Hrs. 3 0.0

This lecture course will provide you with a basic introduction to the characteristics and processes of human perception. A scientific approach will be used with specific emphasis on exploring the relation between experimental evidence and theory. Topics to be covered include transmission of information through the visual and auditory systems, visual and auditory pattern recognition, selective and divided attention, and the role of attention and interpretation in perception. Students may not hold credit for both PSYC 3160 and PSYC 3441 (017.344). Prerequisite: [a grade of "C" or better in PSYC 2480 (017.248) or PSYC 2481 (017.248)] or written consent of department head.

PSYC 3170 Research in Cognitive Psychology Cr.Hrs. 3 0.0

This course will provide an introduction to conducting research in human perception and cognition. Students will gain experience in all facets of the research process including: critical reading of relevant literature, experimental design and preparation, data collection and analysis, and report writing. Activities may include critiques of published research, research proposals, individual and/or group projects, research reports, and individual and/or group presentations. Prerequisite: [a grade of "C" or better PSYC 2480 (017.248) or PSYC 2481 (017.248)] or written consent of department head.

PSYC 3200 Thinking Critically About Psychological Research Cr.Hrs. 3 0.0

This course will teach students to apply critical thinking skills in the evaluation of psychological research. Core components will include the logic of research design, analysis and interpretation, the description of psychological studies, and the critical reading of published research. Activities will include the preparation of critiques of research claims published in both academic journals and in the main-stream press, sample research proposals, individual and/or group projects, and individual and/or group presentations. Prerequisite: [a grade of "B" or better in PSYC 2260 (017.226) or PSYC 2261 (017.226) or the former PSYC 2300 (017.230)] and written consent of department head.

PSYC 3340 Design and Analysis for Psychological Experiments Cr.Hrs. 3 0.0

Methods for controlling sources of internal validity in psychological experiments, such as randomization, blocking, factorial configuration, and repeated measurements, will be discussed.

Descriptive and multivariate methods of analysis will also be introduced. The use of statistical packages will be illustrated. Students may not hold credit for PSYC 3340 and any of: PSYC 3341 or the former PSYC 4570 (017.457). Prerequisite: [a grade of "B" or better in PSYC 2260 (017.226) or PSYC 2261 (017.226) or the former PSYC 2300 (017.230)] and written consent of department head.

PSYC 3350 Behavioural Neuroscience Cr.Hrs. 3 0.0
This course presents the fundamentals of the neurobiology of behaviour. Special importance is placed on the information-processing properties of the nervous system in order to provide a uniform framework for the understanding of such topics as perception, attention, sleep and wakefulness, motivation, and learning. Students may not hold credit for PSYC 3350 and any of: PSYC 3351 or the former PSYC 3330 (017.333) or the former PSYC 3331 (017.333). Prerequisite: [a grade of "C" or better in PSYC 2360 (017.236)] or written consent of department head.

PSYC 3390 Thinking Cr.Hrs. 3 0.0
(Formerly 017.339) The class surveys work in cognitive science. Topics include probabilistic reasoning, heuristics and biases, artificial neural networks, mental representation of number, and the cognitive unconscious. Prerequisite: [a grade of "C" or better in PSYC 2480 (017.248) or PSYC 2481 (017.248)] or written consent of department head.

PSYC 3430 Sensory Processes Cr.Hrs. 3 0.0
(Formerly 017.343) A review of the structure and function of biological receptor systems and how they mediate information about the environment. It includes such topics as receptor transduction, neural correlates of sensation, and neural models of sensory discrimination. Prerequisite: [a grade of "C" or better in PSYC 2360 (017.236)] or written consent of department head.

PSYC 3530 Contemporary Issues 1 Cr.Hrs. 3 0.0
(Formerly 017.353) The content of this course will vary from year to year, but in general it will entail either some specific topic of prominent interest in psychology or a psychological analysis of some problem of current public interest. Students may not hold credit for both PSYC 3530 (017.353) and PSYC 3531 (017.353). Prerequisite: [a grade of "C" or better in PSYC 1200 (017.120) or the former PSYC 1201 (017.120)] or [a grade of "C" or better in both PSYC 1211 (017.121) and PSYC 1221 (017.122)] and written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit.

PSYC 3540 Contemporary Issues 2 Cr.Hrs. 3 0.0
(Formerly 017.354) The content of this course will vary from year to year, but in general it will entail either some specific topic of prominent interest in psychology or a psychological analysis of some problem of current public interest. Students may not hold credit for both PSYC 3540 (017.354) and the former PSYC 3541 (017.354). Prerequisite: [a grade of "C" or better in PSYC 1200 (017.120) or the former PSYC 1201 (017.120)] or [a grade of "C" or better in both PSYC 1211 (017.121) and PSYC 1221 (017.122)] and written consent of department head. As the course content will vary from year to year, students may take this course more than once for credit.

PSYC 3580 Language and Thought Cr.Hrs. 3 0.0
(Formerly 017.358) An examination of recent investigations of human language behaviour. Emphasis will be placed on natural language phenomena, which will be examined within the framework of modern theories of thought. Some of the topics considered include

communication, the development of language, and natural language comprehension.
Prerequisite: [a grade of "C" or better in PSYC 2480 (017.248) or PSYC 2481 (017.248)] or written consent of department head.

PSYC 3610 Memory Cr.Hrs. 3 0.0
(Formerly 017.361) Selected topics in human memory are reviewed, including the physiological and chemical bases for learning and memory, primary determinants of forgetting, memory models, nonverbal memory, organization in memory, and the use of mnemonic schemes to improve memory. Prerequisite: [a grade of "C" or better in PSYC 2480 (017.248) or PSYC 2481 (017.248)] or written consent of department head.

PSYC 3630 Psychological Measurement and Assessment Cr.Hrs. 3 0.0
(Formerly 017.363) A study of the basic concepts of measurement in psychology and the application of these concepts in selected areas of psychology. The principal topics of the course will be historical foundations, basic concepts such as reliability, validity, and invariance, the use of different tests and instruments, scaling, and the unique aspects of measurement encountered in different areas of psychology. Students may not hold credit for both PSYC 3630 (017.363) and PSYC 3631 (017.363). Prerequisite: [a grade of "B" or better in PSYC 2260 (017.226) or PSYC 2261 (017.226) or the former PSYC 2300 (017.230)] and written consent of department head.

PSYC 3650 Introduction to Clinical Psychology Cr.Hrs. 3 0.0
(Formerly 017.365) Clinical psychology is presented as both a scientific and an applied discipline. Such topics as assessment, intervention, research, and professional issues are covered. Prerequisite: [a grade of "C" or better in PSYC 2490 or the former PSYC 3460 (017.346) or PSYC 3461 (017.346)] or written consent of department head.

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 PSYC 3341 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):
General Major, Single Advanced Major; Revisions to Program Notes

Psychology

2013-2014 Undergraduate Calendar

- **Revisions to General Major and Single Advanced Major Programs**
- **Revisions to Program Notes (Lettered menu categories) affecting General Major, Single Advanced Major, Single Honours and Double Honours Programs**

Added material

~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|---|--|---|
| GENERAL MAJOR TOTAL: 30 CREDIT HOURS | | | |
| PSYC 1200 or PSYC 1211 and PSYC 1221 | <ul style="list-style-type: none"> • PSYC 2250 and PSYC 2260 • 6 additional credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours from each of two different lettered menu categories)¹ | 12 credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours from each of two different lettered menu courses not taken in Year 2) ¹ | |
| SINGLE ADVANCED MAJOR TOTAL: 48 CREDIT HOURS | | | |
| PSYC 1200 or PSYC 1211 and PSYC 1221 | <ul style="list-style-type: none"> • PSYC 2250 and PSYC 2260 • 6 additional credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours from each of two different lettered menu categories)¹ | 12 credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours from each of two different lettered menu courses not taken in Year 2) ¹ | 18 credit hours in Psychology courses numbered at the 2000 or 3000 level (3 hours from any remaining lettered menu category) ¹ |
| SINGLE HONOURS* | | | |
| 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"> • PSYC 3200 and PSYC 3340 and PSYC 3630 • 9 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 |
| DOUBLE HONOURS* | | | |
| 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 | <ul style="list-style-type: none"> • 3 credit hours from PSYC 3340 or PSYC 3630 • PSYC 3200 • 6 credit hours in Psychology | <ul style="list-style-type: none"> • PSYC 4520 • 6 credit hours in Psychology courses numbered at the 4000 level |

| | | | |
|--|---|--|--|
| | menu categories) ¹ • 12 credit hours in other Honours field • 6 credit hours in an ancillary option ² | courses: (3 hours from each of two different lettered menu categories not already taken in Year 2) • 12 credit hours in other Honours field | • 12 credit hours in other Honours field • 6 credit hours in an ancillary option ² |
|--|---|--|--|

NOTES:

¹ Lettered menu categories are as follows:

Category A: Personality/Social PSYC 2410, PSYC 2420, PSYC 2490, PSYC 2530 ~~PSYC 3450, PSYC 3460~~

Category B: Developmental PSYC 2290, ~~PSYC 2340, 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 3360, 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.

Sociology

Introductions:

SOC 2240 Sociology of Globalization Cr.Hrs. 3 +3.0
Explores various sociological theories of globalization, stratification, local-global linkages, transnational social movements, and migration, in order to grasp what globalization is, its extent, its driving forces, and its effects. Students may not hold credit for both SOC 2240 and SOC 3460 (077.346) when titled "Sociology of Globalization." 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)].

NET CHANGE IN CREDIT HOURS: +3.0

Program modifications (Sociology):

The department is proposing to offer the Single Advanced Major in Sociology for this first time since 2003/2004. The program is currently listed as "not currently offered" in the Calendar. Modifications to the course requirements for Years 2 and 3 of the program are proposed, as set out on the next page.

Program modifications (Sociology):

Sociology
2013-2014 Undergraduate Calendar

- Modifying Sociology Single Advanced Major Program

Added material

~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|---|--|--------|---|
| SINGLE ADVANCED MAJOR SOCIOLOGY TOTAL: 48 CREDIT HOURS | | | |
| SOC 1200 or SOC 1211 and SOC 1221 | <ul style="list-style-type: none"> • SOC 2220, SOC 2290, SOC 2330 • one of SOC 2390, SOC 3370, SOC 3810, SOC 3890 • one of 6 credit hours from SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390, SOC 3700 • 6-9 credit hours in Sociology courses numbered at the 2000 or 3000 level | | 18 credit hours in Sociology courses numbered at the 2000 or 3000 level |

Women's and Gender Studies

Deletions:

WOMN 3510 International Feminisms Cr.Hrs. 3 -3.0

Introductions:

WOMN 3520 Transnational Feminisms Cr.Hrs. 3 +3.0

Introduction to transnational feminist perspectives in order to analyse our contemporary world, including gendered, racialized, and classed power relations and inequalities. Focus is placed on how current global phenomena such as neoliberalism, structural adjustment, and migration shape people's lived experiences in different regions of the world. Students may not hold credit for both WOMN 3520 and the former WOMN 3510 (156.351). Prerequisite: [a grade of "C" or better in a minimum of three credit hours of Women's and Gender Studies courses] or written consent of instructor.

NET CHANGE IN CREDIT HOURS: 0.0

Program introduction: Double Advanced Major in Women's and Gender Studies

Women's and Gender Studies 2013-2014 Undergraduate Calendar

- Introduction of Double Advanced Major Program

Added material
~~Deleted material~~

| YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 |
|--|--|--------|--------|
| SINGLE ADVANCED MAJOR TOTAL: 48 CREDIT HOURS | | | |
| WOMN 1500 or WOMN 1600 | <ul style="list-style-type: none">• WOMN 2000 and WOMN 3000• 9 credit hours from Women's and Gender Studies courses• 9 credit hours from courses numbered at or above the 3000 level from Women's and Gender Studies courses and/or List A• 21 credit hours from Women's and Gender Studies courses and/or List A | | |
| DOUBLE ADVANCED MAJOR TOTAL: 42 CREDIT HOURS | | | |
| WOMN 1500 or WOMN 1600 | <ul style="list-style-type: none">• WOMN 2000 and WOMN 3000• 9 credit hours from Women's and Gender Studies courses• 9 credit hours from courses numbered at or above the 3000 level from Women's and Gender Studies courses and/or List A• 15 credit hours from Women's and Gender Studies courses and/or List A | | |

Faculty of Dentistry

Introductions:

DDSS 4112 Oral Diagnosis and Radiology 2 Cr.Hrs. 2 +2.0

This clinical course is designed to give the student clinical experience with: treatment planning; diagnostic techniques, differential diagnosis, emergency treatment and non-surgical management related to oral pathologic conditions. May not be held with DDSS 4200.

DDSS 4122 Oral and Maxillofacial Surgery 2 Cr.Hrs. 1 +1.0

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 4210.

DDSS 4150 Hospital Dentistry Cr.Hrs. 1 +1.0

This course is designed to provide the student with a familiarization with hospital protocol, reinforcement of understanding in medicine, surgery, pharmacology and therapeutics, the dental treatment of medically compromised and/or developmentally disabled patients in institutional settings. May not be held with DDSS 4130. Course evaluated on a pass/fail basis.

DENT 4202 Interdisciplinary Patient Centred Care Case Studies Cr.Hrs. 2 +2.0

Lectures and development of portfolio case designed to enable the student to obtain, organize and critically evaluate information in order to facilitate treatment planning. May not be held with DENT 4020.

DENT 4222 General Practice Dentistry Cr.Hrs. 10 +10.0

This course consists of an integrated, patient-centered clinical program with patient needs as the primary focus. Patients will be assigned to students and organized to provide the required clinical experiences typical of a contemporary general dental practice. May not be held with DENT 4030.

DENT 4232 General Practice Seminars Cr.Hrs. 2 +2.0

Topics relating to General Practice Dentistry are reviewed and reinforced in preparation for clinical practice and National Board Examinations. This course supports the General Practice Dentistry (DENT 4222) program with procedure reviews as needed. May not be held with DENT 4030.

DENT 4240 Dental Jurisprudence Cr.Hrs. 1 +1.0

This course provides an overview of the Canadian legal system. It defines and discusses legal concepts relevant to dentistry including issues in negligence, contracts, confidentiality, business and human rights. Identifying a dentist's legal responsibilities to patients, peers, employees, profession and society will underlie the entire course. May not be held with RSTD 4160.

DENT 4210 Dental Practice Management 4 Cr.Hrs. 2 +2.0

The management, evaluation, economics, organization, design, location, selection and marketing of a dental practice are covered by lectures and seminars. In addition, ethical considerations of dental practice, the options available to new dental graduates and the role of professional associations are discussed. May not be held with RSTD 4170.

PDSD 4412 Pediatric Dentistry – 3 Cr.Hrs. 2 +2.0

This course consists of clinical experience including exposure to common pediatric dentistry problems, caries preventive and control procedures, routine conservative procedures and the dental treatment of children in community-based clinics. May not be held with PDSD 4050.

PDSD 4402 Orthodontics – 4 Cr.Hrs. 2 +2.0

This course consists of seminars on special topics related to the provision of orthodontic therapy. In addition, the clinical component including the diagnosis and treatment planning for individuals seeking orthodontic treatment as well as the continuation of treatment commenced in PDSD 3040. Clinical seminars cover the analysis, diagnosis, treatment planning, mechanotherapy and post-treatment evaluation of previously treated cases. May not be held with PDSD 4060.

PDSD 4422 Community Dentistry Externship Cr.Hrs. 4 +4.0

This clinical program is centred in community clinics in the province of Manitoba. The clinics serve elderly, aboriginal, low income or northern patients. Health education seminars may be a requirement at some sites, prepared and delivered by the student interns. May not be held with PDSD 4080. Course evaluated on a pass/fail basis.

RSTD 4522 Advanced Topics in Endodontics Cr.Hrs. 1 +1.0

Seminars designed to enhance the clinical endodontics experience with literature review of diagnosis, more complex treatment methods and materials, case selection and student evidence-based literature and case presentations. May not be held with RSTD 4060.

NET CHANGE IN CREDIT HOURS: +30.0

Faculty of Environment, Earth, and Resources

Environment and Geography

Introductions:

GEOG 2700 Introduction to Arctic System Science Cr.Hrs. 3 +3.0

This course introduces students to the various components of the Arctic system, including the terrestrial and marine environments, polar atmosphere, biological and chemical oceanography. Prerequisite: GEOG 1290 or (GEOG 1291) (C), or GEOG 1200 or (GEOG 1201) (C) or ENVR 1000 (C) or GEOL 1340 (C).

GEOG 4780 Storms – Mesoscale Cr.Hrs. 3 +3.0

This course focuses on a range of storms and mesoscale phenomena in the summer and winter. These include thunderstorms, tornadoes, squall lines, lightning, low level jets, gust fronts, blizzards, freezing rain, orographic storms, and polar lows. The emphasis is on the physical mechanisms leading to these events and it also examines how they may change in our changing climate. Not to be held for credit with GEOG 7780. Prerequisites: A grade of "C" or better in GEOG 3310 (053.331) or permission of department head.

NET CHANGE IN CREDIT HOURS: +6.0

Faculty of Human Ecology

Family Social Sciences

Modifications:

FMLY 4802 Family Violence Prevention Cr.Hrs.3 0.0

Family violence prevention theories, research, practices and policies will be critically reviewed with regard to issues such as gender, culture, sexual orientation, and others. Prerequisites: FMLY 2800. Not to be held with the former FMLY 4800 (062.480).

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (Family Social Sciences):

Motion 6: Family Violence Electives – Proposed Calendar Copy

| Family Violence Option | | |
|-------------------------------|--|---------------------|
| Course Number | Course Name | Credit Hours |
| FMLY 2800 | Family Violence | 3 |
| FMLY 3802 or FMLY 3806 | Intimate Partner Violence or Children, Violence and Rights | 3 |
| FMLY 4802 | Family Violence Prevention | 3 |
| | At least 9 credit hours from (select at least 3 credit hours from courses numbered 3000 or 4000): | 9 |
| ANTH 3380 | Anthropology and Contemporary Social Issues | |
| FMLY 3610 | Developmental Health of Children and Youth | |
| FMLY 3800 | Conflict Resolution in the Family | |
| FMLY 4220 | Aging and Risk in a Global Context | |
| FMLY 4330 | Management of Family Stress | |
| FMLY 4602 | Family Relationships, Health and Well-Being | |
| FMLY 4604 | Children in Adversity | |
| NATV 1220 | The Native Peoples of Canada, Part 1 | |
| NATV 1240 | The Native Peoples of Canada, Part 2 | |
| NURS 3300 | Women and Health | |
| NURS 3400 | Men's Health: Concerns, Issues and Myths | |
| PSYC 2460 | Dyadic Relationships | |
| SOC 2370 | Ethnic Relations | |
| SOC 2510 | Criminology | |
| SOC 3700 | Sociology of Law | |
| SOC3790 | Women, Crime and Social Justice | |
| SOC 3830 | Youth, Crime and Society | |
| SWRK 3130 | Contemporary Canadian Social Welfare | |
| WOMN 3560 | Feminist Perspectives on Violence Against Women | |

Human Nutritional Sciences

Modifications:

HNSC 3342 Management for Food and Nutrition Professionals Cr.Hrs. 3 0.0

Management strategies and cost control principles as applied to food and nutrition organizations. Topics include leadership, organizational design, teamwork, human resource management, performance improvement, cost management, and the interpretation of financial statements. Not to be held with HNSC 3340 (030.334). Prerequisites: HNSC 2150 and HNSC 2160 (030.215 and 030.216) and GMGT 1010.

HNSC 4290 Food, Nutrition, and Health Policies Cr.Hrs.3 0.0

(Formerly 030.429) Principles and applications of policies, regulations and legislation in the areas of food and health that address nutrition and health problems of populations. Not to be held with the former 030.328. Prerequisites: HMEC 2000 (or 2050 or 028.205) and HNSC 2130 or HNSC 2140 (030.213 or 030.214) and HNSC 2150 (030.215) and STAT 2000 (005.200).

HNSC 4364 Foods Industry Option Practicum Cr.Hrs. 6 0.0

This course involves supervised application of food quality, safety, and management principles in a commercial or government setting. Requirements include 280 hours of work related to the field experience. Prerequisites: Completion of 84 credit hours in Human Nutritional Sciences, including the following courses from the Food Industry Option: HNSC 3260, HNSC 3330, FOOD 4150, and GMGT 1010. Application to Department is required. Limited enrolment.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (Human Nutritional Sciences):

Motion 3:

Food Industry Option – Proposed Calendar Copy

| | | |
|-----------------------------------|--|--------------|
| Food Industry Option | | |
| FOOD 4310 | Introduction to HACCP | 3 |
| GMGT 1010 or GMGT 2030 | Business and Society or Administrative Theory | 3 |
| GMGT 1010 | Business and Society | 3 |
| HNSC 3260 | Food Quality Behaviour | 3 |
| HNSC 3300 or HNSC 3310 | Vitamins and Minerals in Human Health or Macronutrients and Human Health | 3 |
| HNSC 4280 | Food Product Development | 3 |
| HNSC 4364 | Foods Industry Option Practicum | 6 |
| MKT 2210 | Fundamentals of Marketing | 3 |
| NOTE: | HNSC 4290 is not a requirement for students in the Food Industry Option | |
| | Electives (see Advising information for suggested electives) | 15 |

School of Medical Rehabilitation

Physical Therapy

Deletions:

| | |
|--|------|
| PT 2720 Electro-Physical Agents in Physical Therapy Management Cr.Hrs. 3 | -3.0 |
| PT 2750 Rehabilitation Exercise 2 Cr.Hrs. 2 | -2.0 |
| PT 2760 Orthopedic Assessment and Management 1 Cr. Hrs. 6 | -6.0 |
| PT 2770 Orthopedic Assessment and Management 2 Cr.Hrs. 6 | -6.0 |
| PT 2790 Physical Therapy Management of Musculoskeletal Disorders Cr.Hrs. 8 | -8.0 |
| PT 2890 Rehabilitation Biomechanics Cr.Hrs. 3 | -3.0 |
| PT 3730 Advanced Musculoskeletal Topics Cr.Hrs. 3 | -3.0 |
| PT 3740 Integrated Tutorials Cr.Hrs. 3 | -3.0 |
| PT 3750 Physical Therapy Neurological Interventions Across the Lifespan 1 Cr.Hrs. 6 | -6.0 |
| PT 3760 Physical Therapy Neurological Interventions Across the Lifespan 2 Cr.Hrs. 7 | -7.0 |
| PT 3880 Clinical Education in Neurological Disorders Cr.Hrs. 8 | -8.0 |
| PT 3920 Summer Internship Cr.Hrs. 8 | -8.0 |
| REHB 2410 Pathology and Clinical Manifestations Cr.Hrs. 4 | -4.0 |
| REHB 2460 Statistics Cr.Hrs. 3 | -3.0 |
| REHB 3410 Pathology and Clinical Manifestations of Neurological Conditions Cr.Hrs. 3 | -3.0 |
| REHB 3930 Neuroanatomy Cr.Hrs. 3 | -3.0 |
| REHB 3940 Neurosciences Cr.Hrs. 3 | -3.0 |

NET CHANGE IN CREDIT HOURS: -79.0

Respiratory Therapy

Deletions:

| | |
|--|------|
| RESP 1270 Respiratory Anatomy and Physiology Cr.Hrs. 3 | -3.0 |
| RESP 1280 Medical Microbiology and Infectious Disease Cr.Hrs. 2 | -2.0 |
| RESP 1290 Cardiopulmonary Pharmacology Cr.Hrs. 2 | -2.0 |
| RESP 1320 Applied Sciences for Respiratory Therapy Cr.Hrs. 3 | -3.0 |
| RESP 1330 Technical Aspects of Respiratory Care Cr.Hrs. 3 | -3.0 |
| RESP 1360 Treatment Administration in Respiratory Care Cr.Hrs. 3 | -3.0 |
| RESP 1370 Ventilator Support Principles Cr.Hrs. 6 | -6.0 |
| RESP 1380 Basic Fieldwork I Cr.Hrs. 4 | -4.0 |
| RESP 2300 Respiratory Clinical Assessment Cr.Hrs. 6 | -6.0 |
| RESP 2310 Clinical Aspect of Ventilator Management Cr.Hrs. 3 | -3.0 |
| RESP 2320 Ventilator Support Instrumentation Cr.Hrs. 6 | -6.0 |
| RESP 2330 Pulmonary Investigations Cr.Hrs. 3 | -3.0 |
| RESP 2340 Physiologic Measurements and Instrumentation Cr.Hrs. 3 | -3.0 |
| RESP 2350 Cardiology Cr.Hrs. 3 | -3.0 |
| RESP 2360 Pediatrics Cr.Hrs. 3 | -3.0 |
| RESP 2370 Anesthesiology Cr.Hrs. 3 | -3.0 |
| REHB 3460 Introduction to Healthcare Administration and Management Cr.Hrs. 3 | -3.0 |

Introductions:

RESP 1400 Introduction to Professional Practice Cr.Hrs. 3 +3.0

This course provides an introduction to the profession of Respiratory Therapy and the roles and responsibilities of a Respiratory Therapist as a member of the health care team. Emphasis is placed on professional conduct, communication and decision-making around issues affecting client-centered care. The course also introduces the safety aspects of delivering respiratory therapy according to the Canadian Standards Association, as well as workplace safety and health.

RESP 1410 Health Systems and Respiratory Care Cr.Hrs. 3 +3.0

Building on RESP 1400, Introduction to Professional Practice, this course further explores the role of the Respiratory Therapist as a regulated health care professional in Canada and the function of regulatory and professional advocacy organizations. Students will learn concepts of patient safety and quality and how human, materiel, and financial resource management is accomplished in the Canadian health care system. Emphasis is placed on the integration of professional practice knowledge, skills and attitudes.

RESP 1420 Applied Physiology for Respiratory Therapy Cr.Hrs. 6 +6.0

The course is designed to provide students with a basic understanding of the function and regulation of the systems and major organs of the human body as they relate to clinical respiratory sciences.

RESP 1430 Respiratory Therapeutics I Cr.Hrs. 6 +6.0

A lecture and laboratory course which introduces basic therapeutic concepts, technologies and techniques employed in respiratory therapy including medical gases, humidity and aerosol therapy, and bronchopulmonary hygiene. It also introduces the principles of gas physics, and the physical and chemical properties of medical gases used in respiratory care.

RESP 1440 Pharmacology Cr.Hrs. 3 +3.0

This course will introduce the principles of pharmacology, those factors modifying drug effects, and individual pharmacologic agents including: ANS drugs, CNS drugs, cardiovascular medications, respiratory medications, antibiotics, and other drugs relevant to Respiratory Therapy.

RESP 1450 Principles of Mechanical Ventilation Cr.Hrs. 6 +6.0

The course will focus on the fundamental physical and physiologic principles involved with mechanical ventilation under normal and abnormal respiratory conditions. Various forms and application strategies of positive pressure ventilation will be introduced and explained as to their effects on the physiological systems.

RESP 1460 Basic Fieldwork I Cr.Hrs. 4 +4.0

This course is comprised of 160 hours of clinical fieldwork experiences in respiratory therapy, provided under the supervision of registered respiratory therapists at one or more approved clinical sites.

RESP 2200 Primary Care in Respiratory Therapy Cr.Hrs. 3 +3.0

This course provides an understanding of primary care in Respiratory Therapy practice as a method of supporting individuals and populations with respiratory disease. Students will learn the principles of health promotion and disease prevention, as well as chronic disease management and self-management strategies. Prerequisite: This course is restricted to

students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2210 Pathophysiology Cr.Hrs. 6 +6.0

This course will introduce the pathogenesis of primary diseases of the cardio-respiratory, peripheral vascular, central and peripheral nervous systems. Specific disorders of the renal, metabolic, and immune systems, as well as infectious diseases with particular relevance to respiratory therapy will be introduced. The course will also introduce the differential diagnosis and current strategies employed in the management of these diseases. Prerequisite: This course is restricted to students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2220 Physical Examination and Health Assessment Cr.Hrs. 3 +3.0

This course focuses on the development of the patient/client history and physical examination skills essential to health assessment. Students will apply the findings of health assessments in the determination of differential diagnoses and in the development of respiratory care plans. Prerequisite: This course is restricted to students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2230 Respiratory Therapeutics II Cr.Hrs. 6 +6.0

This lecture and laboratory based course introduces advanced respiratory therapeutics including airway management, anaesthesia, invasive hemodynamic techniques, blood sample procurement and analysis, and others commonly employed in respiratory therapy. Prerequisite: This course is restricted to students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2240 Clinical Mechanical Ventilation Cr.Hrs. 3 +3.0

This course will discuss the initiation and management of all types of mechanical ventilation, both conventional and advanced, with intra and inter-facility patient transport. Interpretation of detailed pulmonary mechanics will be discussed to allow for assessment of ventilated patients. Prerequisite: This course is restricted to students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2250 Ventilator Instrumentation Cr.Hrs. 3 +3.0

This is a comprehensive course in the function, operation, and application of specified neonatal, pediatric and adult ventilators. Illustration of the necessary skills to set up, monitor and troubleshoot the ventilator will be examined in the classroom as well as in simulated patient case scenarios. Prerequisite: This course is restricted to students registered in year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

RESP 2260 Cardiopulmonary Diagnostics Cr.Hrs. 3 +3.0

This course will introduce the principles of cardiac and pulmonary function diagnostics including: static and dynamic measures, determination of volumes and capacities, exercise physiology. Cardiopulmonary function changes relative to common diseases and abnormal physiologic states will be evaluated. Prerequisite: This course is restricted to students registered in year two

of the Bachelor of Medical Rehabilitation in Respiratory Therapy program who have completed all of the required courses for year one of the program.

NET CHANGE IN CREDIT HOURS: -1.0

Program modifications (Respiratory Therapy):

Net Changes in Credit Hours in Respiratory Therapy [phase 2]

The courses in Year 1 of the BMR(RT) program are as follows (2014-2015):

| Dept. Name | Dept Code | Course No. | Credit Hrs. |
|---------------------|-----------|------------|----------------------------|
| Anatomy | ANAT | 1030 | 3 |
| Physiology | PHGY | 1030 | 6 [remove from deg |
| Respiratory Therapy | RT | 1270 | 3 [course deletion] |
| Respiratory Therapy | RT | 1280 | 2 [course deletion] |
| Respiratory Therapy | RT | 1320 | 3 [course deletion] |
| Respiratory Therapy | RT | 1330 | 3 [course deletion] |
| Respiratory Therapy | RT | 1360 | 3 [course deletion] |
| Respiratory Therapy | RT | 1290 | 2 [course deletion] |
| Respiratory Therapy | RT | 1370 | 6 [course deletion] |
| Respiratory Therapy | RT | 1380 | 4 [course deletion] |
| Respiratory Therapy | RT | 1400 | 3 [course introducti |
| Respiratory Therapy | RT | 1410 | 3 [course introducti |
| Respiratory Therapy | RT | 1420 | 6 [course introducti |
| Respiratory Therapy | RT | 1430 | 6 [course introducti |
| Respiratory Therapy | RT | 1440 | 3 [course introducti |
| Respiratory Therapy | RT | 1450 | 6 [course introducti |
| Respiratory Therapy | RT | 1460 | 4 [course introducti |
| | | | 34 (net change - 1) |

Net Changes in Credit Hours in Respiratory Therapy [phase 3]

The courses in Year 2 of the BMR(RT) program are as follows (2015-2016):

| <u>Dept. Name</u> | <u>Dept Code</u> | <u>Course No.</u> | <u>Credit Hrs.</u> |
|--------------------------------|------------------|-------------------|--------------------------------|
| Medical Rehabilitation | REHB | 2450 | 3 |
| Respiratory Therapy | RT | 2380 | 4 |
| Respiratory Therapy | RT | 2390 | 6 |
| Respiratory Therapy | RT | 2300 | 6 {course deletion} |
| Respiratory Therapy | RT | 2340 | 3 {course deletion} |
| Respiratory Therapy | RT | 2350 | 3 {course deletion} |
| Respiratory Therapy | RT | 2360 | 3 {course deletion} |
| Respiratory Therapy | RT | 2370 | 3 {course deletion} |
| Respiratory Therapy | RT | 2310 | 3 {course deletion} |
| Respiratory Therapy | RT | 2330 | 3 {course deletion} |
| Respiratory Therapy | RT | 2320 | 6 {course deletion} |
| Respiratory Therapy | RT | 2200 | 3 [course introduction] |
| Respiratory Therapy | RT | 2210 | 6 [course introduction] |
| Respiratory Therapy | RT | 2220 | 3 [course introduction] |
| Respiratory Therapy | RT | 2230 | 6 [course introduction] |
| Respiratory Therapy | RT | 2240 | 3 [course introduction] |
| Respiratory Therapy | RT | 2250 | 3 [course introduction] |
| Respiratory Therapy | RT | 2260 | 3 [course introduction] |
| | | | 40 (net change - 3) |

Net Changes in Credit Hours in Respiratory Therapy [phase 4]

The courses in Year 3 of the BMR(RT) program are as follows (2016-2017):

| Dept. Name | Dept Code | Course No. | Credit Hrs. |
|------------------------|------------------|-------------------|--------------------------------|
| Medical Rehabilitation | REHB | 3460 | 3 (course deletion) |
| Respiratory Therapy | RT | 3440 | 6 |
| Respiratory Therapy | RT | 3320 | 3 |
| Respiratory Therapy | RT | 3350 | 3 |
| Respiratory Therapy | RT | 3360 | 3 |
| Respiratory Therapy | RT | 3370 | 4 |
| Respiratory Therapy | RT | 3410 | 8 |
| Respiratory Therapy | RT | 3420 | 5 |
| Respiratory Therapy | RT | 3430 | 6 |
| | | | <hr/> |
| | | | 38 (net change - 3) |

Faculty of Music

Deletions:

| | |
|-------------------------------------|------|
| MUSC 3840 Topics in Music Cr.Hrs. 3 | -3.0 |
| MUSC 3850 Topics in Music Cr.Hrs. 3 | -3.0 |

Modifications:

| | |
|--|-----|
| MUSC 3112 Jazz Composition and Arranging Cr.Hrs. 3 | 0.0 |
|--|-----|

A study of the fundamentals of part writing such as instrumental range and transposition, various styles of unison writing, simple harmonic writing, melodic, harmonic and rhythmic devices along with standard and non-standard song structures. Course will culminate in a recital of student compositions and arrangements. Prerequisite: MUSC 2122 or consent of the Faculty of Music.

| | |
|------------------------------------|-----|
| MUSC 3554 Jazz Recital I Cr.Hrs. 3 | 0.0 |
|------------------------------------|-----|

Preparation and performance of a public recital. The program must be approved by the applied instructor and jury members. Prerequisite: MUSC 1014, MUSC 1120, MUSC 1394, MUSC 3230 and MUSC 2400 or consent of the Faculty of Music. For Music students only.

| | |
|---|-----|
| MUSC 4130 History of Women in Music Cr.Hrs. 3 | 0.0 |
|---|-----|

A study of the female contribution to the art of music from the Middle Ages to the present; emphasis on the changing roles of, and attitudes towards, women as composers and performers. Prerequisite: MUSC 1014 or consent of the Faculty of Music.

| | |
|---|-----|
| MUSC 4470 Major Practical Study Cr.Hrs. 6 | 0.0 |
|---|-----|

Individual instruction, normally in the area chosen in MUSC 3470. An important constituent of the grading procedure for this course is performance in and attendance at the recitals/concerts of the Faculty of Music. Prerequisites: MUSC 2120, 2394 and MUSC 3550. For Music students only.

NET CHANGE IN CREDIT HOURS: -6.0

Faculty of Science

Biological Sciences

Deletions:

| | |
|--------------------------------------|------|
| BIOL 3450 Plant Physiology Cr.Hrs. 3 | -3.0 |
|--------------------------------------|------|

Introductions:

| | |
|--------------------------------------|------|
| BIOL 3400 Plant Physiology Cr.Hrs. 3 | +3.0 |
|--------------------------------------|------|

(Lab Required) An integrative view of major physiological processes in plants, spanning the biochemical, cellular, tissue, organ and whole plant levels of organization. The focus will be on photosynthesis, respiration, plant water relations, plant mineral nutrition, and the role of hormonal and extrinsic factors in the regulation of plant growth. This course is taught together with PLNT 3400. Students may not hold credit for both BIOL 3400 and PLNT 3400. Not to be

held with the former BIOL 3450 or BOTN 2020 or PLNT 3500. Prerequisites: BIOL 1030 (C); and BIOL 2242 (or equivalent) (C); and a grade of "C" or better in one of CHEM 2360, MBIO 2360, CHEM 2770, or MBIO 2770; or consent of the department.

Modifications:

BIOL 3452 Environmental Plant Physiology Cr.Hrs. 3 0.0
(Lab Required) (Formerly BOTN 3010) An integrated study of the major physiological processes in higher plants, and how these processes influence growth and development of plants in natural ecosystems. Stress responses of plants to water, temperature, light and nutrients will be emphasized. Not to be held with PLNT 3500 (039.350), 001.317, or 001.467. Prerequisite: one of: BIOL 3400 (formerly BIOL 3450), PLNT 3400, or equivalent (C); and one of CHEM 1310 or CHEM 1311 (C).

BIOL 4250 Principles of Plant Pathology Cr.Hrs. 3 0.0
(Lab Required) (Formerly BOTN 4210) A study of the interactions of causal agents, environment, and host plants in the development of disease. Special attention will be given to diseases of local and regional significance. Laboratory exercises will illustrate the basic techniques of plant pathology. Prerequisites: one of: BIOL 3400 (formerly BIOL 3450) or PLNT 3400 (C); and one of BIOL 2260 (BOTN 2210) (C) or BIOL 2261; or consent of department.

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (Biological Sciences):

BIOLOGICAL SCIENCES PROGRAM MODIFICATIONS EFFECTIVE 2014 FALL TERM

The deletion of BIOL 3450 and introduction of BIOL 3400 will result in a change to all 4-year B.Sc. Major (incl. Co-op) and Honours (incl. Co-op) Degree programs in the Department of Biological Sciences.

Currently, students in these programs must select a course from the following list to satisfy the 3rd year Physiology component of the degree:

Choose one of the following:

BIOL 3450, BIOL 3470, BIOL 3472

The new list in all programs will include the newly introduced BIOL 3400.

Choose one of the following:

BIOL 3400 (the former BIOL 3450), BIOL 3470, BIOL 3472

Additionally, in the **Environmental and Integrative Physiology Theme**, B.Sc. Honours (incl. Co-op) and Major (incl. Co-op) degree students currently select courses from this list:

Choose two of: BIOL 3470, BIOL 3472, BIOL 3450 (if not already taken), or BIOL 3452 (theme courses).

The newly introduced BIOL 3400 will be added to this list of theme specific optional requirements.

Choose two of: BIOL 3470, BIOL 3472, BIOL 3400 (the former BIOL 3450) if not already taken, or BIOL 3452 (theme courses).

Rationale: Replacing BIOL 3450 with BIOL 3400 results in the above changes.

Biotechnology Program

Program modifications:

BIOTECHNOLOGY PROGRAM PROGRAM MODIFICATIONS EFFECTIVE 2014 FALL TERM

Current B.Sc. Major and B.Sc. Honours Degree (incl. Co-op) Biotechnology Program Stream Options:

Program Stream Courses:

Analytical Biotechnology: MATH 1700¹, CHEM 4370, CHEM 4590, CHEM 4670, CHEM 4700

Environmental Biotechnology: MATH 1700¹, BIOE 3200, BIOE 3530, BIOE 4510, MBIO 4672

Molecular Biotechnology: BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

Note: In some instances pre-requisites will be waived upon approval by the appropriate department.

Proposed Program Stream Options:

Program Stream Courses:

Analytical Biotechnology: MATH 1700¹, CHEM 4370, CHEM 4590, CHEM 4670, CHEM 4700

Molecular Biotechnology: BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

Note: In some instances pre-requisites will be waived upon approval by the appropriate department.

Summary: Delete Environmental Biotechnology Stream

Rationale: BIOE 3200 and BIOE 4510 no longer exist, making it impossible to satisfy the requirements currently laid out in this stream.

There are currently no students registered in the Environmental Biotechnology Stream.

**BIOTECHNOLOGY PROGRAM
PROGRAM MODIFICATIONS
EFFECTIVE 2014 FALL TERM**

Proposed Change to Biotechnology Honours Co-op Program:

Removal of BTEC 4000 “**Research Project in Biotechnology**” from the requirements of the Honours Co-operative Option program.

Summary: Removal of the 6 credit hour Honours Project course from Biotechnology Honours Co-op program, resulting in the addition of 6 credit hours of elective credit to maintain the 120 credit hours in the degree.

Rationale: In keeping with most other B.Sc. Honours Co-op programs that do not require students to complete an Honours project in addition to the completion of 3 or 4 employment terms.

Computer Science

Introductions:

COMP 4990 Workterm 4 Cr.Hrs. 0 0.0
Work assignment in business, industry, or government for students registered in the Computer Science Cooperative Option. Requires submission of a written report covering the work completed during the four-month professional assignment. (Pass/Fail). Prerequisite: COMP 4980 (P).

NET CHANGE IN CREDIT HOURS: 0.0

Microbiology

Deletions:

MBIO 2410 Essentials of Molecular Biology Cr.Hrs. 3 -3.0

Introductions:

MBIO 1410 Introduction to Molecular Biology Cr.Hrs. 3 +3.0
A basic introduction to the molecular biology of organisms ranging from bacteria to humans. Topics to be discussed include the basic applications of molecular biology to disciplines such as medical microbiology, criminology, genetic fingerprinting, genome sequencing and bioinformatics. Not available to students who have previously obtained credit in, or are currently enrolled in, the following courses: the former MBIO 2410, BIOL 2500, BIOL 2501, MBIO 2020, MBIO 2021, the former MBIO 2100 (MBIO 2101), 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 1410 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.

MBIO 2420 Introductory Virology Cr.Hrs. 3 +3.0
An introduction to the general principles of eukaryotic virology, with emphasis on animal virus systems. These principles will be reinforced and expanded to deal with specific viruses that cause acute and chronic infections in humans. Topics to be discussed include the molecular structure of viruses; the basic multiplication strategies of the major virus families; mechanisms of host immune evasion; and viral latency, persistence, and oncology. Prerequisite: MBIO 1010.

MBIO 4030 Special Topics in Microbiology Cr.Hrs. 3 +3.0
Microbiology is a very broad field that encompasses a wide range of specialized topics. In this course, students can pursue a specific topic in detail through lectures, assigned readings, seminars and research projects. The course is normally restricted to third and fourth year Honours and Major students. Topics to be covered by the course shall be decided by the instructor(s) in consultation with the student(s) and with the approval from the Department. Grades are based on written assignments and reports. Evaluation may also include oral presentation and poster presentation(s). Prerequisite: Consent of Department.

Modifications:

MBIO 1010 Microbiology I Cr.Hrs. 3

0.0

(Lab Required) Topics will include the definition and history of microbiology, concepts of practical microbiology, prokaryotic cell structure, prokaryotic specialization in gene expression and transfer of genetic information, the role of microbes in environments including the human body, and applications of microbiology to food production and biotechnology. Not to be held with MBIO 1011 or the former MBIO 2100 (MBIO 2101) or MBIO 2110 (MBIO 2111). Prerequisite: BIOL 1020.

NET CHANGE IN CREDIT HOURS: +6.0

Physics and Astronomy

Modifications:

PHYS 2600 Electromagnetic Field Theory Cr.Hrs. 3

0.0

(Lab Required) (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. In addition to the lectures, the course includes a tutorial session of two hours per week. 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.

NET CHANGE IN CREDIT HOURS: 0.0

Psychology

Program modifications (see next four pages):

NET CHANGE IN CREDIT HOURS: 0.0

Program modifications (Psychology):

PSYCHOLOGY PROGRAM MODIFICATIONS EFFECTIVE 2014 FALL TERM

Proposed Change to the B.Sc. Honours Degree in Psychology

1. Alter the listed courses in the different categories:

a. Current Category listing:

Categories of Psychology Courses

| | | |
|-------------|--------------------|---|
| Category A: | Personality/Social | <u>PSYC 2410, PSYC 2420, PSYC 3450, PSYC 3460</u> |
| Category B: | Developmental | <u>PSYC 2290, PSYC 2310, PSYC 2370</u> |
| Category C: | Learning | <u>PSYC 2440, PSYC 2470</u> |
| Category D: | Cognitive | <u>PSYC 2480, PSYC 3160, PSYC 3170, PSYC 3441, PSYC 3580, PSYC 3610</u> |
| Category E: | Biological | <u>PSYC 2360, PSYC 3350, PSYC 3430</u> |

b. Proposed Category listing:

Categories of Psychology Courses

| | | |
|-------------|--------------------|--|
| Category A: | Personality/Social | <u>PSYC 2410, PSYC 2420, PSYC 2xxx, PSYC 2xxx</u> PSYC 2490, PSYC 2530 |
| Category B: | Developmental | <u>PSYC 2290</u> |
| Category C: | Learning | <u>PSYC 2440, PSYC 2470</u> |
| Category D: | Cognitive | <u>PSYC 2480</u> |
| Category E: | Biological | <u>PSYC 2360</u> |

Rationale for Proposed Change to the Honours Degree Program:

The Department of Psychology recently underwent an external review of our Undergraduate Program. The Review Committee recommended that we enhance the structure of our curriculum. In particular, they advised that we develop a more rigorous distinction between our 2000- level and 3000-level course offerings to ensure that 3000- level courses provide more advanced training in topics covered at a more basic level in 2000-level courses. As a result of this endeavor, a number of curriculum changes under review will impose the restriction that basic-level courses within topic areas of the department must be completed prior to registration in 3000-level courses. The outcome of these changes have implications for the courses that students in our honours degree programs must take in order to satisfy the breadth requirements of those

programs. That is, some courses currently listed as options under each of these five "menu categories" will not be available for students to register in unless they have completed other options. To bring the courses listed under each menu category in line with the host of other changes to our curriculum that are currently under consideration, the options listed within each of these menu categories should be revised.

**PSYCHOLOGY
PROGRAM MODIFICATIONS
EFFECTIVE 2014 FALL TERM**

Proposed Changes to the B.Sc. Major Degree in Psychology

1. Alter the listed courses in the different categories:

a. Current Category listing:

Categories of Psychology Courses

| | | |
|-------------|--------------------|---|
| Category A: | Personality/Social | <u>PSYC 2410, PSYC 2420, PSYC 3450, PSYC 3460</u> |
| Category B: | Developmental | <u>PSYC 2290, PSYC 2310, PSYC 2370</u> |
| Category C: | Learning | <u>PSYC 2440, PSYC 2470</u> |
| Category D: | Cognitive | <u>PSYC 2480, PSYC 3160, PSYC 3170, PSYC 3441, PSYC 3580, PSYC 3610</u> |
| Category E: | Biological | <u>PSYC 2360, PSYC 3350, PSYC 3430</u> |

b. Proposed Category listing:

Categories of Psychology Courses

| | | |
|-------------|--------------------|---|
| Category A: | Personality/Social | <u>PSYC 2410, PSYC 2420, PSYC 2490, PSYC 2530</u> |
| Category B: | Developmental | <u>PSYC 2290</u> |
| Category C: | Learning | <u>PSYC 2440, PSYC 2470</u> |
| Category D: | Cognitive | <u>PSYC 2480</u> |
| Category E: | Biological | <u>PSYC 2360</u> |

2. Change the Category List requirements.

- a. ~~Currently Major degree students must do at least one course from 4 out of 5 categories.~~
- b. The department proposes that Major degree students complete at least one course from all 5 categories.

Rational for the Proposed Changes to the Major Degree program:

Recently, Psychology underwent an external review of our undergraduate program. Overall, the review committee was pleased with our efforts to require comprehensive and broad training in psychological science for students accepted into our B.A. (Honours) and B.Sc. (Honours) programs. However, they were concerned that our regular B.A. programs do not receive similar opportunities. They made several recommendations that our non-honours students should have opportunities that we currently only provide to our honours students. Some of their recommendations we are unable to implement at this time, but one suggestion

that we require a breadth of training for our non-honours students merely involves extending the breadth requirements that are already imposed on our honours students to students in our other degree programs. Consequently, the current proposal is to revise our Psychology B.A. (Advanced) and B.Sc. (4-Year) Major programs such that students must complete one course from each of five menu categories.

Université de Saint-Boniface

Faculty of Arts

Spanish

Deletions:

| | |
|--|------|
| SPAN 1261 Espagnol intermédiaire Cr.Hrs. 3 | -3.0 |
| SPAN 1271 Espagnol oral Cr.Hrs. 3 | -3.0 |

Introductions:

SPAN 1263 Espagnol intermédiaire: grammaire et conversation 1 Cr.Hrs. 3 +3.0
(Laboratoire obligatoire) Ce cours est la première partie de l'espagnol intermédiaire. L'accent est mis sur le développement des compétences intermédiaires en lecture, écriture, expression orale et compréhension orale. Les principaux objectifs sont de renforcer les compétences de communication et de renforcer la sensibilisation sociale et culturelle du monde hispanophone. Ce cours n'est pas ouvert aux étudiants parlant couramment l'espagnol. On ne peut se faire créditer SPAN 1263 et aucun de SPAN 1262, SPAN 1280, SPAN 1290, l'ancien SPAN 1260 (044.126) ou l'ancien SPAN 1261 (ancien TRAD 1261, ancien 122.126). Préalables: une note minimale de C dans SPAN 1180 (044.118) ou l'ancien SPAN 1181 ou l'ancien TRAD 1181 (122.118) ou SPAN 1190 ou SPAN 1191 ou l'autorisation écrite de la professeure ou du professeur.

SPAN 1273 Espagnol intermédiaire: grammaire et conversation 2 Cr.Hrs. 3 +3.0
(Laboratoire obligatoire) Ce cours est la deuxième partie de l'espagnol intermédiaire. L'accent est mis sur le développement des compétences intermédiaires en lecture, écriture, expression orale et compréhension orale. Les principaux objectifs sont de renforcer les compétences de communication et de renforcer la sensibilisation sociale et culturelle du monde hispanophone. Ce cours n'est pas ouvert aux étudiants parlant couramment l'espagnol. On ne peut se faire créditer SPAN 1273 et aucun de SPAN 1272, SPAN 1271, SPAN 1280, SPAN 1290, l'ancien SPAN 1270 (044.127), l'ancien TRAD 1271 (122.127). Préalables: une note minimale de C dans SPAN 1263 ou SPAN 1262 ou l'ancien SPAN 1260 (044.126) ou SPAN 1261 ou l'ancien TRAD 1261 (122.126) ou l'autorisation écrite de la professeure ou du professeur.

NET CHANGE IN CREDIT HOURS: 0.0

Psychology

Introductions:

PSYC 3341 Design et analyse de données en recherche en psychologie Cr.Hrs. 3 +3.0
Étude des méthodes visant à contrôler la validité interne des études en psychologie. L'échantillonnage aléatoire et stratifié, la distribution aléatoire, la configuration factorielle et les plans à mesures répétées sont discutés. Les méthodes d'analyse descriptive et d'analyse multivariée sont présentées. L'utilisation de logiciels statistiques est illustrée. On ne peut se faire créditer PSYC 3341 et PSYC 3340 ou l'ancien PSYC 4570 (017.457). Préalables: Une

note minimale de B dans PSYC 2260 (017.226) ou PSYC 2261 ou une note minimale de C dans l'ancien PSYC 2300 (017.230) ou l'autorisation écrite de la professeure ou du professeur.

Modifications:

PSYC 3131 Psychologie de la santé Cr.Hrs. 3 0.0
Introduction au domaine de la psychologie de la santé. Étude de la contribution des interactions complexes entre des facteurs environnementaux, psychologiques, neurologiques et immunitaires au maintien de la santé et, par conséquent, au développement des maladies. On ne peut se faire créditer PSYC 3131 et aucun de PSYC 3130 ou PSYC 3530 quand le titre est "Health Psychology". Préalables: une note minimale de C dans PSYC 1201 ou PSYC 1200 (017.120) ou dans PSYC 1211 (017.121) et PSYC 1221 (017.122) et une note minimale de C dans trois crédits de psychologie de niveau 2000.

NET CHANGE IN CREDIT HOURS: +3.0

Faculty of Education

Introductions:

EDUB 5549 Didactique en français de base Cr.Hrs. 3 +3.0
Étude de la théorie qui sous-tend les courants actuels et les problématiques émergentes en enseignement du français de base. Analyse des méthodes et des pratiques pédagogiques qui favorisent l'enseignement et l'apprentissage dans le contexte du français de base.

Modifications:

EDUA 5681 Promotion d'un comportement responsable en milieu scolaire Cr.Hrs. 3 0.0
(Ancien 129.568) Étude des besoins des enfants ayant des problèmes de comportement en milieu scolaire. Analyse de la conceptualisation des troubles du comportement, des procédures d'identification et d'évaluation de ces troubles, ainsi que des stratégies d'intervention. Le cours a pour objectif d'habiliter les enseignantes et enseignants à concevoir des stratégies d'intervention appropriées en milieu scolaire. On ne peut se faire créditer le EDUA 5681 (ancien 129.568) et le EDUA 5680 et l'ancien 043.542.

EDUB 5543 Les arts dramatiques et l'enseignement du français de base Cr.Hrs. 3 0.0
Exploration de l'art dramatique comme approche dans la classe de français langue seconde. Familiarisation avec le langage du domaine et la documentation récente. Ateliers pratiques reliés aux divers aspects de l'art dramatique pertinents à l'enseignement des compétences langagières.

NET CHANGE IN CREDIT HOURS: +3.0

Faculty of Science

Microbiology

Modifications:

MBIO 3011 Mécanismes des maladies microbiennes Cr.Hrs. 3 0.0
(Ancien 060.301) Étude des relations hôtes-parasites. Introduction à la réponse immunitaire, à la pathogénie microbienne, aux maladies virales, à la microbiologie clinique, à la santé publique et aux agents antimicrobiens. On ne peut se faire créditer MBIO 3011 et MBIO 3010.
Préalables: une note minimale de C dans MBIO 2021 ou MBIO 2020 (MBIO 2100, MBIO 2101, 060.210). Concomitant: un de MBIO 2361, MBIO 2360 (060.236), CHEM 2361 ou CHEM 2360 (002.236).

NET CHANGE IN CREDIT HOURS: 0.0

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 29, 2013 the Senate Committee on Awards approved three new offers and seven amended offers, and the withdrawal of three awards, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 29, 2013).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve three new offers and seven amended offers, and the withdrawal of three awards, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated October 29, 2013). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Phil Hultin
Chair, Senate Committee on Awards

SENATE COMMITTEE ON AWARDS

Appendix A October 29, 2013

1. NEW OFFERS

Dr. Gordon H. Josie Memorial Scholarship

Dr. Gordon H. Josie (B.Sc/32, M.Sc/35) has bequeathed \$10,000 to establish an endowment fund in 2013. The purpose of the fund is to support undergraduate students in the Faculty of Science. Beginning in the 2014-2015 academic year, the available annual income from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) is enrolled full-time (minimum 80% course load) in the second, third, or fourth year of any major or honours program offered in the Faculty of Science at the University of Manitoba;
- (2) has achieved a minimum degree grade point average of 3.5.

The selection committee will be named by the Dean of the Faculty of Science (or designate).

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.

Master of Physician Assistant Studies Academic Performance Scholarship

The Faculty of Medicine at the University of Manitoba has established a fund to support student awards in the Master of Physician Assistant Studies program. Funds collected from various student payments, contract services, and fees, will contribute to annually funded awards for students enrolled in the Master of Physician Assistant Studies (MPAS) degree program. Beginning in the 2014-2015 academic year, a portion of these funds will be used to award 12 scholarships valued at \$5,000 each to graduate students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies in the first year of study in the Master of Physician Assistant Studies Program (MPAS) at the University of Manitoba;
- (2) have achieved outstanding academic performance with a minimum degree grade point average of 3.5.

The Dean of Graduate Studies (or designate) will ask the Director of the Office of Physician Assistant Studies (or designate) to name the selection committee for this award.

Medicine Class of 1957A Bursary

On the occasion of their 55th anniversary reunion in 2012 class members from the 1957A graduating class established an endowment fund. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The purpose of this bursary is to support medical students in any year of the undergraduate medical education program with financial need. Beginning in the 2014-2015 academic year, the available annual earnings from the fund will be used to offer one or two bursaries to undergraduate students who:

- (1) are enrolled full-time in any year of study in the Undergraduate Medical Education Program (UGME) at the University of Manitoba;
- (2) are in good standing in the UGME program;
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to determine the value of the bursaries each year.

The Dean of the Faculty of Medicine (or designate) will name the selection committee for this award.

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

Howard Lees Scholarship in Microbiology

The following amendments have been made to the terms of reference for the Howard Lees Scholarship in Microbiology:

- The first sentence of the preamble now specifies the fund type supporting this award as endowed.
- The requirement for students to have graduated in the previous twelve months has been replaced with “is a graduate from the University of Manitoba” in criterion (1).
- Criterion (2) has been revised and now reads: “is enrolled full-time in the Faculty of Graduate Studies in the first 24 months of a graduate program in the Department of Microbiology at the University of Manitoba;”
- Criterion (3), which reads, “has achieved a minimum degree grade point average of 3.5” has been added.
- Criterion (4), which was previously criterion (3), has been revised and now reads: “has attained the highest academic standing among their fellow microbiology graduate students in the last 48 credit hours of courses taken at the 2000 level or above.”
- The sentence immediately following the numbered eligibility criteria has been replaced with the following: “Recipients may only hold this award once.”
- The standard Board of Governors paragraph has been added.
- Several editorial changes have been made.

Master of Physician Assistant Studies: Capstone Project Graduation Prize

The following amendments have been made to the terms of reference for the Master of Physician Assistant Studies: Capstone Project Graduation Prize:

- The first sentence of the preamble has been revised whereby ‘Graduate Studies’ has been replaced with ‘Medicine’. It has also been made explicit that the Faculty of Medicine has established a fund to support student awards in the Master of Physician Assistant Studies program.
- The second sentence of the preamble has been deleted.
- The word ‘revenue’ at the start of the third sentence of the preamble has been replaced with ‘funds’.
- Criterion (1) has been deleted.
- The new criterion (1), formerly criterion (2), reads: “has met the degree requirements of the MPAS program in the year in which the prize is tenable;”
- The following wording has been deleted from criterion (2), formerly criterion (3): “and is in good academic standing in the Faculty of Graduate Studies.”
- Criterion (3), formerly criterion (4) reads: demonstrates best overall performance in Clinical Year Capstone Project (PAEP 7350).”
- Several editorial changes have been made.

Master of Physician Assistant Studies: Future of the Profession Graduation Prize

The following amendments have been made to the terms of reference for the Master of Physician Assistant Studies: Future of the Profession Graduation Prize:

- The first sentence of the preamble has been revised whereby 'Graduate Studies' has been replaced with 'Medicine'. It has also been made explicit that the Faculty of Medicine has established a fund to support student awards in the Master of Physician Assistant Studies program.
- The second sentence of the preamble has been deleted.
- The word 'revenue' at the start of the third sentence of the preamble has been replaced with 'funds'.
- Criterion (1) has been deleted.
- The new criterion (1), formerly criterion (2), reads: "has met the degree requirements of the MPAS program in the year in which the prize is tenable;"
- The following wording has been deleted from criterion (2), formerly criterion (3): "and is in good academic standing in the Faculty of Graduate Studies."
- Criterion (3), formerly criterion (4) reads: "best promotes and advocates for the profession."
- Several editorial changes have been made.

Master of Physician Assistant Studies: Leadership Graduation Prize

The following amendments have been made to the terms of reference for the Master of Physician Assistant Studies: Leadership Graduation Prize:

- The first sentence of the preamble has been revised whereby 'Graduate Studies' has been replaced with 'Medicine'. It has also been made explicit that the Faculty of Medicine has established a fund to support student awards in the Master of Physician Assistant Studies program.
- The second sentence of the preamble has been deleted.
- The word 'revenue' at the start of the third sentence of the preamble has been replaced with 'funds'.
- Criterion (1) has been deleted.
- The new criterion (1), formerly criterion (2), reads: "has met the degree requirements of the MPAS program in the year in which the prize is tenable;"
- The following wording has been deleted from criterion (2), formerly criterion (3): "and is in good academic standing in the Faculty of Graduate Studies."
- Criterion (3), formerly criterion (4) reads: "is voted by their fellow students as having demonstrated a high level of compassion, humanism and the best patient-centered approach to care."
- Several editorial changes have been made.

Master of Physician Assistant Studies: Travel Support Prize

The following amendments have been made to the terms of reference for the Master of Physician Assistant Studies: Travel Support Prize:

- The first sentence of the preamble has been revised whereby 'Graduate Studies' has been replaced with 'Medicine'. It has also been made explicit that the Faculty of Medicine has

established a fund to support student awards in the Master of Physician Assistant Studies program.

- The second sentence of the preamble has been deleted.
- The word ‘revenue’ at the start of the third sentence of the preamble has been replaced with ‘funds’.
- Criteria (2) and (3) have been revised and now read:
 - (2) are enrolled and taking part in a clinical rotation situated within a rural environment;
 - (3) have achieved outstanding academic performance with a minimum degree grade point average of 3.5.
- The sentence immediately following the numbered eligibility criteria has been deleted.
- Several editorial changes have been made.

Shirley Ann Akins Undergraduate Thesis Prize

The following amendments have been made to the terms of reference for the Shirley Ann Akins Undergraduate Thesis Prize:

- The words “and to offset costs related to the research project” have been deleted from the preamble.
- The available annual income will now be used to offer one or more prizes rather than only one prize each year.
- The minimum degree grade point average has been reduced to 3.0 from 3.5 in criterion (2);
- Candidates will no longer be required to submit a budget listing their expected research related expenses.
- Candidates will now be required to submit a “letter from their thesis supervisor confirming that the student has completed the thesis proposal and will implement the thesis research.”
- A new sentence has been added preceding the selection committee paragraph which reads: “The selection committee will have the discretion to determine the number and value of awards offered each year based on the available income.”
- The selection committee paragraph now reads: “The selection committee will be named by the Head of the Department of Biological Sciences (or designate).”
- Several editorial changes have been made.

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:

- The words “at least” have been replaced with “a minimum of” in criterion (1).
- A new sentence has been added immediately following the numbered eligibility criteria which reads: “Students who will be graduating in the spring in which this award is tenable will not be considered eligible for this award.”
- A new sentence has been added immediately following the application process paragraph which reads: “This award cannot be held more than twice by any recipient during their undergraduate programs at the University of Manitoba.”

3. WITHDRAWALS

Canadian Information Processing Society (CIPS) Scholarship

The donor has requested that this award be formally withdrawn from the University of Manitoba's awards program.

Frederick Johnson Direct Entry Admission Scholarship and Frederick Johnson Advanced Entry Admission Scholarship

These awards are being withdrawn at the request of the I.H. Asper School of Business and being amalgamated into the Frederick Johnson Scholarship for Accounting. There is no donor or donor representative for this fund.

PRESIDENT'S REPORT: December 4, 2013

GENERAL

The November 12 provincial Speech from the Throne identified a renewed commitment from the Province of Manitoba to education and training as keys to competitiveness. The speech also cited the importance of further integrating the post-secondary education system and easing the transfer of students from one institution to another, and reiterated the Province's commitment to bringing rapid transit to the Fort Garry campus.

The University of Manitoba's Centre for Professional and Applied Ethics, together with the Canadian Museum for Human Rights and The Canadian Broadcasting Corporation is bringing some of the world's preeminent human rights thinkers to Winnipeg for an original lecture series. The eight-part *Fragile Freedoms: the Global Struggle for Human Rights* lecture series, which takes place in the Museum, runs from September 2013 to May 2014 and thus far has featured A.C. Grayling, Martha Nussbaum and Kwame Anthony Appiah. In the new year, participants will hear from John Borrows, Baroness Helena Kennedy, Vandana Shiva, Steven Pinker and Germaine Greer.

On November 4, the University of Manitoba announced the winner of the Visionary (re)Generation Open International Design Competition. The winning team - Janet Rosenberg & Studio Inc., Toronto and Cibinel Architects Ltd., Winnipeg, with Landmark Planning & Design Inc., Winnipeg, and ARUP Canada Inc., Toronto – will work with the University to develop a new Fort Garry Campus Plan. This competition, which challenged landscape architects, architects and planners from around the world to think innovatively about the Fort Garry campus including the Southwood precinct, presented an opportunity for the University to further transform the campus and community into a place that enriches the lives of all those who study, work, and live here.

The University of Manitoba's School of Art Gallery has received the 2013 York Wilson Endowment Award presented by the Canada Council for the Arts to acquire an entire suite of artworks, the *Sandy Bay Residential School Series*, created by prominent artist Robert Houle. Each year, the York Wilson Endowment Award is given to an eligible Canadian art museum or public gallery to help it purchase work by a Canadian artist that will significantly enhance its collection. Created in 1997 through a generous donation by Lela Wilson and Maxwell Henderson, it honours the contribution of Canadian painter York Wilson (1907-1984) by encouraging and promoting works of art created by Canadian painters or sculptors.

A negotiated settlement was reached between the University and the University of Manitoba Faculty Association that resolved all the major issues under discussion, with a few remaining items being referred to an arbitration process. All members of the University community are to be commended for their patience during the negotiation process.

ACADEMIC MATTERS

- Jay Doering, graduate studies, was elected as the first Canadian to the U.S. Council of Graduate Schools Board for a three-year term beginning January 2014.

- Nazim Cicek, biosystems engineering, received the John Turnbull Award from the Canadian Society for Bioengineering for his outstanding contributions to waste management.
- David Churchill, history, is a curator of the Hole in the Wall Gallery in Winnipeg. The gallery measures 23 centimetres wide, 13 centimetres deep and 16.5 centimetres high at its tallest point and is located in a brick wall that faces the back alley along the north side of Portage Avenue, between Arlington and Burnell streets. Each Sunday since August, a different local artist has installed a new exhibit in the hole in the wall. These exhibits are left exposed to the elements and this vulnerability is part of its appeal.
- Karen Smith, education, received the 2013 Merron Chorny Award for Outstanding Contribution to the Teaching of English from the Canadian Council of Teachers of English.
- David Milward, law, won the K.D. Srivastava Prize for the best book published by UBC and the Canadian Law and Society book prize for his new book, *Aboriginal Justice and the Charter: Realizing a Culturally Sensitive Interpretation of Legal Rights*. It was recently reviewed in the Literary Review Canada by Peter H. Russell a professor emeritus of political science and principal of Senior College at the University of Toronto, Chair of the Research Advisory Committee for the Royal Commission on Aboriginal Peoples. He notes that Professor Milward's book "is the most comprehensive account and appraisal available on aboriginal justice systems in the contemporary world. It is an extraordinarily valuable contribution to scholarship and policy in this important field of aboriginal relations."
- Danielle Krahn and Christopher Nowell, political studies students, were recognized at the Prairie Political Studies Association Conference winning in the categories of Best Undergraduate Essay and Best Essay on Prairie Politics, respectively.
- Tim Hayward and Taras Zaporozan, geological science students, won both the Canadian Society of Exploration Geophysics (SEG) Challenge Bowl and the International SEG Challenge Bowl Final competitions. These competitions test the students' breadth and depth of knowledge in the field of geoscience.
- Two University of Manitoba students won this year's BMO Financial Group's 1st Art! prize at the Invitational Student Art Competition. Erika Dueck, who graduated from the School of Art in 2013, won the \$10,000 National Prize for her sculpture The Ephemeral Mind. Hillary Smith, who also graduated from the School of Art this year, won the \$5,000 Regional Prize with her work, Phrenological Petrifications.
- Alanna Junaid, dentistry student, was the winner of the Canadian Dental Association's 2013 Student Clinician Research Program. This marks the first time in recent history that the national prize was claimed by a University of Manitoba student.
- Over 1000 students from Winnipeg and surrounding communities took part in Agriculture in the Classroom's "Amazing Agriculture Adventure" in mid-September. Students in the grade 4 and 5 science curriculum learned about various agricultural topics at 18 interactive stations set up at the Glenlea Research Station, the Bruce D. Campbell Farm & Food Discovery Centre and Richardson's Kelburn Farm.

- The Variety Children's Dental Outreach Program marked the end of another successful year of providing care to underserved and needy populations in Winnipeg's core area. Orchestrated in cooperation with Variety, the Children's Charity of Manitoba, Faculty of Dentistry students and clinicians screened 2,735 children throughout 12 schools in central Winnipeg. Follow-up treatment was provided to 300 children. The initiative will begin again in the fall of 2013 with 15 schools anticipated to take part.
- On October 25th, 2013, Let's Talk Science hosted their second annual Spooky Science Family Night in the EITC Atrium from 7-10 pm. The event had a Harry Potter theme and was geared towards Grade 4-9 students and their families. The students were able to take part in hands-on activities such as making slime, creating "scary" microbes and mixing cool chemical reactions. As well, a number of chemistry magic shows took place throughout the evening. All told, 200 children and 100 parents spent an enchanted evening unlocking the mysteries of science.
- The Faculty of Medicine's undergraduate medical education program received full accreditation to 2018/19 and of the 131 accreditation standards the Faculty is compliant on all standards.

RESEARCH MATTERS

- The Canadian Academy of Health Sciences inducted Dr. Estelle Simons (pediatrics and child health/Manitoba Institute of Child Health) as a Fellow during a ceremony in Ottawa last month. Simons is an internationally renowned expert on allergic diseases like asthma. Fellows are elected by their peers based on their demonstrated leadership, creativity, distinctive competencies and commitment to advancing academic health sciences. Membership is considered one of the highest honours for the Canadian health sciences community. The objective of the CAHS is to provide advice on key issues relevant to the health of Canadians.

For more than three decades Simons has worked tirelessly to improve the health of patients suffering from allergic diseases, including asthma and anaphylaxis. With her colleagues, she pioneered pharmacological approaches to the investigation of medications used to treat allergies. Her world-leading research on anaphylaxis has made her the "go to" authority on the subject. Her comprehensive studies of epinephrine resulted in changes to practice and made epinephrine auto injectors ("epi pens"), the standard delivery method for those suffering from anaphylactic reactions brought on by allergies. With the induction of Dr. Simons, the University of Manitoba now has 22 Fellows of the Canadian Academy of Health Sciences.

- The Honourable Greg Rickford, newly appointed Minister of State (Science and Technology and FEDNOR) visited the University of Manitoba on October 7. He was on hand for a celebration of the CREATE H2O project, a recently announced program that will train at least 50 science and engineering undergraduate and graduate students and post-doctoral researchers over the next six years to address research science and training gaps that are preventing effective, culturally appropriate investments in water and sanitation security on First Nations reserves. Dr. Digvir Jayas, Vice-President (Research and International) participated on behalf of the University of Manitoba, Rod Bruinooge, M.P., Winnipeg South; Robert Sopuck, M.P., Dauphin-Swan River-Marquette; and Senator JoAnne Buth also attended.

Minister Rickford, Mr. Sopuck and Mr. Bruinooge also attended a tour of the National Centre for Livestock and the Environment (NCLE) on October 7 hosted by Dr. Digvir Jayas, Vice-President (Research and International) and the Faculty of Agriculture and Food Science.

- Dr. Digvir S. Jayas, Vice-President (Research and International) and Distinguished Professor, University of Manitoba, has been elected as a Foreign Fellow of the National Academy of Sciences, India for his contributions to global grain preservation through research and innovation. He is the first Manitoban and only seventh Canadian to be bestowed this honour since the establishment of the Academy in 1930.
- The University of Manitoba Café Scientifique season began in September with more than 130 attendees on hand to learn about addressing anxiety in children and youth. In October an expert panel shared the latest research on developing an influenza vaccine, just in time for flu season. The Café Scientifiques are partially funded through a \$3,000 grant from the Canadian Institutes of Health Research awarded to Dr. Peter Cattini (physiology and CIHR Delegate) and organized by the Office of the Vice-President (Research and International). The University of Manitoba grant proposal ranked 2 out of 105 in the national competition. The remaining Cafés take place at McNally Robinson Booksellers on November 19 (Development Disabilities); January 13 (Graduate Students – Cardiovascular Health); and February 10 (FASD).
- The 8th annual Undergraduate Research Poster Competition took place on October 30 with over 120 undergrad students exhibiting and presenting their research posters. Many of the students were recipients of Undergraduate Research Awards, and the posters they were presenting were the result of research they had conducted with their advisors at the University of Manitoba over the past summer. For most of the undergraduate participants, this is their first foray into major research, and the event was their first chance to present a research poster with the findings of their research projects. In addition to the high calibre of posters on display, one of the striking things about the event is the breadth and variety of research. There are posters entered in five categories: applied sciences; health sciences; natural sciences; social sciences/humanities; and creative works. The posters were based on qualitative analysis, quantitative analysis or experimental research methodologies.
- Cameron Kaye, a medical student also enrolled in the University of Manitoba's new biomedical engineering PhD program, was recently named a 2013 recipient of the Vanier Canada Graduate Scholarship. The prestigious award, valued at \$150,000 over three years, recognizes world-class doctoral students across the country. By the end of his MD/PhD program, Kaye will be both a researcher and a medical doctor. His dream of bridging the gap between engineering and medicine is well underway with his research into microwave tomography. Kaye is helping to develop a new imaging technology to detect breast tumours that would complement the conventional mammogram. This portable imaging system offers a safer option since it uses low-power microwaves instead of X-rays, is less expensive and is more comfortable for the patient. The breast is immersed in a liquid-filled chamber surrounded by antennas and an image of the internal tissues is constructed based on how the microwaves scatter. This reveals to doctors the shape, size, and physiological state of potential tumours. Kaye is the 12th University of Manitoba student to become a Vanier scholar in the last five years.

- A team of researchers in the Manitoba Institute of Cell Biology and the Regenerative Medicine Program, led by Dr. Geoff Hicks, has discovered a mechanism by which a mutated gene causes amyotrophic lateral sclerosis (ALS).
- A team led by Dr. Robert Duncan (Plant Science) will produce world-class hybrid herbicide-tolerant (HT) high erucic acid rapeseed (HEAR) cultivars thanks to new funding announced by the Natural Sciences and Engineering Research Council of Canada (NSERC). This Collaborative Research and Development grant of \$1.925 million with another \$1.96 million from Bunge Canada and DL Seeds for a total of \$3.885 million will be awarded over the next five years.
- The Research Quality Management office held an Educational Event entitled: “Revisiting Quality Research” in September. The purpose of this event was to re-introduce the RQM program and to share updates and information on resources for researchers. All faculty and graduate students were invited to attend. These series of events were hosted on both campuses and were attended by 50 participants. The presenters included Dr. Bram Ramjiawan from SBGH Research Services who spoke on “Professionalism in Research” and Trevor Mazak from the IT department in the Faculty of Engineering who provided an overview of IT and specific issues and requirements that relate to the conduct of Research.
- The Social Sciences and Humanities Research Council awarded \$4,274,834 in funding to researchers at the University of Manitoba. Those projects over \$25,000 are as follows:

| Partner Institution | Sponsor | Project Title | Funding |
|---|------------------|--|----------------|
| Botar ,Oliver (School of Art); Aquino, Eduardo (Architecture); Coar, Lancelot (Architecture); Harrop, Patrick (Architecture) | SSHRC – Insights | Training for modernity: Moholy-Nagy and the onslaught of the digital | \$178,627 |
| Busby, Karen (Law) | SSHRC | The right to clean water in First Nations: The most precious gift | \$200,000 |
| Ferris, Shawn (Women’s and Gender Studies); Ladner, Kiera (Political Studies) | SSHRC-Insights | Anti-violence and marginalized communities: knowledge creation through digital media | \$491,877 |
| Fowler, Kent (Anthropology); Fayek, Mostafa (Geological Sciences) | SSHRC-Insights | The rural provisioning of nineteenth century Zulu capitals, South Africa: Insights from ceramic compositional analyses | \$491,877 |
| Fowler, Kent (Anthropology) | SSHRC | A ceramic perspective on the rural provisioning of nineteenth century capitals in the Zulu kingdom | \$74,978 |
| Hershcovis, Sandy (Business Administration); | SSHRC-Insights | Observing workplace aggression: the influence of power on intervention and support | \$209,640 |

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| Christie, Amy (Wilfred Laurier University) | | behaviours | |
| Hiebert-Murphy, Diane (Social Work); Ristock, Janice (Women's and Gender Studies) | SSHRC-Insights | Power and relationship satisfaction in couples with a history of violence | \$57,870 |
| Koop, Royce (Political Studies, University of Manitoba); Bastedo, Heather (Political Studies, Queen's University); Blidook, Kelly (Political Science, Memorial University) | SSHRC-Insights | Representation in action: Canadian Members of Parliament in their constituencies. | \$73,587 |
| Kiera Ladner, Canada Research Chair in Indigenous Politics and Governance (Political Studies) | SSHRC-Insights | Indigenous constitutional politics: visioning decolonization, resurgence and reconciliation | \$499,189 |
| Masuda, Jeffrey (Environment & Geography) | SSHRC | Revitalizing Japantown? A unifying exploration of human rights, branding, and place in Vancouver's Downtown Eastside | \$199,565 |
| McLachlan, Stéphane (Environment and Geography) | SSHRC-Insights | One river, many relations: implications of development-related socio-environmental change for Indigenous communities on the Peace-Athabasca-Slave River basins in Northwestern Canada | \$499,900 |
| Neville, Lukas (Business Administration) | SSHRC-Insights | To forgive or not forgive? The role of anticipated and actual coworker responses | \$26,468 |
| Perkins, Pam (English, film and theatre) | SSHRC-Insights | Home and away: British literature and the North Atlantic World, 1760-1837 | \$59,489 |
| Thompson, Shirley (Natural Resources Institute) | SSHRC-Insights | Building capacity for sustainable development in Indigenous communities: analyzing development planning for sustainable livelihoods in Island Lake First Nation communities | \$499,900 |
| Starzyk, Katherine (Psychology) | SSHRC | A tarnished silver lining: Victim suffering and support for reparations | \$92,639 |

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| Thorpe, Jocelyn (Women's and Gender Studies) | SSHRC-Insights | Natives and newcomers, land and sea: lost encounters in the New-Found-Land | \$119,927 |
| Van Winkle, Christine (Kinesiology and Recreation Management); Halpenny, Elizabeth (University of Alberta); MacKay, Kelly (Ryerson University) | SSHRC-Insights | Acceptance and use of mobile devices in a free-choice context | \$228,535 |

- Fifteen projects total \$2,356,145.47 received funding from various sources. Those projects over \$25,000 are as follows:

| Researcher | Sponsor | Project Title | Funding |
|--------------------------------------|------------------------------------|--|-------------|
| Arntfield, Susan (Food Science) | Manitoba Pulse Growers Association | Adding soybean press cake to tortillas and pizza crust to create innovative products and modify insulin response | \$47,000 |
| Ayele, Belay (Plant Science) | NSERC | Expression analysis of hormonal genes associated with preharvest sprouting in Canadian spring wheat varieties | \$25,000 |
| Chen, Ying (Biosystems Engineering) | NSERC | Flax fibre cleaning for the SWM processing facility | \$25,000 |
| Chow, Nancy (Geological Sciences) | ARC Resources Ltd. | Sedimentology and reservoir characterization of the lower Mississippian Pekisko formation, Hawk Hills and Swan Hills, Alberta | \$56,745 |
| Duncan, Robert (Plant Science) | NSERC | High-yielding, superior quality, disease-resistant, herbicide-tolerant hybrid high erucic acid rapeseed search at the University of Manitoba | \$1,925,000 |
| Issa, Mohamed (Civil Engineering) | NSERC | Measuring the indoor environmental quality of office buildings and its impact on worker productivity | \$25,000 |
| Nagy, James (Physiology) | Colorado State University | The Gateway Hypothesis: A new framework for unraveling diverse leukodystrophies | \$46,493 |

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| Nyachoti, Charles (Animal Science) | NSERC | Controlling enterotoxigenic <i>Escherichia coli</i> -induced diarrhea in piglets using egg yolk antibodies | \$25,000 |
| Plaizier, Jan (Animal Science) | NSERC | Uncovering microbial biomarkers to assess gut health in calves | \$25,000 |
| Suh, Miyoung (Human Nutritional Sciences) | Manitoba Egg Farmers | Does egg consumption improve visual function of people who are at high risk of developing macular regeneration? | \$28,450 |
| Wang, Feiyue (Centre for Earth Observation Science) | University of British Columbia | The Canadian arctic GEOTRACES program: Biogeochemical and tracer study of a rapidly changing arctic ocean | \$25,917 |
| Wu, Qiong (Christine) (Mechanical and Manufacturing Engineering) | NSERC | Impact of rubber gasket thickness on surface pressures/loads in pressurized environment | \$25,000 |
| Zhang, Qiang (Biosystems Engineering) | Manitoba Egg Farmers | Humane euthanasia of poultry | \$46,690 |

- Twenty-six health researchers received a total of \$10,296,055.12 in funding from various sources. Those projects over \$25,000 are:

| Partner Institution | Sponsor | Title | Awarded |
|---|---|--|-----------|
| Anderson, Christopher (Pharmacology and Therapeutics) | Manitoba Health Research Council | Novel mechanisms of neurodegeneration | \$410,000 |
| Anderson, Hope (Pharmacy) | CIHR | Protective mechanisms of endocannabinoids in cardiac hypertrophy | \$611,905 |
| Bhullar, Rajinder (Oral Biology) | Manitoba Health Research Council | Calmodulin interaction with Rac1-Cdc42 and platelet function | \$25,000 |
| Bruce, Sharon (Community Health Sciences) | CIHR | Developing a diabetes prevention intervention: Identifying and targeting contextually-relevant stressors | \$812,153 |
| Dakshinamurti, Shyamala (Pediatrics and Child Health) | Children's Hospital Foundation of Manitoba Inc. | Effect of neonatal hypoxia on pulmonary artery G-protein related kinase | \$40,000 |
| Dolinsky, Vernon (Pharmacology and Therapeutics) | Manitoba Health Research Council | Diabetes during pregnancy and the fetal origins of diabetes and heart disease in the offspring | \$100,000 |

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| El-Gabalawy, Hani (Internal Medicine) | CIHR | Institute support grant program | \$3,750,000 |
| Fernyhough, Paul (Pharmacology and Therapeutics) | CIHR | Dysregulation of neuronal mitochondrial function in diabetic sensory neuropathy | \$943,639 |
| Freed, Darren (Surgery) | CIHR | The role of intracellular calcium overload in donor hearts following circulatory death | \$110,000 |
| Frohlick, Susan (Anthropology) | CIHR | Interracial contact zones: Sexuality, race, and sexual health in "black" and Aboriginal intimate relationships | \$108,000 |
| Funk, Laura (Sociology) | Manitoba Health Research Council | Exploring policy opportunities for supporting the well-being of caregivers of older Manitobans | \$95,950 |
| Ghia, Jean-Eric (Immunology) | Manitoba Health Research Council | Neuroimmunoendocrine regulation of colonic inflammation | \$99,997 |
| Hansen, Gregory (Pediatrics and Child Health) | University Medical Group | Cerebral auto regulation in pediatric acute brain injury | \$30,000 |
| Ho, Juliet (Internal Medicine) | Manitoba Health Research Council | Non-alloimmune and alloimmune biomarkers of renal allograft injury and loss | \$100,000 |
| Jackson, Michael F. (Pharmacology and Therapeutics) | CIHR | Endoplasmic reticulum stress, Ca ²⁺ permeation pathways and neuronal death | \$735,200 |
| Kirouac, Gilbert (Oral Biology) | CIHR | Orexins and post-traumatic stress disorder | \$607,750 |
| Kung, Sam (Immunology) | Terry Fox Research Institute | Do breast cancer cells employ Granulocyte Macrophage Colony Stimulating Factor (GMCSF) for their immune evasion from NK cells? | \$36,750 |
| Kung, Sam (Immunology) | Children's Hospital Foundation of Manitoba Inc. | Do breast cancer cells employ Granulocyte Macrophage Colony Stimulating Factor (GMCSF) for their immune evasion from NK cells? | \$36,750 |
| Liu, Xiaoqing (Michelle) (Obstetrics, Gynaecology and Reproductive Sciences) | Children's Hospital Foundation of Manitoba Inc. | An epigenetic study of Autism spectrum disorders using monozygotic twins | \$40,000 |

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| Mahmud, Salaheddin (Community Health Sciences) | Prostate Cancer Canada | Role of metformin and other diabetes medications in prostate cancer prevention: A population-based study | \$158,642 |
| Medved, Maria (Psychology) | CIHR | Older adults' mental health information needs and preferences: Bridging the gap in knowledge translation to increase mental health service utilization | \$105,000 |
| Nagy, James (Physiology) | Colorado State University | The Gateway Hypothesis: A new framework for unraveling diverse leukodystrophies | \$46,493 |
| Rastegar, Mojgan (Biochemistry and Medical Genetics) | Health Sciences Centre Foundation | Modeling childhood ASD and FASD disorders by investigating MeCP2 in neural stem cells | \$70,000 |
| Roberts, Daniel (Internal Medicine) | Kidney Foundation of Canada | Outcomes in chronic kidney disease | \$158,695 |
| Roberts, Daniel (Internal Medicine) | CIHR | Outcomes in chronic kidney disease | \$51,305 |
| Snider, Carolyn (Emergency Medicine) | Manitoba Health Research Council | The development, implementation and evaluation of interventions for youth affected by violence | \$99,996 |
| Snider, Carolyn (Emergency Medicine) | CIHR | WrapAround care for youth injured by violence: A randomized control trial | \$887,830 |
| Tangri, Navdeep (Internal Medicine) | Kidney Foundation of Canada | Outcomes in chronic kidney disease | \$25,000 |

- The following five researchers received support for international projects totaling \$170,000.

| Partner Institution | Sponsor | Project Title | Funding |
|---|-------------------|--|----------|
| Blanchard, James (Centre for Global Public Health) | AUCC/DFATD (CIDA) | Building Capacity to Respond to HIV/AIDS in China: Extending the Impact | \$28,000 |
| Emerging Leaders in Latin America awards (4 awards) | DFATD | | \$30,000 |
| Farenhorst, Annemieke (Soil Science) | AUCC/DFATD (CIDA) | Increasing sustainable food production in the region of Intibucá, Honduras, through community-based vermicomposting and irrigation gardening | \$28,000 |

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| Haque, Emdad (Natural Resources Institute) | AUCC/DFATD (CIDA) | Extension of Green Micro Credit Program among the poor women | \$28,000 |
| Scanlan, Judy (Nursing) | AUCC/DFATD (CIDA) | Strengthening nursing practice in Cuba through education & research: Maximizing results | \$28,000 |
| Walker, David (Environment & Geography) | AUCC/DFATD (CIDA) | Multiplying Tier II Results for Enhancing rural livelihoods through sustainable tourism | \$28,000 |

International Relations Activities:

- The University of Manitoba's Internationalization Baseline Study was released on September 3. The study, undertaken by the Centre for Higher Education Research and Development (CHERD) provides a snapshot of international activity at the University of Manitoba based on data collected from existing databases of international research, agreements and student mobility programs; survey of faculty members; and interviews with faculty unit deans. Two community consultations (one at each campus) were organized on September 25 & 27 to highlight the results of the Internationalization Baseline Study and to invite comments towards the development of a University of Manitoba International Strategy.
- The University of Manitoba received 10 Globalinks interns through the Mitacs program in 2013. Students came to the University of Manitoba from China (5), India (3), Brazil (1) and Mexico (1).
- As a follow up to the participation of five University of Manitoba faculty members and five University of Manitoba students in the G20 Youth Summit in May 2013, International Relations and Student Life co-sponsored a public engagement event at the Fort Garry campus on September 5. This event coincided with the actual G20 Summit of the Heads of State. Three professors (James Fergusson, Political Studies, Maureen Flaherty, Mauro Centre for Peace & Justice, and Witold Kinsner, Electrical & Computer Engineering), two students (Christiane Fischer and Rebecca Kunzman, Arts), and one administrative staff (Cameron Zywna, International Relations) delivered presentations on global problems and potential solutions, as well as reflections on their experience as University of Manitoba delegates to the G20 Youth Forum (April, St. Petersburg, Russia).
- The Faculty of Arts' German and Slavic Studies Department and the Office of International Relations (OIR) successfully co-organized the 4th edition of the University of Manitoba-Szeged Partnership Conference themed "Place, Time, and their Significance" on October 10-11, 2013. A total of 18 scholars participated with paper presentations, ten from Manitoba and eight from the University of Szeged (USz). The partnership between UM and USz dates back to 2004.
- Six international partnership agreements have been recently signed. They are:

| Partner Institution | Country | Agreement Type | UM Initiating Faculty |
|-------------------------------------|----------------|-----------------------|------------------------------|
| Andres Bellos University | Chile | MOU | Extended Education |
| Queensland University of Technology | Australia | MOU | Social Work |

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|---|----------------|--------------------------------------|-----------------------------------|
| College of Education Ikere-Ekiti | Nigeria | MOU | Extended Education |
| Fachhochschule (University of Applied Sciences) Osnabruck Faculty of Agriculture and Landscape Sciences | Germany | SEA | Agricultural and Food Sciences |
| Bradford University | United Kingdom | SEA | Asper School of Business |
| City University of Hong Kong | China | Amendment to SEA signed January 2013 | Asper School of Business and Arts |

ADMINISTRATIVE MATTERS

- UMFA – Bargaining concluded without a work stoppage. 3-year agreement for 2013-2016, 2.9%, 2%, 2% general salary increases with structural revisions to the salary grid and market adjustments to certain classifications, moving us up significantly among the U15. Several important language changes resulted, including an entirely new academic freedom article. Arbitration will settle all remaining issues. Inclusion of DSCA members in the UMFA collective agreement will be negotiated, or if unresolved, arbitrated.
- Visionary (re)Generation International Urban Design Competition – winning team announced November 4, 2013: Janet Rosenberg & Studio Inc., Toronto, with Cibinel Architects Ltd., Winnipeg, Landmark Planning & Design Inc., Winnipeg, and ARUP Canada Inc., Toronto
- Office of Change Management reporting to Paul Kochan announced October 22, 2013. The office will provide oversight on all change initiatives planned and underway and ensure each is delivered effectively through the application of a consistent methodology and performance metrics. It has responsibility for enterprise change management and works in close collaboration with the Office of Continuous Improvement, Human Resources, Marketing Communications Office (MCO) and with those responsible for strategic planning to ensure alignment with the University's strategic priorities.

EXTERNAL MATTERS

- The Marketing Communications Office (MCO) launched the UMTODAY news site. UMTODAY is a modern, mobile-friendly news site that creatively blends links, images, audio clips, social interaction, video and other media tools to share University of Manitoba stories with our community. The link to the news site can be found on the University of Manitoba homepage.
- MCO coordinated comprehensive communications for a variety of audiences throughout the late bargaining process with the University of Manitoba Faculty Association (UMFA). Regular communications were sent out to students and staff, as well as Deans and other managers. Additionally MCO formed a strike communications team and held a meeting with all communications officers around the University to ensure consistent communications during the bargaining.

- Significant donor gifts and activities include:
 - A gift of \$827,000 has been received from the estate of Hugh J. Anderson. The funds have been directed to the Hugh J. Anderson Graduate Award in Chemistry and more contributions will be realized from the estate once the estate is finalized.
 - The Tolkien Trust has made a gift of \$498,060 to the Alan Klass Memorial Program for Health Equity.
 - Dr. Robert Goldberg has made a pledge of \$100,000 to the Faculty of Dentistry.
- The annual Isbister Legacy Luncheon was held on September 26, 2013 at the Pinnacle Club at Investor's Group Field. The purpose of the luncheon is to steward donors who have left a gift in their will and to cultivate potential donors who are considering a gift in their will. More than 185 guests attended the reception, luncheon and stadium tour.
- External Relations facilitated a Western Economic Diversification (WED) announcement at SmartPark on October 25. The Honourable Michelle Rempel, Minister of State (Western Economic Diversification) announced funding for the Western Innovative Initiative which is a five-year, \$100 million federal funding program for western Canadian businesses with less than 500 employees to commercialize innovative technology-based products, processes or services. Dr. Digvir Jayas participated on behalf of the University of Manitoba along with Mr. Rod Bruinooge.
- The Government and Community Engagement Office assisted in organizing a community engagement event on September 19, 2013 in collaboration with Elections Canada and Elections Manitoba titled 'Whose Democracy Is It? Citizen Engagement and Diversity in Manitoba and Canada'. Panelists included: Paul Vogt, former Clerk of the Executive Council and Cabinet Secretary, Government of Manitoba; Mia Rabson, Parliamentary Bureau Chief; Angela Cassie, Director of Communications and External Relations, Canadian Museum for Human Rights; and Shipra Verma, Chief Electoral Office, Elections Manitoba.
- The first event of the 2013-2014 Visionary Conversations series was held on Wednesday, September 25, 2013 at St. John's College on the Fort Garry Campus. The title of the discussion was 'Welcome to Winnipeg: Population One Million' and the featured panelists included Brent Bellamy, Senior Design Architect, Number TEN Architectural Group and Free Press Columnist; Jim Carr, President and CEO of the Business Council of Manitoba; Rick Linden, Professor in the Department of Sociology, Faculty of Arts; and Wanda Wuttunee, Professor in the Department of Native Studies, Faculty of Arts and Director of Aboriginal Business Education Partners. This event was the first with our new media partner CBC Radio.
- Homecoming 2013 was held September 23-29. Homecoming was very successful with over 50 events being held. Approximately 400 people attended the Homecoming Dinner and Dance, over 200 attended the Chancellor's Luncheon, and over 90 attended the President's Luncheon.
- The new Distinguished Alumni Awards were launched September 28 at the Homecoming Dinner and Dance. The Awards recognize University of Manitoba alumni who have achieved outstanding accomplishments in their professional and personal lives, and who have been an inspiration to fellow alumni, current students, and the community.

The five awards include:

- The University of Manitoba Alumni Community Leadership Award - Recognizes graduates who have significantly contributed to their community at home or abroad, which has made a difference to the well-being of others.
- The University of Manitoba Alumni Professional Achievement Award - Recognizes graduates who demonstrate outstanding accomplishment in their field of endeavour.
- The University of Manitoba Alumni Service Award - Recognizes graduates who have demonstrated superior leadership and service to the University of Manitoba.
- The University of Manitoba Young Alumni Award - Recognizes graduates who are 35 or under at the close of nominations.
- The Distinguished Alumni Award - the highest award given by the Alumni Association - Recognizes graduates who are distinguished in their career and in their contributions to society.

Nominations for the awards are now open. Details and FAQs regarding these awards can be found at <http://umanitoba.ca/alumni>

- An Alumni Luncheon was held in Ottawa on October 21. Approximately 150 alumni attended the event including Rod Bruinooge, MP for Winnipeg South and Steven Fletcher, MP for Charleswood-St. James Assiniboia.
- The Fall issue of *On Manitoba*, with a feature article on 2013 Distinguished Alumni Award recipient Ovide Mercredi, was sent to approximately 117,000 alumni.
- The October Alumni FYI e-newsletter was sent to over 49,000 alumni.

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: Review of Special Students, Faculty of Environment, Earth, and Resources

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 22, 2013 to consider a proposal from the Clayton H. Riddell Faculty of Environment, Earth, and Resources to establish a policy concerning the Review of Special Students.
3. Special Students, as defined in section 5.2 General Academic Regulations of the Academic Calendar, are, "... those who wish to enrol in a degree credit course for professional or personal interest and who are not seeking to complete a degree. These students apply to General Studies (Extended Education) or to the faculty or school offering the course."

Observations:

1. The Committee considered a proposal from the Clayton H. Riddell Faculty of Environment, Earth, and Resources to limit the number of credit hours a student could complete as a Special Student in the Faculty to a maximum of 30 credit hours, including failed courses. Special Students who had completed 30 credit hours of course work in the Faculty would be required to either (a) transfer to degree, diploma, or certificate program, or (b) apply to General Studies, Extended Education, to continue as a Special Student.
2. Special Students who had completed 15 credit hours of course work in the Faculty would be contacted, in writing, and encouraged to consider applying to a degree, diploma, or certificate program, perhaps as a Second Degree Student in the Faculty, or through Extended Education. Students who had failed 6 or more of the 15 credit hours attempted would be encouraged to seek guidance from student advisors in the Faculty and/or through the Academic Learning Centre.
3. Students who would elect to continue as a Special Student in Extended Education could continue to complete degree credit courses in the Faculty of Environment, Earth, and Resources, but their academic home would be Extended Education, which is better equipped to provide the type of academic advising required by this category of student.
4. The intent of the proposed policy is to foster an environment of success for all students in the Faculty, by redressing the absence of a process for assessing Special Students. The policy would establish a process for identifying Special Students in academic jeopardy and would provide intervention and support for these students.

5. It was noted that, while the 30 credit hour limit is arbitrary, it is high enough to accommodate the needs of those who have registered in the Faculty as Special Students in order to complete additional courses that might be required to meet a requirement for a professional credential.

Recommendation

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve a policy, for the Clayton H. Riddell Faculty of Environment, Earth, and Resources, concerning the Review of Special Students, effective September 1, 2014.

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

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R3T 2N2
Ph: (204)474-7252
Fax: (204)275-3147

Inter-Departmental Correspondence

DATE: October 31, 2013

TO: Dr. Janice Ristock, Chair
Senate Committee on Instruction and Evaluation

FROM: Jason Jorgenson, Student Affairs Coordinator

RE: Policy Proposal for Review of Special Students

Attached is the Undergraduate Curriculum Committee's Proposed Policy for review of Special Students put forward and approved by our Faculty Council on September 16th, 2013.

Background:

The recent experience of a student, a graduate of this Faculty, who returned to attend classes as a Special Student, initiated the proposed policy. Taking a large number of credit hours and not being successful in a high proportion of these course attempts, the student generated a tremendous amount of work for staff due to repeated and numerous exam deferral requests. Because there is no system or procedure currently in place for checks for non-degree seeking students, this particular case has largely 'flown under the radar' until another (re)deferral is requested.

Rationale:

The lack of assessment for Special Students in the Riddell Faculty has led to the creation of the Policy Proposal for Review of Special Students. The Student Services team in the Faculty would like to foster an environment of success inclusive of all students in the Faculty and provide intervention and support for any student experiencing difficulty with their coursework. We hope that this intrusive advising model for this policy will not only encourage students in academic jeopardy to seek guidance from Riddell Faculty student advisors but also from other Student Support Offices like the Academic Learning Centre and Extended Education.

Thus, a policy and procedure is necessary for managing the Special Student category in the Riddell Faculty. The attached is recommended.

If you have any questions about any of the enclosed material, please do not hesitate to call me at 7165.

Enc.

Policy proposal for Review of Special Students
Clayton H. Riddell Faculty of Environment, Earth, and Resources

1. Prospective applicants who hold a previously completed degree may enroll in degree credit courses in the Faculty as a Special Student provided that they are not at the time interested in pursuing a degree. As noted in the university admission requirements (<http://umanitoba.ca/student/admissions/requirements/special-students.html>), such courses may subsequently be accepted as credit towards a degree, diploma or certificate at the discretion of program deans or directors.
2. Special Students that have successfully completed at least 15 credit hours of course work in the Riddell Faculty will be notified by mail / email that given the extent of their studies to date, they are strongly encouraged to consider application to a degree, diploma or certificate program, perhaps through Extended Education or as a Second Degree Student.
 - a. If 6 or more credit hours of coursework in the first 15 are failed course attempts (grades of F or D) students will receive notice by mail/email encouraging them to seek guidance from Academic Learning Centre and/or from Riddell Faculty student advisors.
3. Special Students that have earned (includes earning 'F' grades.) 30 credit hours of course work in the Riddell Faculty will be notified by mail / email that given the extent of their studies that they must either transfer into a degree, diploma or certificate program, or should they wish to continue their studies as non-degree students, to enroll with Extended Education. **Special Student status will not be granted by the Riddell Faculty past the 30 credit hour level.**

OFFICE OF THE
VICE-PRESIDENT (RESEARCH
AND INTERNATIONAL)

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www.umanitoba.ca/research

MEMORANDUM

TO: Mr. Jeff Leclerc, University Secretary

FROM: Digvir Jayas, Vice-President (Research and International)
and Chair, Senate Committee on University Research 

DATE: October 28, 2013

SUBJECT: Periodic Review of Research Centres and Institutes: Disaster Research Institute

Attached is an email received from Acting Dean Benbow regarding the Disaster Research Institute. The Senate Committee on University Research (SCUR), according to the Policy on *Research Centres, Institutes, and Groups* has reviewed the recommendation put forth by the Acting Dean. Due to the lack of funding for the Institute, it has been difficult to operate and meet expenses. The Acting Dean along with the Director of the Institute recommends discontinuance of the institute at this time.

Therefore,

On behalf of the Senate Committee on University Research, I am recommending to Senate:

That the Disaster Research Institute cease operations as a Research Centre effective immediately.

Please include this report and recommendation on the next Senate agenda. Please feel free to contact me should you require any further information.

Thank you.

DSJ/nis
Encl.

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

Nancy Schneider

From: Mary Benbow
Sent: Thursday, October 17, 2013 4:10 PM
To: Nancy Schneider; Digvir Jayas
Subject: Re: DRI

Dear Digvir,

The Disaster Research Institutes Senate approval has expired. The Institute no longer receives funding, making it difficult to operate and meet expenses. Following discussions with Emdad Haque and Ron Stewart it has been decided that the Disaster Research Institute should be discontinued at this time.

Mary Benbow, PhD
Acting Dean,
Clayton H Riddell Faculty of Environment, Earth, and Resources
University of Manitoba
Mary.Benbow@ad.umanitoba.ca

Report of the Senate Committee on Curriculum and Course Changes RE: Closure of Bachelor of Medical Rehabilitation Programs in Occupational Therapy and Physical Therapy

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 meetings on October 23, 2013, the SCCCC considered a recommendation from the Vice-Provost (Academic Planning and Programs) to close the Bachelor of Medical Rehabilitation programs in Occupational Therapy and Physical Therapy.

Observations

1. The committee considered a recommendation from the Vice-Provost (Academic Planning and Programs) to formally close the Bachelor of Medical Rehabilitation in Occupational Therapy and the Bachelor of Medical Rehabilitation in Physical Therapy. The closure of these programs was implicit in the proposals to establish the Master of Occupational Therapy (Senate, August 14, 2002) and the Master of Physical Therapy (Senate, May 13, 2009), respectively.
2. There are no students registered in either of the programs that are to be closed.

Recommendation

The Senate Committee on Curriculum and Course Changes recommends:

THAT Senate approve and recommend to the Board of Governors that it approve the closure of the Bachelor of Medical Rehabilitation in Occupational Therapy and the Bachelor of Medical Rehabilitation in Physical Therapy, effective upon approval by the Board.

Respectfully submitted,

Professor G. Smith, Acting Chair
Senate Committee on Curriculum and Course Changes

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



UNIVERSITY
OF MANITOBA

Office of the
Vice-President (Academic) & Provost

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To: Dr. David T. Barnard, Chair, University of Manitoba Senate

Date: October 11, 2013

From: Dr. David Collins, Vice-Provost (Academic Planning and Programs)

SUBJECT: **Closure of the Bachelor of Medical Rehabilitation programs in Occupational Therapy and Physical Therapy**

Please note that the Master of Occupational Therapy (MOT) and the Master of Physical Therapy (MPT) programs have been approved by Senate (MOT August 14, 2002; MPT May 13, 2009) and were subsequently implemented in September 2003, and September 2012, respectively.

As these programs were introduced in replacement of the original Bachelor of Medical Rehabilitation in Occupational Therapy (BMR-OT) and Bachelor of Medical Rehabilitation in Physical Therapy (BMR-PT) programs, these latter programs are now redundant. As such, I would propose that Senate now formally close both the BMR-OT and BMR-PT programs.

cc: Shannon Coyston, Academic Specialist
Office of the University Secretary

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 17, 2013 to consider a proposal from the Asper School of Business (M.Sc. & Ph.D. programs).

Observations:

1. The **Asper School of Business** proposes one change to its **M.Sc. program** and three changes to its **Ph.D. program**.
 - i. **M.Sc. program Change #1:** The M.Sc. in Supply Chain Management proposes to align its program requirements more closely with those of a research-based program.

The program presently requires SCM 7010 Advanced Supply Chain Management, GMGT 7080 Research Methods, and OPM 6090 Production Management. This has too much emphasis on MBA courses. The proposed program corrects this by requiring one graduate course addressing the academic literature in supply chain management), and another aimed at a basic understanding of supply chain management (either the current core MBA course or another graduate course). The requirement of a thesis or practicum does not change.

M.Sc. in Supply Chain Management (18 credit hours required in total):

Required courses (9 credit hours):

- OPM 7300 Topics in Advanced Production and Operations: Doctoral Seminar in Supply Chain Management
- OPM 6090 Production Management (recommended) – or other graduate level course in Supply Chain Management
- MKT 7080 Topics in Marketing: Research Design and Methods (recommended) – or equivalent graduate level course

Optional courses (9 credit hours):

- At least three courses relevant to the student's area of specialization at the 3000 level or higher, from inside or outside the Asper School of Business, subject to the approval of the Curriculum Advisory Committee. Graduate level courses are recommended.

- ii. **Ph.D. program Change #1:** Move to a “contingent model” program that recognizes the unique background of each student.

Presently, Ph.D. students in each major area (Finance, Business Administration, and Marketing) are required to take 36 credit hours of courses. Within the program, there are core courses that all students must take, plus additional courses (e.g., statistics, research methods, and supporting area) that students select with their Program Committees based on student needs. Regardless of background, students in the existing program are required to complete at least 36 credit hours of course work. In some areas, additional courses brought the total to over 50 credit hours.

The revised program is proposed to consist of two categories of courses:

1. Core requirements (12 credit hours); and
2. Other requirements (18 credit hours).

All PhD students must complete the total set of courses in both categories; however, the courses in the “Other requirements” category may be completed in a prior program (e.g., in a Master’s program); whereas, the Core requirements must be completed in the Asper Ph.D. program regardless of background.

The four Core requirement courses will be decided by the area in which the student is completing the Ph.D. Therefore, each individual department (e.g., Marketing, Finance, Business Administration) determines the four core courses they deem to be essential for a Ph.D. program in that discipline. The core course decisions are:

Marketing Core

- MKT 7110 Doctoral Seminar in Marketing
- MKT 7120 Doctoral Seminar in Buyer Behaviour
- MKT 7080 Research Design and Methods
- MKT 7100 Selected Topics in Marketing

Business Administration Core

- One of: GMGT 7410 Organizational Behaviour, GMGT 7440 Organizational Theory or GMGT 7530 Strategy; and
- Three courses from: GMGT 7440 Organizational Theory, GMGT 7410 Organizational Behavior, GMGT 7530 Strategy or Topics courses in the area of organizational behavior, organization theory, strategy, entrepreneurship, international business, industrial relations and human resource management.

Finance Core

- FIN 7100 Financial Economics
- FIN 7110 Asset Pricing
- FIN 7520 Finance II: Corporate Finance
- FIN 7530 Advanced Topics in Finance

Other requirements:

To the extent that prior preparation supports the student’s Ph.D. program, some of the courses required within this section would not be required:

- 1 Philosophy of Science in Management
- 3 methods or statistics courses
- 2 minor/cognate courses (at least one of which is outside the Asper School of Business)

Since students completing an Asper School Ph.D. will be conducting research and teaching in topics related to management, they will be required to have a basic breadth of knowledge in

management. Students with an MBA or B. Comm. will not be required to complete this requirement. Students without a business degree will be required to audit at least one and up to three courses outside their core area in business as deemed necessary by the student's program committee. Previously, students had to take 3 breadth courses for credit. Based on the GRPC's benchmarking against comparator schools, this requirement was considered excessive.

- iii. **Ph.D. program Change #2:** Ph.D. students in the Finance major area are exempt from the course PHDM 7110 Philosophy of Science in Management (3).

This change reflects concerns unanimously expressed by the members of the Finance area that PHDM 7110 delays the progress of their students through the program. Students in the Finance area take a heavy methodological course load in addition to the four finance core area courses outlined below. Many of these courses are in foundational areas such as Economics and Statistics. The heavy course load means that students in this area have no options for electives in their course choices and taking PHDM 7110 would add another 3 credit hours to their degree.

This change is also consistent with other comparable programs with a Finance specialization in the doctoral program. The Finance area collected information from management doctoral programs at the University of British Columbia, University of Toronto, McMaster University, Queen's University, University of Alberta, York University, and McGill University. They found that the required curriculum for the Asper Finance program is in line with other mainstream Canadian programs affiliated with the above listed universities, as well as with ten top-US programs surveyed. In particular, none of the above programs required Finance doctoral students to take a Philosophy of Science course. At the same time, some of these programs require non-Finance Ph.D. students in Management to take this course (for example, York University).

- iv. **Ph.D. program Change #3:** Students may not use MBA courses to fill any Ph.D. requirement, except breadth requirements. The GRPC will consider exceptions where required.

This change simply formalizes a rule that was already an informal expectation in the Asper School of Business.

Asper School Ph.D. program

Course Deletions

| | |
|--|----------|
| PHDM 7120 Management Research Project 1 | 3 |
|--|----------|

| | |
|--|----------|
| PHDM 7130 Management Research Project 2 | 3 |
|--|----------|

Course introductions

| | |
|--|----------|
| PHDM 7140 Management Research Project 1 (Ph.D.) | 0 |
|--|----------|

(Formerly 119.712) Examination of research design and preparation of theoretical paper in management. Prerequisite: admission to the Ph.D. program in Management or approval by instructor. Course graded pass/fail.

PHDM 7150 Management Research Project 2 (Ph.D.)

0

Examination of research design and preparation of empirical paper in management. Prerequisite: admission to the Ph.D. program in Management or approval by instructor. Course graded pass/fail.

NET CREDIT HOUR CHANGE

-6

Recommendations

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated October 17, 2013] regarding the Asper School of Business' M.Sc. and Ph.D. programs.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council

/ak

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

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 17, 2013 to consider a proposal from the Asper School of Business (MBA program).

Observations:

1. The **Asper School of Business** proposes curriculum and concentration revisions to its **MBA program** which includes the deletion of 10 courses, the introduction of 13 courses and the modification of 11 courses.

The program's core courses are reduced from 48 to 30 credit hours. Elective courses are increased from 12 to 30 credit hours. The total required credit hours in the MBA remain unchanged at 60 CH.

Twelve (12) credit hours of MBA electives are required to obtain a concentration (no change). Remaining credits are fulfilled by any other MBA elective courses.

| <u>Existing Concentrations</u> | <u>Proposed Concentrations</u> |
|--|-------------------------------------|
| | |
| Marketing | Marketing** |
| Human Resource Management and Organizational Behaviour | Leadership and Organizations** |
| Finance | Finance** |
| Supply Chain Management | Supply Chain Management |
| General management | General management |
| Individual Interdisciplinary option | Individual Interdisciplinary option |
| Health Administration | Health Administration |
| Business Government Relations | Management of Public Enterprises |
| Management Accounting | |
| | <u>"Themed" concentrations</u> |
| | International & Emerging Markets |
| | Sustainability |
| | Entrepreneurship & Innovation |

**Denoted as "area concentrations"

- Students can obtain a concentration in area(s), theme(s), or a combination of area and theme. Maximum of two concentrations.
- Electives can cross-pollinate between area and theme, be a “pure” area course, or a “pure” theme course. Electives can be outside the above three areas (e.g., SCM, Accounting, MIS, etc.) and will count toward the 30 CH of electives.
- Courses that cross-pollinate will count both toward their area and theme concentrations (number of credits is not doubled).
- General MBA (no concentration) option will continue.
- Interdisciplinary concentrations: Health Administration will continue. Business Government Relations will be renamed to Management of Public Enterprises. Two more interdisciplinary concentrations will be explored: Agribusiness and a Supply Chain Management—Engineering.
- Capstone Strategy course (currently Business Policy Seminar) is required.
- Capstone experiential course is required. Theme concentration or area + theme combination concentration requires corresponding themed experiential course. Themed experiential course will count toward the 12 CH for one theme concentration. Area concentration, interdisciplinary concentration, or General MBA can take any of the experiential courses offered. Experiential courses are treated as electives. Students can take more than one toward their 30 CH of electives.

All changes contained in this proposal should come into effect no earlier than September 2014.

Asper School of Business MBA program

Course Deletions

| | |
|--|--------------|
| GMGT 6030 Organizational Theory and Behaviour | 3 |
| GMGT 7010 Business Policy Seminar | 3 |
| HRIR 7450 Human Resource Mgmt/Industrial Relations | 3 |
| IDM 7060 Professional Seminar | 6 |
| ACC 6050 Accounting 1 – Financial Accounting | 3 |
| ACC 6060 Accounting 2 – Managerial Accounting | 3 |
| MIS 6150 Management of Information Systems and Technology | 3 |
| IDM 7720 Business Conditions Analysis | 1.5 |
| MSCI 5010 Mathematics for Management | 3 |
| OPM 6090 Production Management | 3 |
| Total Deletions | -31.5 |

Course Introductions

GMGT 7200 Critical and Creative Thinking 1.5

This course introduces students to different ways of thinking about the cognitive dimensions of organizational leadership. Approaches include the creative (divergent perspective), the critical (convergent perspective) and the holistic (systems-perspective) with special emphasis on understanding the nature and appropriateness of different forms of cognition in organizational leadership

GMGT 7210 Strategy 3

Students will integrate and apply concepts from various functional areas in analyzing organizational resources and capabilities, and environmental opportunities and threats. Students will study evolving strategic management problems and practices, and examine issues of formulation and implementation.

GMGT 7220 Managing People in Organizations 3

This course examines strategies and methods for the management of people in organizations, their implications for organizational effectiveness, and both the challenges and opportunities they present to managers within the Canadian context and beyond.

IDM 5120 Career Development Seminar 1

The Career Development Seminar is designed to assist students in developing personal career planning and management skills. Fundamentals of career success are covered including career assessment, resume and cover letter writing, interviewing, business etiquette and professional networking.

IDM 7120 Executive Leadership and Responsibilities 3

This course explores the nature of the challenges inherent in senior leadership. After contemplating the generic challenge of responsible executive leadership, students engage in extended dialogues with several executives concerning their experience in leading organizations with special attention to selected program themes. Not to be held with IDM 7060.

IDM 7130 Contemporary Themes in Business 1.5

This course exposes students to salient themes found in the modern business environment. Students will develop a broad appreciation for the challenges and opportunities presented by these contemporary themes (e.g. International and Emerging Markets; Sustainability; Entrepreneurship and Innovation).

MIS 5110 IT Seminar

1

To help those entering the MBA program become proficient in office productivity software (e.g., Excel). The skills taught will be adapted with changes in information technologies. Students can be exempt by demonstrating proficiency, evaluated through a computer based test recommended by the faculty. Course graded Pass/Fail.

ACC 7010 Accounting Fundamentals

3

This course studies the principles underlying accounting, with an emphasis on the interpretation of accounting information and its usefulness to stakeholders. Prerequisite: MSCI 5100 Math for Management 1 AX (auxiliary) cr hrs. Not to be held with ACC 6050 (or 009.605)

ACC 7020 Managerial Accounting

1.5

Provide the information required within an organization to effectively plan and control business results and make sound decisions. Involves the generation, communication, interpretation and sharing of information to facilitate decision-making across functions. Prerequisite: ACC 7010 Accounting Fundamentals. Not to be held with ACC 6060 (or 009.606).

FIN 7120 Managerial Economics

1.5

Supply, demand, elasticity, perfect competition, monopoly, revenue and cost functions, and determinants of competitive advantage are considered. Economic profit, accounting profit and value creation are compared so they are used properly in the context of optimal business strategy. Prerequisites: MSCI 5100 Math for Management and MIS 5110 IT Seminar. Not to be held with IDM 7720 (or 027.772)

MIS 7120 Management Information Systems

1.5

Helps students to develop an understanding of information systems and technology (IST) management as a critical element of organizational competitiveness. The course covers information systems strategy, IST security, sourcing, project management and governance. Not to be held with MIS 6150 (or 009.613, 009.614)

MSCI 5100 Mathematics for Management

1

This is a remedial master's level math class that review algebra, calculus, descriptive statistics, simple regression line analysis, and other mathematical techniques that are considered prerequisite to the MBA program. It emphasizes the mathematics required in general business processes.

OPM 7120 Operations and Supply Chain Management 3

Operations and Supply Chain Management focuses on the management of processes that transform inputs into valuable outputs within supply chains. This case method course will allow students to learn systematic ways of seeing, thinking, and managing key related processes.

Total Introductions 25.5

Course Modifications

GMGT 7080 Research Methods 3

Principles of research design and data collection with examples drawn across the areas of marketing management, industrial relations, policy analysis, etc. Both cases and computer-based exercises are used. Prerequisite: MSCI 5100

HRIR 7140 Topics in Industrial Relations/Human Resource Management 3

(Formerly 027.714) An in-depth analysis of various topics in industrial relations and human resource management. Prerequisite or corequisite: GMGT 7220.

HRIR 7162 Staffing 3

This graduate seminar provides an understanding of the staffing function of HRM. It focuses on how recruitment, selection, performance and retention management, function within an organization to gain a competitive advantage through the management of work and people. Pre- or corequisite: GMGT 7220.

HRIR 7164 Training and Development 3

This graduate seminar provides an understanding of the training and development functions of HRM. This course focuses on how to design, implement, and evaluate a training program, and employee development and career management. Prerequisite or corequisite: GMGT 7220.

HRIR 7166 Compensation 3

A review of the major concepts and design of compensation systems such as: strategy, external competitiveness, rewarding individual contributions, performance incentives, employee benefits, government regulations, union role in compensation, budgets and administration. Pre- or corequisite: GMGT 7220.

HRIR 7168 The Management of Labour and Employee Relations 3

An examination of the systems of labour and employee relations in Canada as it compares with the systems of other countries. Emphasis upon understanding and managing labour and employee relations in a changing economy. Not to be held with HRIR 7500 (or 027.750). Prerequisite or corequisite: GMGT 7220

HRIR 7460 Collective Bargaining 3

(Formerly 027.746) The labour management relations in the negotiation and administration of the collective agreement. The analysis of conflict and the application of bargaining theories. Prerequisite or corequisite: GMGT 7220.

FIN 6072 Corporate Finance 3

The financial management of businesses including agency problems, valuation, capital budgeting, risk/return relationships, the term structure of interest rates, market efficiency, long-term financing, capital structure, and the use of options and futures for risk management. Not to be held with either of the former 009.607 or FIN 6070. Prerequisite: MIS 5110 IT Seminar (IT Boot Camp), MSCI 5100 Math for Management (Quantitative Boot Camp) plus one of ACC 7010 (formerly ACC 6050 or 009.605) or FIN 7120 (formerly IDM 7720)

MSCI 6070 Quantitative Analysis for Management 3

(Formerly 164.607) Introduction to the use of quantitative techniques, and computers to solve management problems. Mathematical optimization models, network analysis, and probability models. Prerequisite: MSCI 5100 (OR 164.501). Not to be held with 027.607 OR 164.607

OPM 7300 Topics in Advanced Production and Operations Management 3

(Formerly 164.730) A study of recent developments in production systems and management. Topics include systems design, plant location and layout, inventory systems planning and control. Prerequisite: OPM 7120 (or 164.609 or 027.609 or OPM 6090)

MSCI 7680 Mathematical Optimization Models 3

(Formerly 164.768) A specialized course in mathematical optimization. Linear programming, integer programming, Fritz John and Kuhn-Tucker theorems, quadratic programming, nonlinear programming, duality, network analysis. Pre-requisite OPM 7120 (or 164.609 or 027.609 or OPM 6090).

| | |
|----------------------------|----------|
| Total Modifications | 0 |
|----------------------------|----------|

| | |
|-------------------------------|-----------|
| NET CREDIT HOUR CHANGE | -6 |
|-------------------------------|-----------|

Recommendations

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated October 17, 2013] regarding the Asper School of Business' MBA program.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council

/ak

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



UNIVERSITY
OF MANITOBA

Asper School of Business

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May 31, 2013

Dear Dr. Jay Doering:

The Asper School of Business has completed a revision of our MBA program. The program proposal for the revised Asper MBA program/curriculum was voted on and unanimously accepted at the March 22nd, 2013, Asper School of Business Faculty Council Meeting. At this meeting the council approved the new program structure and changes to concentrations. Subsequently at the May 31, 2013 Faculty Council meeting, Dr. Nathan Greidanus, Chair of the Asper MBA Program Committee, presented a detailed proposal with all the course changes including new course introductions, deletions, modifications and course outlines. Please find a complete list of all the motions below. The package in its entirety has received unanimous Faculty Council endorsement and is now presented to Faculty of Graduate Studies for approval.

Please note:

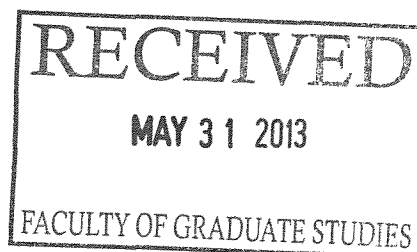
- 1) that any existing MBA program concentration that is not explicitly deleted in this submission, is continuing;
- 2) that the net change to total credit hours from all submitted changes is minus 6 credit hours (-6 CH); and
- 3) that all proposed course and concentration introductions, deletions, and modifications are to come into effect in the fall 2014 term. Until then, all current courses and concentrations are to remain active.
- 4) That the program requirements remain 60 credit hours.

The implementation of the revised program will be neutral with respect to resource requirements. The program retains the same number of credit hours required for graduation and has introduced themes that span across disciplines.

Thank you in advance for your consideration of this new MBA curriculum/program. We look forward to hearing the results of your deliberations.

Sincerely,

Dr. Michael Benarroch
Dean, I.H. Asper School of Business
CA Manitoba Chair in Business Leadership



Motions related to the new Asper MBA program endorsed at Asper School Faculty Council on May 31, 2013, and now submitted to Faculty of Graduate Studies for approval:

1) Business Administration

- a) deletion of GMGT 6030
- b) deletion of GMGT 7010
- c) deletion of HRIR 7450
- d) deletion of the Human Resource Management concentration from the MBA program
- e) introduction of GMGT 7200 Critical and Creative Thinking as a new core course in the MBA program
- f) introduction of GMGT 7210 Strategy as a new core course in the MBA program
- g) introduction of GMGT 7220 Managing People in Organizations as a new core course in the MBA program
- h) introduction of a new Leadership and Organizations concentration to the MBA program

The Leadership and Organizations concentration will consist of any 12 credit hours of elective MBA courses with the subject codes of HRIR, GMGT, ENTR, INTB, or any of IDM 7010, IDM 7020, IDM 7070, IDM 7080, IDM 7510, IDM 7050.
- i) modification of GMGT 7080 (change of prerequisite due to deletion of previous course/introduction of new course)
- j) modification of HRIR 7140 (change of prerequisite due to deletion of previous course/introduction of new course)
- k) modification of HRIR 7162 (change of prerequisite due to deletion of previous course/introduction of new course)
- l) modification of HRIR 7164 (change of prerequisite due to deletion of previous course/introduction of new course)

- m) modification of HRIR 7166 (change of prerequisite due to deletion of previous course/introduction of new course)
- n) modification of HRIR 7168 (change of prerequisite due to deletion of previous course/introduction of new course)
- o) modification of HRIR 7460 (change of prerequisite due to deletion of previous course/introduction of new course)

2) Interdisciplinary Management (IDM)

- a) deletion of IDM 7060
- b) introduction of IDM 5120 Career Development Seminar as a new auxiliary course in the MBA program
- c) introduction of IDM 7120 Executive Leadership and Responsibilities as a new core course in the MBA program
- d) introduction of IDM 7130 Contemporary Themes in Business as a new core course in the MBA program

3) Accounting and Finance

- a) deletion of ACC 6050
- b) deletion of ACC 6060
- c) deletion of MIS 6150
- d) deletion of IDM 7720
- e) introduction of MIS 5110 as a new auxiliary course in the MBA program
- f) introduction of ACC 7010 Accounting Fundamentals as a new core course in the MBA program
- g) introduction of ACC 7020 Managerial Accounting as a new core course in the MBA program
- h) introduction of FIN 7120 Managerial Economics as a new core course in the MBA program

- i) introduction of MIS 7120 as a new core course in the MBA program
- j) modification of FIN 6072 (change of prerequisite due to deletion of previous course/introduction of new course)

4) Supply Chain Management

- a) deletion of MSCI 5010
- b) the deletion of OPM 6090
- c) introduction of MSCI 5100 as a new auxiliary course in the MBA program
- d) introduction of OPM 7120 as a new core course in the MBA program
- e) modification of MSCI 6070 (change of prerequisite due to deletion of previous course/introduction of new course)
- f) modification of OPM 7300 (change of prerequisite due to deletion of previous course/introduction of new course)
- g) modification of MSCI 7680 (change of prerequisite due to deletion of previous course/introduction of new course)

5) New Themed Concentrations

- a) establishment of new themed concentrations in the new Asper MBA (see appendix A)

NEW MBA CURRICULUM

Proposal Presented to Faculty Council

I. H. Asper School of Business

March 22, 2013

By ad hoc MBA Curriculum Committee:

Subbu Sivaramakrishnan (Chair)

Robert Biscontri

Marci Elliott

Nathan Greidanus

Reg Litz

Ron McLachlin

David Stangeland

Ewa Morphy (resource person)

SUMMARY

(presented chronologically, as a student moves along the MBA curriculum)

- 4 Boot Camps
 - Math (exemption possible)
 - IT (exemption possible)
 - Career Development (mandatory; series of workshops)
 - Academic Integrity (currently mandatory; recommendation to expand and rename)
- Option of being placed with an executive mentor for an 8-month mentorship (carries no credit).
- Core reduced from 48 to 30 credit hours. Electives increased from 12 to 30 credit hours. 60 credit hours for MBA degree (no change).
- 12 credit hours of MBA electives to obtain a concentration (no change). Remaining credits from any other MBA elective courses.
- Three area concentrations:
 - Finance
 - Leadership and Organizations
 - Marketing
- Three themed concentrations:
 - International and Emerging Markets
 - Sustainability
 - Entrepreneurship and Innovation
- Students can obtain a concentration in area(s), theme(s), or a combination of area and theme. Maximum of two concentrations.
- Electives can cross-pollinate between area and theme, be a “pure” area course, or a “pure” theme course. Electives can be outside the above three areas (e.g., SCM, Accounting, MIS, etc.) and will count toward the 30 CH of electives.
- Courses that cross-pollinate will count both toward their area and theme concentrations (number of credits is not doubled).
- General MBA (no concentration) option will continue.
- Interdisciplinary concentrations: Health Administration will continue. Business Government Relations will be renamed to Management of Public Enterprises. We propose that two more interdisciplinary concentrations be explored: Agribusiness and a Supply Chain Management—Engineering.
- Capstone Strategy course (currently Business Policy Seminar) is required.
- Capstone experiential course is required. Theme concentration or area + theme combination concentration requires corresponding themed experiential course. Themed experiential course will count toward the 12 CH for one theme concentration. Area concentration, interdisciplinary concentration, or General MBA can take any of the experiential courses offered. Experiential courses are treated as electives. Students can take more than one toward their 30 CH of electives.
- Intended implementation date for new curriculum: August 2014.

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BACKGROUND

In early 2012, an ad hoc Curriculum Committee chaired by David Stangeland proposed a reduced MBA curriculum core of 30 credit hours (from the current 48). In Fall 2012, Dean Benarroch presented a themed MBA model to faculty. The ideas of a reduced core and themed MBA were generally well-received by faculty.

In November 2012, Faculty Council unanimously approved a 30 CH core and a theme-based MBA. The MBA Program Committee was then entrusted by the Dean to develop the MBA curriculum on the basis of these and present it to Faculty Council for approval.

An *ad hoc* committee was formed with members of the MBA Program Committee and Ron McLachlin (to represent the SCM department). In its first meeting, the Committee discussed and listed the following as aspects it had to make proposals on.

- 1) List of Core Courses (fixed at 30 CH)
- 2) Concentrations and Themes
- 3) What constitutes a Concentration
- 4) Capstone Course(s)
- 5) Experiential Course(s)
- 6) Boot Camps and whether exemption is possible
- 7) Executive Mentorship

Following consultations with the Dean, Marci Elliott, and Faculty of Graduate Studies, the Committee set March Faculty Council as the target date for having the curriculum package ready, to allow a Fall 2014 implementation. Following numerous committee meetings, months of discussion, hundreds of e-mails, consultations with individual faculty, department heads, Dean, and town hall meetings, the Committee has come up with a proposed curriculum it believes will make our MBA program academically stronger.

In designing the new curriculum, the Committee considered several aspects: 1) Academic content (as set out by the Asper School's eight learning goals, AACSB standards, and needs of employers), 2) The "Knowing, Doing, Being" concept, 3) What other competitive MBA programs were offering, 4) Marketability of the new MBA program, both to potential students and employers, and 5) Our internal and local resources. That is, the objective was to design a curriculum that is academically stronger, competitive, gives students experiential learning opportunities, develops a more integrative mindset, is more attractive to potential students and employers, and one that we can deliver.

OVERVIEW

The MBA education landscape is extremely competitive. Careful consideration therefore, has to be given to not only the academic content of the program but also its marketability. In order to differentiate themselves based on the curriculum, MBA programs typically offer either a wide variety of electives allowing students to customize their MBA or a set of traditional concentrations to attract the mainstream market along with perhaps some non-traditional concentrations to attract niche markets. Some MBA programs offer industry-specific concentrations to utilize their local strengths and serve the needs of the regional market.

For a relatively small program like the Asper MBA, the ability to offer a large number of electives, or a large number of concentrations, is problematic given the size of the program and the available academic and financial resources. Unlike some other provinces, Manitoba has no single industry or sector that dominates the economy. Therefore, providing industry-specific specializations (with the possible exception of domains such as Agriculture or Transportation) is not likely to have a strong regional demand.

In trying to differentiate the Asper MBA, while maintaining an academically rigorous curriculum, the Committee has taken the traditional area concentrations that we already have in place and combined them with relevant and contemporary business themes that are supported by both faculty expertise and local resources. The creative combination of areas and themes provides a positive differentiation from most other MBA programs, which tend to have only one or the other. The areas will give our graduates the knowledge they need to perform their jobs in the workplace while the themes provide the orientation and outlook required to succeed in today's business environment. A General MBA and two Interdisciplinary concentrations are also available.

We have reduced the Core to a tighter set of courses and expanded the number of elective courses, to provide for greater flexibility and tailoring one's MBA program. An experiential capstone course will provide hands-on learning, in addition to executive mentoring placements that will allow our students to learn the hard and soft skills of business in an applied environment. An Information Technology boot camp has been added to teach students computer-related productivity skills and a series of Career Development workshops to teach students the soft skills they need to get jobs and succeed in the business world.

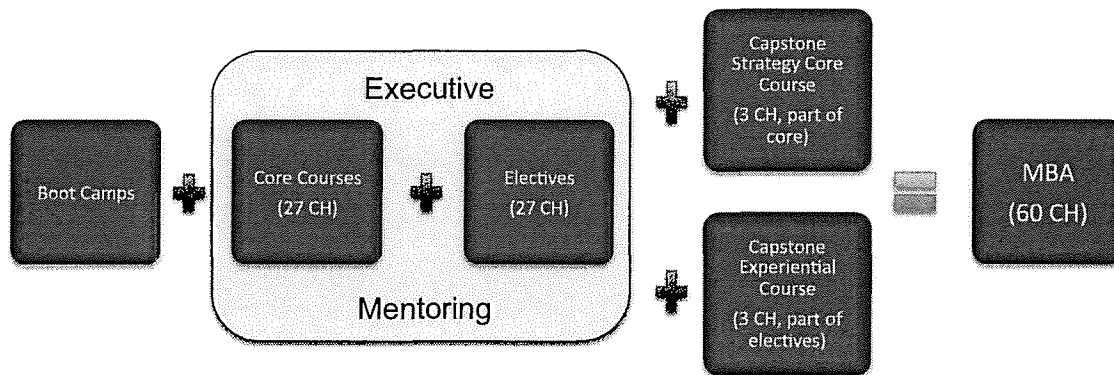
In the following pages, the details of the proposed curriculum are presented.

THE PROPOSED NEW MBA CURRICULUM

The Committee has developed a curriculum that will enable students develop a robust knowledge of the different aspects of business, provide them with hands-on learning experiences, and give a holistic perspective of managing an organization.

The following diagram (Figure 1) provides a visual summary of the new curriculum structure. Each of its components is subsequently explained.

Figure 1: New MBA Curriculum Components



BOOT CAMPS

Boot Camps comprise important skills students require to succeed in the MBA program and in the business world. They are not-for-credit courses. The “boot camps” proposed are:

Math Boot Camp: Continue what is under the current curriculum. As they are now, students can be exempt from this boot camp by demonstrating proficiency in math.

Information Technology (IT) Boot Camp: This will teach students the basics of common productivity software packages used in the business world (e.g., Word, Excel, PowerPoint, etc.). The IT skills taught will be adapted as new technologies or software packages become more prevalent. Students can be exempt from the IT Boot Camp by demonstrating proficiency, evaluated through a computer-based test (there are many commercial testing packages available on the market).

Career Development Boot Camp: This is intended to teach students the “soft skills” they will need to get jobs and advance in their organizations. Managers’ success relies on their soft skills as much as their hard skills. The Career Development boot camp will be a series of workshops

over the course of the MBA program. These workshops will help students hone their soft skills such as business communications, business etiquette, networking, résumé-building, and interviewing skills. We expect that the Career Development boot camp will improve our students' job market prospects. Unlike the Math and IT boot camps, this boot camp is mandatory and therefore, students cannot be exempt from it. The reason for making this mandatory is two-fold 1) proficiency in "soft skills" cannot be assessed through a challenge test or prior coursework, and 2) surveys of employers show that soft skills are very important in hiring decisions, which in turn impact the reputation of our MBA program. Therefore, we believe that all students should go through these workshops.

Academic Integrity Workshop: This is a mandatory workshop, already in place, that all MBA students have to take. In addition to the above boot camps, we recommend continuing this workshop with a modification. We recommend expanding it to include Information Literacy that will be taught by the Management Library staff. Besides giving students training on identifying, locating, evaluating, and using information, this will also put a positive spin to a workshop that currently emphasizes only integrity. The workshop can subsequently be renamed to reflect this expansion.

CORE COURSES

The Core of the program consists of 30 credit hours of courses.

Most of the core courses comprise the fundamental knowledge of different functions in an organization. The Core is also intended to help students understand the environments businesses operate in, develop their ability to think like top management, and get exposed to contemporary themes that guide decisions in the business world.

Business Foundations (24 CH)

1. Critical and Creative Thinking (1.5)
2. Accounting Fundamentals (3)
3. Managerial Economics (1.5)
4. Corporate Finance (3)
5. Managing People in Organizations (3)
6. Operations and Supply Chain Management (3)
7. Marketing (3)
8. Managerial Accounting (1.5)
9. Management Information Systems (1.5)
10. **Strategy** (3; capstone course)

Leadership (4.5)

11. Executive Leadership and Responsibility (3)
12. Strategic Leadership and Managing Change (1.5)

Business Themes (1.5)

13. Contemporary Themes in Business (1.5)

The Strategy course (Business Policy Seminar in the current curriculum) is an integrated capstone course that will be taken by students toward the end of their MBA program.

The Contemporary Themes in Business course will expose students to the three themes we propose—International & Emerging Markets, Sustainability, and Entrepreneurship & Innovation. The two Leadership courses will also have the three themes infused in them, giving students exposure to the three themes in 6 credit hours of the Core. Given the title of the course, themes can be added/deleted depending on what is contemporary in the business world then.

ELECTIVE COURSES

Students will take 30 credit hours of elective courses.

Concentrations can be obtained via taking a relevant set of elective courses. Students can obtain a General MBA (no concentration), an Interdisciplinary concentration (offered collaboratively with another Faculty), or an MBA with one or two concentrations (offered in-house).

Besides the General MBA and Interdisciplinary concentrations, we are proposing three area concentrations and three theme concentrations:

Areas: Finance, Leadership and Organizations, and Marketing

Themes: International & Emerging Markets, Sustainability, and Entrepreneurship & Innovation

The three themes are defined as follows:

*The **International & Emerging Markets theme** focuses on a mindset and set of skills relevant to the operation of business in international and emerging markets that reflect various levels of economic and social development. It addresses the identification of opportunities, risks, the potential for growth, and the management of challenges as businesses evolve in the developing and developed regions of the world.*

*The **Sustainability theme** approaches business from a triple bottom line perspective of People, Planet, and Profit. Sustainable development recognizes the interconnectedness of economic prosperity, environmental integrity, and social equity, and seeks to balance multiple forms of well-being (e.g., financial, ecological, and social) for multiple stakeholders (e.g., owners, employees, customers, suppliers, partners, government, society, and future generations).*

*The **Entrepreneurship and Innovation theme** focuses on understanding value creation and re-creation through starting a company or innovating in an existing organization. Key priorities center on the nature of creative, innovative, and entrepreneurial perspectives and behaviours.*

The choice of areas and themes was based on a number of sources of data, some of which are listed below:

- What competitor Canadian and American MBA programs are offering.
- Our current and near-future resources.
- *Tomorrow's MBA*, Carrington Crisp consultant report, 2012.

This 2012 survey of over 1200 students worldwide showed 38% of students chose an MBA with specialization. Finance (21%), HRM (11%), and Marketing (10%) ranked the highest. Among the content considered valuable, International (34%), Sustainability/CSR/Ethics (23%), and Entrepreneurship/Innovation (38%) ranked high.

- *2013 Alumni Perspectives Survey*, Graduate Management Admissions Council (which administers the GMAT).

The GMAC survey of alumni shows Finance and Marketing as the top two areas where MBA graduates get jobs.

- Our graduation history over the past five years.

General—45%; Finance—22%; HR/OB—14%; Marketing—8%; Other—11%.

- Our post-hoc online surveys of current MBA students and Manitoba employers. Students were asked to respond as if they were incoming students. Employers were asked about their plans to hire MBA graduates in the next 3-5 years.

Of the students (n=171), 45% say they are Likely or Very Likely to specialize in Finance, 44% in Marketing, 27% in HR/OB, and 55% General MBA. 61% say they are Likely or Very Likely to get a combination of area and theme concentration.¹

Of the employers (n=78), 50% say they are Likely or Very Likely to hire an MBA graduate with a specialization in Finance, 60% in Marketing, 38% in HR/OB, and 34% with a General MBA.

38% of students said they are Likely or Very Likely to specialize in International & Emerging Markets, 27% in Sustainability, and 46% in Entrepreneurship & Innovation. Of the employers, 35% said they are Likely or Very Likely to hire an MBA graduate with a specialization in I&EM, 13% in Sustainability, and 49% in E&I.²

¹ At the time of this survey, the Leadership & Organizations concentration was called HR/OB.

² The survey to employers did not explain that Sustainability included financial and social sustainability, whereas the student survey did. Therefore, it could have been interpreted by some employers to mean only environmental sustainability.

What Constitutes a Concentration?

Students can obtain a concentration by taking 12 credits of courses in that area or theme. Students can obtain up to two concentrations. Depending on the combination of elective courses, students can earn one of the following:

- General MBA (no concentration)
- Concentration in one area (Finance, Leadership & Organizations, or Marketing)
- Concentration in one theme (International & Emerging Markets, Sustainability, or Entrepreneurship & Innovation)
- Concentration in a combination of area and theme (e.g., Finance and International & Emerging Markets)
- Concentration in two areas (e.g., Finance and Marketing)
- Concentration in two themes (e.g., Sustainability and Entrepreneurship & Innovation).
- Inter-disciplinary MBA (Health Administration or Management of Public Enterprises; possibly added in the future: Agribusiness or Supply Chain Management—Engineering).

Departments and faculty are encouraged to offer MBA elective courses that intentionally cross-pollinate between area and theme. The following matrix (Figure 2) provides a visual conceptualization:

Figure 2: Areas, Themes, and Cross-pollinating Courses

| | | AREA CONCENTRATIONS | | | | |
|----------------------|----------------------------------|---------------------|----------------------------|-----------|-------------|--------|
| | | FINANCE | LEADERSHIP & ORGANIZATIONS | MARKETING | OTHER AREAS | "PURE" |
| THEME CONCENTRATIONS | International & Emerging Markets | | | | | |
| | Sustainability | | | | | |
| | Entrepreneurship & Innovation | | | | | |
| | "Pure" | | | | | |

Credits for cross-pollinating elective courses in the gray-shaded cells of the matrix will double-count, towards the area and theme concentrations. Credits will not double; so every student will have to take 60 CH of courses to get the MBA.

“Other Areas” refers to courses other than in Finance, Leadership & Organizations, and Marketing (e.g., SCM, Accounting, MIS, etc.). Such courses, if cross-pollinating with a theme, will count toward the 12 CH for a theme concentration. If not, they can still count toward the 30 CH of electives.

“Pure” courses are considered those that have only area content or only theme content. Such courses will count toward their respective area or theme concentration. Students may take some or all “pure” courses toward the 12 credits for their concentration.

Those pursuing a General MBA can take their 30 CH of electives from anywhere in the matrix, not limited to the gray-shaded cells.

Students who choose to obtain one concentration can take their remaining 18 CH of electives from anywhere in the matrix, not limited to the gray-shaded cells.

Students who choose to obtain two concentrations will complete 12 CH of electives in each of the two concentration areas. For the remaining credits, they may take any other MBA electives from anywhere in the matrix. Even with two concentrations, students will have room for additional elective courses.

Those pursuing an Interdisciplinary MBA will take 12 CH of elective courses in another Faculty and could take the remaining 18 CH from anywhere in the matrix.

The following visual (Figure 3) summarizes how credits for elective courses will work.

Figure 3: Elective Course Credits used toward Concentration

| | | AREA CONCENTRATIONS | | | | |
|----------------------|----------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|--------------------|
| | | FINANCE | LEADERSHIP & ORGANIZATIONS | MARKETING | OTHER AREAS | “PURE” |
| THEME CONCENTRATIONS | International & Emerging Markets | Double-Count | Double-Count | Double-Count | Count toward Theme | Count toward Theme |
| | Sustainability | Double-Count | Double-Count | Double-Count | Count toward Theme | Count toward Theme |
| | Entrepreneurship & Innovation | Double-Count | Double-Count | Double-Count | Count toward Theme | Count toward Theme |
| | “Pure” | Count toward Functional Area | Count toward Functional Area | Count toward Functional Area | Count toward 30 CH of electives | |

The matrix structure we are proposing has many advantages:

- It gives us a differentiation in the MBA marketplace. Most MBA programs offer concentrations in areas (e.g., MBA Finance, MBA Marketing, etc.) or themes (e.g., International MBA, Sustainability MBA, etc.), but not in both. We offer students the flexibility to choose a business area (domain expertise), theme (business orientation), and combine the two.
- As a result of this combination, we hope that our students will gain an advantage in the employment market and be knowledgeable and prepared for emerging themes in the business world (e.g., sustainability).
- Students have complete flexibility to choose area concentration, theme concentration, double-concentration (two areas, two themes, or combination of area and theme), interdisciplinary concentration, or a general MBA with no concentration. Our current curriculum does not permit double-concentration within the 60 CH.
- Given that elective courses which fit the matrix will double-count toward both the area and theme, enrollment in such elective courses are likely to be higher than they are now.

The areas and themes shown in the matrix are not permanent. In the future, areas or themes could be added/deleted from the matrix, depending on demand and resources at that time.

What is a cross-pollinating course?

The Committee suggests that at least one-third of an area course should have themed content to qualify as a cross-pollinating course. The one-third ratio should be interpreted as at least 33% of the topics, cases, assignments, project, guest lectures, etc. be theme-related.

Considering that cross-pollinating courses count both toward the area and theme, students should ideally get a balance of both topics in these courses. The Committee is cognizant, however, that some areas lend themselves to be more thematic than others and an assessment will have to be made on a course-by-course basis.

Courses proposed by departments as thematic will be assessed by the MBA Program Committee to determine where the course fits in the matrix. The intention is not to “police” but to guide faculty in the development of cross-pollinating courses. The Committee hopes that over time, faculty will develop an implicit understanding of what constitutes a cross-pollinating course that such assessments may no longer be required.

Interdisciplinary Concentrations

We are also proposing to continue two Interdisciplinary MBA concentrations and explore the possibility of two new concentrations:

We propose continuing the Health Administration and Business Government Relations concentrations. However, we propose renaming the Business Government Relations concentration to Management of Public Enterprises.

The Committee believes there is potential for significant demand for the Agribusiness and Supply Chain Management—Engineering concentrations. Manitoba and the University being strong in agriculture and Winnipeg being a transportation hub should give us a competitive advantage over many other MBA programs to offer these concentrations. There is interest from the Faculties of Agriculture and Engineering respectively to explore these possibilities.

CAPSTONE COURSES

We propose students take two mandatory capstone courses of 3 CH each. The first will be a traditional Strategy course. This will be part of the 30 CH Core. The second will be an experiential capstone course that is part of the 30 CH of electives.

Strategy Course (3 CH)

The Strategy course (currently called Business Policy Seminar) is intended to give students an integrated view of all aspects of business. It provides students a holistic perspective of managing a business or organization by integrating all the different functional areas and themes.

Experiential Course (3 CH)

The experiential capstone course could be in the form of an international study trip, domestic industry project, stock market simulation, setting up a business, etc. The idea is that students get hands-on business experience. The experiential course would ideally involve the three themes (e.g., international study trip to visit SMEs practising sustainable business) or may have only one or two themes (e.g., local sustainability project). The project could be a short-term one that a student (or a group of students) completes or a long-term ongoing one with each cohort of students developing the project one more step. Interested faculty, Department Heads, and the MBA office will collaborate to develop experiential courses.

A themed experiential course will count toward the 12 CH for a theme concentration. That is, students can take 9 credits of regular elective courses in a theme and the 3 CH thematic experiential course to complete a concentration in that theme.

Those seeking the International theme concentration must complete the International Study trip course or do an international project (subject to approval by the MBA Program Committee). Those seeking any other concentration or General MBA can choose to do an experiential course locally (e.g., local industry project).

Those seeking a General MBA, area concentration, or Interdisciplinary concentration can take any of the experiential courses offered.

Experiential courses are treated as electives. Therefore, students can take more than one toward their 30 CH of electives.

The capstone experiential course will also have student performance evaluation standards as any other course. For instance, simply going on an international study trip will not get the student a passing grade. The faculty member responsible for the course will design evaluation components and determine student performance, as is done for other courses.

EXECUTIVE MENTORING

This will be an optional career development service provided to students that desire it. We believe executive mentoring will provide students with a rich learning experience, teaching them hands-on hard and soft skills they may not learn in the classroom. In addition, it will provide our students with contacts in the business world and improve their job prospects. This will be especially useful for international students who may not have local contacts.

The intended duration of the mentoring placement is eight months.

Executive mentoring placements will be implemented through the Career Development Centre working with the Executive-in-Residence, leveraging on our relationships with the Associates, local businesses, and alumni. The School has recently hired a career development professional who will be working exclusively with MBA students. The services of this professional will be utilized for executive mentor placements.

Being an option, executive mentoring is not formally part of the curriculum. However, it is included here as the committee's recommendation for giving our students a well-rounded MBA education experience.

IMPLEMENTATION CONSIDERATIONS

The Committee discussed a number of considerations for the new curriculum to be implemented. Most of these are typical issues to be considered when substantial curriculum changes are made. The following list is illustrative, not necessarily exhaustive.

Faculty Available

Under the new curriculum, we will offer 30 CH of Core courses compared to the current 48 CH. However, electives are increased from 12 CH to 30 CH. Therefore, it can be expected that while we will need fewer faculty teaching in the Core, we will have more elective courses requiring faculty. It is our calculation that each year we will need to offer at a minimum, a combination of 12 cross-pollinating and “pure” electives and 1 experiential course that has all three themes. In the unlikely event none of our electives cross-pollinate, the worst-case scenario is that we would need to offer 21 “pure” electives and 3 experiential courses (one per theme). For comparison, under the current curriculum in the 2012-2013 year, we offered 18 electives (some of which cross-pollinate), along with a much larger Core. The new curriculum does not require significant additional course offerings in comparison to our current offerings.

We recommend that the Dean explore ways to get more faculty members motivated to teach in the MBA program and develop new courses so that the number of available MBA faculty is rarely a constraint. We also recommend the School initiate training and mentoring programs for junior faculty who wish to teach MBA courses and like some help to get started.

Timeline and Scheduling

We hope to have the new curriculum implemented for Fall 2014. This requires approval by Faculty Council, Faculty of Graduate Studies, and Senate. Following all stages of approval, the new curriculum will have to be promoted to potential students entering the program in Fall 2014. A March 2013 approval by Faculty Council will allow a Fall 2014 implementation of the new MBA program.

Some aspects of the curriculum may be implemented in a staggered fashion. For instance, we may not be able to offer all three themed concentrations to begin with, to allow scheduling of courses in the currently limited time slots and also to allow faculty time to develop cross-pollinating electives. Similarly, we may be able to offer only a couple of experiential course electives for a start. In addition, grandfathering of current students will be required as we transition from the current to the new curriculum.

Developing Cross-Pollinating Courses

It is desirable to have a good selection of courses that cross-pollinate between areas and themes, although “pure” elective courses will continue to be offered and count toward the 30 CH of electives. There could be some teething problems as faculty attempt to design courses that cross-pollinate. We expect that the themed expert faculty groups (to be formed) will offer guidance on designing such courses. Over time, such guidance may not be required. As we are

looking at a Fall 2014 implementation and electives may not need to be offered until possibly Winter 2015, departments have nearly two years to develop cross-pollinating courses.

FGS and Senate Approval

The Core has been reduced. Some of the courses in the Core have been renamed or their credit hours changed. We are adding new concentrations and renaming two existing ones. We are permitting some courses to double-count toward concentrations. All these necessitate submitting the paperwork for approval, as per FGS requirements.

Setting up Boot Camps

Two new boot camps have been proposed. The IT Boot Camp requires establishing the testing procedure and standards (for those seeking an exemption) and developing workshops or online courses for those that will go through the boot camp. The Career Development Boot Camp requires identifying the soft skills we want students to have and developing workshops to train students effectively.

Experiential Courses

This is likely to require a fair amount of startup work. We hope that rather than have one-off study trips or projects, our School can establish partnerships with organizations in other countries or with local industry so that the same experiential courses can be offered year after year. Or, they can be long-term projects that each cohort of students advances by another step.

Executive Mentoring

Offering executive mentoring will require the Dean, MBA Office, Career Development Centre, Executive-in-Residence, and the Asper Associates office working together to solicit participation from local executives. Mentorship also requires putting in place clear agreements and performance evaluation standards so that both the student and executive know what is expected of each of them. The offering of this service to students is optional.

Promoting the New Program

The new curriculum represents a substantial change to the program. We acknowledge that a new curriculum by itself will not sell the MBA program. An active promotion program is required. We recommend that the Dean commit resources for a wholehearted promotion and recruitment effort to back the new MBA program and help it succeed.

Exploring the Agribusiness and SCM-Engineering interdisciplinary options

These are recommendations and not proposals at this point. The Committee believes there is likely to be a significant demand for these concentrations. There is interest from the Faculties of Agriculture and Engineering to work with the Asper School to develop these concentrations. If approved by Faculty Council, these options will be explored further.

Cost Implications

Determining the cost increases, if any, resulting from the new curriculum is beyond the mandate of the Committee. The Committee has been informed by the Dean that the School has the financial resources to implement the proposed curriculum.

BENEFITS OF THE NEW CURRICULUM

The proposed curriculum has a number of benefits over the current curriculum. Some are listed below:

1. Reduced Core allows greater flexibility for students to take more electives and lowers the number of core courses that have to be offered every year.
2. With greater room to take electives, students can tailor their MBA program to suit their interests.
3. Students can obtain a concentration in an area, theme, or a combination of the two. General MBA and Interdisciplinary concentrations remain options.
4. Students can obtain more than one concentration. Under the current curriculum, that is possible only by taking at least 72 credit hours of courses.
5. Themed electives will double-count toward an area and theme, thereby increasing enrollment in such courses.
6. The experiential capstone course will provide an academic hands-on learning experience while making the program more attractive to potential students.
7. Executive Mentoring will enable students to learn how executives think and behave, at the same time give them contacts in the business world. This will be particularly useful for international students who usually do not have any local business contacts.
8. The IT Boot Camp will provide students the hands-on computer-related productivity software knowledge they need in the MBA program and in the workplace.
9. The Career Development Boot Camp will train students in developing their soft skills to get jobs and succeed in the business world.
10. Last, but not least, it gives the Asper MBA program a “new face” in the local market and improves our marketability in the national and international markets.

COMPARISON OF CURRENT AND NEW CURRICULA

| VARIABLE | CURRENT CURRICULUM | NEW CURRICULUM |
|---|---------------------------|-----------------------------------|
| Credits required for MBA | 60 CH | 60 CH |
| Core | 48 CH | 30 CH |
| Electives | 12 CH | 30 CH |
| Area concentrations | 7 | 3 |
| Theme concentrations | 0 | 3 |
| Double Concentration | Not possible within 60 CH | Possible within 60 CH |
| General MBA Option | Yes | Yes |
| Interdisciplinary concentrations | 2 | 4 (2 existing + 2 recommended) |
| Experiential Capstone Course | No | Yes |
| Boot Camps | 2 | 4 |
| Executive Mentoring | No | Yes |

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 17, 2013 to consider a proposal from the Dept. of Physiology (Faculty of Medicine).

Observations:

1. The **Dept. of Physiology** proposes a reduction of credit hours in the M.Sc. program and (M.Sc. transfer-to) Ph.D.

Note: "FCE" denotes "full credit equivalents" where 0.5 FCE corresponds to a course that runs for a full term.

- The credit hours in the **Masters** are proposed to be reduced from 15 to **9 CHs** (1.5 FCE);
- The credit hours in the **Ph.D. resulting from a transfer from the M.Sc.** are proposed to be reduced from 24 to **15 CHs** (2.5 FCE); and
- The credit hours in the Ph.D. (direct) remain 9 CHs.

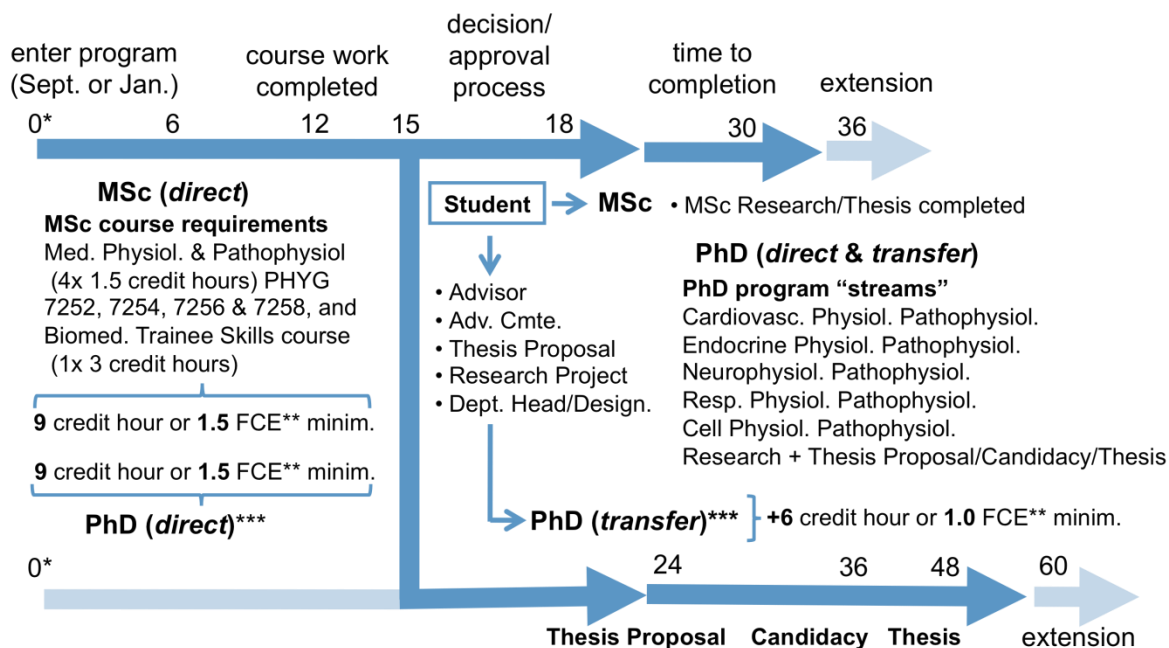
The introduction of a modular structure (combinations of 1.5 credit hour courses) into the department's M.Sc. and Ph.D. programs (see Figure 1); current requirements/electives for Medical Physiology that are offered through two 3 credit hour/0.5 FCE courses (PHGY 7242 and 7244) will be repackaged as four amended/new 1.5 credit hour/0.25 FCE Respiratory Physiology and Pathophysiology (PHGY 7252), Cardiovascular Physiology and Pathophysiology (PHGY 7254), Endocrine Physiology and Pathophysiology (PHGY 7256) and Neurophysiology and Pathophysiology (PHGY 7258) courses. *[Note: these course changes were approved at the Sept. 4, 2013 Senate meeting.]*

The proposed program architecture is presented schematically in **Figure 1**; a serious effort has been made to incorporate student feedback in the structure of the program and/or through amendments to courses/course content.

Figure 1

PROPOSED GRADUATE PROGRAM ARCHITECTURE

To all intents and purposes, the philosophy here is for a student to enter the PhD program in Physiology and Pathophysiology, and to make a decision at 12-17 months to indicate a desire to complete a highly structured MSc (no electives required) within 30 months, or continue towards a PhD in one of five “streams” reflecting research and training strengths in the Department within 48 months.



* months (not to scale)

** full course equivalent where 0.5 FCE corresponds to a course that runs for a full term

*** incl. option for one or more Med. Physiol. & Pathophysiol (1.5 credit hour) courses

MSc = 9 credit hours (1.5 FCE)

PhD (transfer) = 15 credit hours (2.5 FCE)

PhD (direct) = 9 credit hours (1.5 FCE)

These changes are proposed as part of the strategic plan to restructure Physiology’s Graduate Student Programs. This plan has been developed in response to both external influences (e.g., competition for student recruitment with other institutions, the available job opportunities for Physiology’s graduates, and evolving health research funding priorities being developed by agencies like the CIHR), and internal pressures/drivers (e.g., internal/external review of Physiology’s graduate programs, desire for improved time to completion and, again, competition for student recruitment, which also relates to student expectations).

Comparison of FCE requirements for the M.Sc. in Physiology-related programs at other Institutions:

Physiology/McGill University = 1.0 FCE

“Students must select 6 approved credits in Physiology or Science at the 500 level or above.” in addition to credits given for the credits related to the “Thesis” and “Laboratory Research”. Please note that for the PhD, “students are required to take an additional three courses of Physiology or Science at the 500 level or above” (from: http://www.mcgill.ca/study/2012-2013/faculties/medicine/graduate/programs/master-science-msc-physiology-thesis#msc-physio-t_pho4_major)

Physiology-related (Neuroscience)/McMaster University = 1.0 FCE

Master's Program: All students will be required to take the 700 level Neuroscience course "The Nervous System" (full course). It is also noted that "PhD Program: A minimum of 1 one term course beyond the Masters Degree requirements" (from: <http://neurosciencemcmaster.ca/Grad-Requirements.html>)

Physiology/Queens University = 1.5 FCE*

"MSc students are required to take a minimum of two full-course credits" however, 0.5 FCE *PHGY897 is compulsory, and incorporates the Department's seminar program and the student's thesis proposal. These components are already in our program but to all intents and purposes are non-credit requirements. If credited then our current program would be 3.0 FCE. It is also noted that "PhD students are not formally required to take courses" (from: http://dbms.queensu.ca/graduate/physiology/the_program)

Physiology/University of Alberta = 1.0 FCE

"The minimum number of courses generally required is one didactic course for both MSc and PhD degrees, and (please note) one additional reading course for the degree of PhD." (from: <http://www.physiology.ualberta.ca/GraduateProgram/Graduate%20Program%20Outline.aspx>)

Physiology-related (Cardiovascular and Respiratory Sci.)/University of Calgary = 1.0 FCE

"The minimum course requirement is normally two half courses for an MSc and (please note) an additional one half course for a PhD program." (Based on "MDCV Policies and Procedures" from: http://www.ucalgary.ca/crs_gse/node/34)

Physiology/University of Saskatchewan = 1.5 FCE

"Master's: 9 credit units at the 800-level" with two non-credit classes. Note, "Transfer from Master's to Ph.D.: 9 credit units at the 800-level, including relevant credit units taken before transfer" (from: <http://www.medicine.usask.ca/physiology/graduate%20Programs/index.php>)

Physiology/University of Toronto = 1.5 FCE

"A total of 1.5 full-credit equivalent (FCE) in Physiology courses" (from: <http://www.physiology.utoronto.ca/grad/gradprograms/msc.htm>). For transfer from the MSc to the PhD program no additional courses appear to be required (from: <http://www.physiology.utoronto.ca/grad/guide/msc/phd.htm>)

Recommendations

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated October 17, 2013] regarding the Dept. of Physiology's reduction in credit hours.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council

/ak

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

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 17, 2013 to consider a proposal from the Faculty of Graduate Studies.

Observations:

1. The **Faculty of Graduate Studies** proposes the closure of the following graduate programs:
 - **M.Sc. & Ph.D. in Genetics** – The Department of Genetics has not existed as a separate unit for approximately 10 years. Admission to the M.Sc. and Ph.D. programs in Genetics ceased when the Department of Biochemistry and Medical Genetics was formed. Students are now admitted to the M.Sc. & Ph.D. programs in Biochemistry & Medical Genetics. The M.Sc. & Ph.D. programs in Genetics should be closed.
 - **M.Sc. in Psychiatry** – Psychiatry does not offer such a graduate program.
- There are no students registered in either of these programs.

Recommendations

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program and Curriculum Changes [dated October 17, 2013] regarding closure of the M.Sc. & Ph.D. in Genetics and M.Sc. in Psychiatry.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council

/ak

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