

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, May 16, 2012
1:30 p.m.
Regrets call 474-6892

AGENDA

**I CANDIDATES FOR DEGREES,
DIPLOMAS AND CERTIFICATES – MAY 2012** Page 4

This report will be available at the Senate meeting. A copy of the list of graduands will be kept at the front table for examination by members of Senate.

**II REPORT ON MEDALS AND PRIZES
TO BE AWARDED AT THE SPRING CONVOCATION**

This report will be available at the front table in the Senate Chamber for examination by members of Senate.

III MATTERS TO BE CONSIDERED IN CLOSED SESSION

1. Report of the Senate Committee on Honorary Degrees

This 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.

IV ELECTION OF SENATE REPRESENTATIVES

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2. To the Senate Executive Committee Page 7

**3. Election of a Student Member to
 the Senate Executive Committee** Page 8

V MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

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 Curriculum and Course Changes** Page 9

**2. Report of the Executive Committee of the Faculty of Graduate
 Studies on Course and Curriculum Changes [February 29, 2012]** Page 99

**3. Report of the Executive Committee of the Faculty of Graduate
 Studies on Course and Curriculum Changes [March 26, 2012]** Page 101

**4. Report of the Executive Committee of the Faculty of Graduate
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	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.	
IX	<u>CONSIDERATION OF THE MINUTES OF THE MEETING OF APRIL 4, 2012</u>	
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Please send regrets to shannon_coyston@umanitoba.ca or call to 474-6892.

CANDIDATES FOR DEGREES, DIPLOMAS AND CERTIFICATES

1. Degrees Notwithstanding a Deficiency

A list of students to be considered for degrees notwithstanding a deficiency will be distributed at the meeting.

Deans and Directors should note that they may be asked to explain the circumstances leading to the recommendations from their respective Faculties or Schools.

At the conclusion of discussion of the report, the Speaker of the Senate Executive Committee will make the appropriate motion(s).

2. Report of the Senate Committee on Appeals

An oral report will be presented to Senate by the Chair of the Committee only if the Committee has heard an appeal which will result in the recommendation of the award of a degree notwithstanding a deficiency.

3. List of Graduands

A list of graduands will be provided to the University Secretary on the day of the meeting. The list will not be distributed to members of Senate but will be open for inspection by individual members of Senate.

The list to be provided to the University Secretary will be a compilation of the lists of the graduands of each Faculty and School.

The Speaker for the Senate Executive Committee will make the appropriate motion approving the list of graduands, subject to the right of Deans and Directors to initiate late changes with the Registrar up to May 18, 2012.

Election of Senate Representatives to the Board of Governors

General

The procedures to be followed for the election of members of Senate to the Board of Governors can be found on the web at:

http://umanitoba.ca/admin/governance/governing_documents/governance/senate_rules/524.htm

Among the more important procedures are the procedures governing nominations, the means of balloting, and the procedures to be followed in the event of a tie vote.

Special attention is directed to Point 3, which reads in part "... If the person nominated is not present, the nominator must state that the person nominated has consented to the nomination."

Election of Senate Representatives to the Board of Governors

1. The following resolution was approved by Senate on June 4, 1997: *"That Senate rescind its resolution of March 9, 1976 reserving one of its seats on the Board of Governors for a student Senator".*
2. The following resolution was approved by Senate on June 4, 1997: *"That in the future, as openings occur, Senate assure itself that at least one of the three individuals who represent it on the Board of Governors has no administrative responsibilities greater than those of department head at the time of election".*
3. Members-at-Large

According to Section 27(4) of *The University of Manitoba Act* (the "Act"), a member of Senate elected by a faculty or school council, who has been subsequently elected by Senate to the Board and whose term of office on Senate expires before his or her term of office on the Board, shall be appointed by Senate to be a member-at-large of Senate for the remainder of his or her term on the Board unless re-elected to Senate.

4. Students and *Ex Officio* Members

Students and *ex officio* members who are elected to represent Senate on the Board of Governors, but whose membership on Senate expires prior to their membership on the Board, are dealt with under the terms of the Act (Section 10(2)).

Pursuant to Section 10(2) of the Act, the Senate Executive Committee shall bring to Senate a motion to grant assessor status on Senate for the remaining portion of a student or *ex officio* member of Senate who was elected to represent Senate on the Board of Governors and whose term on Senate has expired prior to the person's term on the Board. Should such a motion fail, a motion to terminate the membership on the Board of Governors as a Senate representative shall be adopted.

5. Present Senate representatives on the Board:

Dean M. Whitmore (Science)	2014
Dean N. Halden (Environment, Earth & Resources)	2013
Dr. Joanne Embree (Member-at-Large)	2012

6. Not eligible for elections are: the Chancellor, the President, the Board representatives on Senate, and any Senator with administrative responsibilities greater than department head.

7. Terms of Senate representatives on the Board are normally for three years.

Procedures

1. Nominations for the position shall be received from the floor.
2. Senators shall vote for no more than one candidate on the ballot provided.
3. The candidate receiving the largest number of votes shall be declared elected for a three-year term.
4. In the event of a tie, the question shall be resolved by another ballot involving those candidates who have tied.

Dr. Embree's term expires in 2012, a replacement is required for the term June 1, 2012, to May 31, 2015. Dr. Embree is eligible for re-election.

Election of Senate Representatives to the Senate Executive Committee

1. Four Senators elected by faculty/school councils need to be elected for three-year terms (June 1, 2012 to May 31, 2015) to replace Professor Kevin Coombs, Professor Emily Etcheverry, Professor Diana McMillan and Professor Mary Brabston, whose terms on the Executive Committee expire on May 31, 2012.

- (1) Eligible for election are members of Senate elected under section 27 (by faculty/school councils)

- (2) Presently serving:

Prof. Kevin Coombs	(Medicine)	2012
Prof. Emily Etcheverry	(Medical Rehabilitation)	2012
Prof. Diana McMillan	(Nursing)	2012
Prof. Mary Brabston	(Management)	2012
Prof. Joanna Asadoorian	(Dentistry)	2013
Prof. John Anderson	(Science)	2013
Prof. Mark Gabbert	(Arts)	2014
Prof. Arlene Young	(Arts)	2014

2. One representative is to be elected from among the Vice-Presidents, Deans of Faculties and Directors of Schools, to be elected for a term (June 1, 2012 - May 31, 2015) to replace Dean Mark Whitmore. Dean Whitmore is eligible for re-election.

- (1) Eligible for election are:

- (a) Vice-Presidents: D. Jayas, J. Kearsey and D. McCallum

- (b) Deans: M. Trevan, R. Stern, J. Taylor, N. Halden, T. Iacopino, R. MacMillan, J. Beddoes, J. Doering, G. Sevenhuysen, M. Benarroch, J. Watkinson, L. Turnbull, B. Postl, E. Dawe, D. Crooks, N. Davies, M. Whitmore, H. Frankel, L. Wallace

- (2) Presently serving:

Dean M. Whitmore	(Science)	2012
Prof. P. Hess	(School of Art)	2013
Dean Brian Postl (R)	(Medicine)	2014

Procedures:

- (a) Nominations for the positions shall be received from the floor.
 - (b) Senators shall vote for no more than four candidates in category 1, and one candidate in category 2 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.

Election of a Student Senator to the Senate Executive Committee

1. The composition of the Executive Committee makes provision for three student assessors. The Assessors are as follows:
 1. President of UMSU (or designate) term: May 1, 2011 – April 30, 2012
 2. President of GSA (or designate) term: May 1, 2011 – April 30, 2012
 3. Student Senator appointed
by caucus of Student Senators term: May 1, 2011 – April 30, 2012
2. The composition of the Executive Committee makes provision one elected Student member of Senate Executive Committee. A candidate for this position is nominated by the caucus of Student Senators at Senate. Term for this position: May 1, 2011 – April 30, 2012.

Procedures:

- (a) A nomination for the position shall be provided by the Student Senate Caucus.
- (b) Senators shall vote by a show of hands.

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 March 13 and 16, 2012, to consider curriculum and course changes from Faculties and Schools.

Observations:

1. **General**

- In keeping with past practice, most changes for departments totalling less than ten credit hours are forwarded to Senate for concurrence without debate. This is in accordance with the Senate’s recommendation approved July 3, 1973, that course changes would cease to go to the SPPC when the resource implications are intra-faculty. Deans and Directors are to assess the resource implications to the respective units when course changes are proposed. Major changes in existing programs are to be referred to the SPPC for assessment of resource implications.
2. The Committee approved the 2012 / 2013 timetable for faculty / school submissions to the Senate Committee on Curriculum and Course Changes.
 3. The Committee supported a request from the University Librarian that a library statement be required for new topics courses, as it would be beneficial to the University Library to receive advance notice when a new topic is introduced. Requests for library statements for topics courses should be clear that the course is a topics course and must include a brief course description and a select list of journals representative of the subject area, if appropriate. A bibliography is not required.
 4. The Committee considered a request from University 1 that the Committee review new and modified 1000 level courses and 2000 level courses that have no prerequisites, for suitability for first year students and inclusion on the University 1 course list. The Committee determined that proposals for new and modified 1000 level courses and for new and modified 2000 level courses without prerequisites are to be submitted to the University 1 Advisory Committee by the Faculty / School, for review, where the Faculty / School considers the course to be appropriate for inclusion on the University 1 course list. The course introduction and modification forms will be amended to ask the Faculty / School to confirm that the course is to be included on the University 1 course list and to confirm that the course has been reviewed and accepted by the University 1 Advisory Council. The course deletion form will be revised to ask Faculties / Schools to identify

courses that are to be removed from the University 1 course list. Revised course introduction, modification, and deletion forms are available on the University Secretary's web page:

<http://umanitoba.ca/admin/governance/forms/index.html>

5. Faculties / Schools will no longer be required to complete course deletion and course introduction forms in order to revise a course title (long title), provided that the short title will remain the same. A course modification form should be completed. In response to a query from the Committee, the Office of the Registrar confirmed that, as long as the short title remains the same, Aurora repeat processing will continue to work.
6. The Committee referred a Report of the ad hoc Committee of Senate Executive on the Review of M and W Requirements to the Associate Deans (Undergraduate) / Undergraduate Liaison Officers, for discussion of the purpose and validity of the requirements and, should the ADU/ULO determine that the requirements are valid, to recommend to SCCCC criteria by which courses could be measured to attain the M or W designation.

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

The faculty is proposing the deletion of **ABIZ 3500 Agricultural and Food Policy** (3) and the introduction of **ABIZ 3510 the Economics of Food Policy** (3).

8. **Faculty of Architecture**

Environmental Design

The program is proposing modifications to **EVLU 4002 Construction Materials** (3).

9. **School of Art**

The School is proposing the deletion of twenty-eight (28) courses: **FA 2620 Writing About Art, STDO 1230 Drawing: Figure Study 1, STDO 1430 Art Now, STDO 2240 Advanced Drawing 1, STDO 2450 Introduction to Digital Photography, STDO 2660 History of Visual Communication 1, STDO 3600 Painting 2, STDO 3620 Ceramics 2, STDO 3610 Video 2, STDO 3630 Drawing, STDO 3650 Sculpture 2, STDO 3890 Printmaking 2A, STDO 3900 Printmaking 2B, STDO 3930 Design Studio 3, STDO 3940 Design Studio 4, STDO 3960 History of Visual Communication 2, STDO 4030 Drawing Workshop, STDO 4060 Printing Workshop, STDO 4070 Ceramics Workshop, STDO 4090 Commercial Problems, STDO 4110 Painting Workshop, STDO 4140 Sculpture Workshop, STDO 4150 Photography Workshop, STDO 4160 Video Workshop, STDO 4840 Design Studio 5, STDO 4860 Design Studio 6, STDO 4880 Bachelor of Fine Arts Thesis, STDO 4890 Bachelor of Fine Arts Thesis Seminar.**

The School is proposing the introduction of twenty (20) courses: **STDO 1510 Art Now, STDO 1240 Figure Study 1, STDO 2530 Relief and Monoprints, STDO 2690 Special Topics in Studio Practice 1, STDO 2710 Interdisciplinary Critique 1, STDO 2740 Open Media, STDO 2250 Drawing 1, STDO 2460 Digital Photography 1, STDO 3680 Special Topics in Studio Practice 2, STDO 3920 Design Studio 3, STDO 3910**

Design Studio 4, STDO 3970 Interdisciplinary Critique 2, STDO 4810 Senior Studio 1, STDO 4820 Senior Studio 2, STDO 4910 Honours Seminar 1, STDO 4920 Honours Seminar 2, FAAH 2930 Writing About Art, FAAH 3930 Introduction to Curatorial Studies, FAAH 3940 History of Visual Communication, FAAH 4250 Seminar on Curatorial Studies.

The school is proposing program modifications that follow from the course deletions and introductions and outline progression through its programs.

10. **Faculty of Arts**

Anthropology

The department is proposing the deletion of one course: **ANTH 3350 Anthropology of Sex and Sexualities (B)** (6) and the introduction of one course: **ANTH 3330 Sex and Sexualities (B)** (3).

Asian Studies

The program is proposing the introduction of one course: **ASIA 2750 Intermediate Korean** (6) and the modification of one course **ASIA 1750 Introduction to Korean** (6). The program is proposing that ASIA 2750 be added to List A (Courses Acceptable for Asian Studies Credit).

Central and East European Studies

The program is proposing that HIST 2080 The Byzantine Empire and the Slavic World be added to the List of Approved Courses in Central and European Studies.

English, Film, and Theatre

The program is proposing that the Drama General Major and Advanced Major programs be renamed Theatre General Major and Advanced Major. The program is proposing that the Theatre Program Notes be modified to identify topics courses that may be taken for credit more than once and to recommend that, in the Advanced Major program, students complete a three (3) credit hour theory course.

French, Spanish and Italian

The program is proposing the modification of one course **SPAN 2550 Advanced Spanish Composition** (3).

Linguistics

The program is proposing the modification of one course **LING 1440 Rules of English Grammar** (3).

Psychology

The department is proposing program modifications to the Honours Single Program: increasing the required credit hours from 114 to 120. Year 3 – modifying the requirement for “15 credit hours in Psychology courses” to specify “12 credit hours in Psychology courses numbered at the 2000 or 3000 level” and “3 credit hours in Psychology courses numbered at the 4000 level or one of: PSYC 3520, PSYC 3560 or PSYC 3590.” Year 4 – increasing requirement for “6 credit hours in Psychology courses” to “9 credit hours in Psychology courses at the 2000 or 3000 level” and adding “3 credit hours in free options.”

Religion

The department is proposing the modification of one course **RLGN 2680 Women and Religion 1 (C)** (3).

Sociology

The department is proposing the introduction of one course **SOC 3450 Sociological Perspectives on the Social Determinants of Health** (3).

Ukrainian Canadian Heritage Studies

The program is proposing the modification of one course **UCHS 3100 The Ukrainian Arts in Canada** (3).

Women's and Gender Studies

The program is proposing the introduction of one course **WOMN 3330 Sex and Sexualities** (3) and a program modification to List A, to include ANTH 3330 Sex and Sexualities (B) (3) and to flag ANTH 3350 as no longer offered.

Music

The faculty is proposing the deletion of the Faculty of Arts Advanced Major in Music.

11. Faculty of Dentistry

The faculty is proposing the deletion of one course: **RSTD 1540 Introduction to Dentistry** (3); the introduction of two courses: **DENT 1210 Dental Practice Management** (1) and **RSTD 1550 Introduction to Dentistry** (2); and program modifications to integrate the new Dental Practice Management (DPM) courses and module into the curriculum.

12. Faculty of Education

The faculty is proposing the deletion of one course: **EDUB 1810 Computer-Based Multimedia in Education** (3) and the introduction of two courses: **EDUB 1610 CyberPedagogy: Technology Production in Education** (3), **EDUB 1612 Adult ESL Curriculum and the Canadian Language Benchmarks** (3).

13. **Faculty of Engineering**

Civil Engineering

The department is proposing the modification of two courses: **CIVL 3590 Numerical Methods in Engineering Analysis** (3) and **CIVL 3710 Finite Element Analysis** (3).

Electrical and Computer Engineering

The department is proposing the introduction of **ECE 4360 High Voltage Engineering** (4) and the modification of **ECE 4150 Control Systems** (4).

The department is proposing the following program modifications. The course ECE 3540 Advanced Circuit Analysis and Design (4) will be removed from the core Computer Engineering program and will be replaced with a second science elective. As stipulated in the Undergraduate Calendar, the science elective courses are to be chosen from a list of courses approved by the department. The department adapts the list annually in response to course offerings through the Faculty of Science. The course ECE 3540 will now be offered as a technical elective in the Computer Engineering program. It remains a core course for the Electrical Engineering program.

Mechanical and Manufacturing Engineering

The department is proposing the introduction of **MECH 4472 Mechanical Vibration** (4) and the modification of two courses: **MECH 3482 Kinematics and Dynamics** (4) and **MECH 3492 Fluid Mechanics and Applications** (4).

14. **Faculty of Human Ecology**

Family Social Sciences

The department is proposing the modification of one course **FMLY 4012 Social Development Policies** (3).

Human Nutritional Sciences

The department is proposing the modification of five courses **HNSC 3300 Vitamins and Minerals in Human Health** (3), **HNSC 3310 Macronutrients in Human Health** (3), **HNSC 3342 Management for Food and Nutritional Professionals** (3), **HNSC 4364 Food Industry Option Practicum** (6), and **HNSC 4290 Food, Nutrition, and Health Policies** (3). The department is proposing a program modification to the required courses for the Bachelor of Science (Human Nutritional Sciences) Food Industry Option.

Textile Sciences

The department is proposing the modification of two courses **TXSC 2630 Pattern Development in an Industrial Environment** (3) and **TXSC 4500 Advanced Textiles for the Healthcare Sector** (3).

Interdisciplinary Health Program

The program is proposing the introduction of one course **HEAL 1600 Health and Health Professions** (3).

The program is proposing program modifications, including the addition of HEAL 1600 as elective course in the Interdisciplinary Health Program and modifications to: the required courses for Bachelor of Health Sciences and the Bachelor of Health Studies degree programs; the approved program elective lists for sciences orientation electives in the Bachelor of Health Sciences program; the approved program elective lists for social sciences orientation electives in the Bachelor of Health Studies program. The program is also proposing changes to the program comments, which following from revisions to the approved program elective lists.

15. **Faculty of Kinesiology and Recreation Management**

The faculty is proposing the introduction of one course **PERS 4XXX Sport, Film and History** (3).

16. **School of Medical Rehabilitation**

Physical Therapy

The department is proposing the deletion of two courses **REHB 1520 Musculoskeletal Anatomy** (5) and **PT 1740 Cardiorespiratory Clinical Education** (7).

Respiratory Therapy

The department is proposing the introduction of one course, **RESP 2390 Clinical Integration and Simulation** (6), and the modification of one course, **RESP 2380 Basic Fieldwork II** (4). The department is proposing that RESP 2390 be added to the required courses for the Bachelor of Medical Rehabilitation in Respiratory Therapy.

17. **Faculty of Science**

Actuarial Mathematics

The program is proposing modifications to the required courses and number of credit hours of approved electives for the Bachelor of Science (Honours) in Actuarial Mathematics.

Biological Sciences

The department is proposing the deletion of one course, **BIOL 4430 Advanced Plant Stress Physiology** (3) and the modification of one course, **BIOL 4460 Comparative Animal Energetics** (3).

Biotechnology Program

The program is proposing modifications to the required courses and the list of Recommended General Electives for the Biotechnology Joint Honours and the Biotechnology Joint Major programs, including the Co-operative Options, and to the Program Stream Courses, for the Molecular Biotechnology Stream. The program is proposing the addition of Co-operative Option wording to the Biotechnology section of the Undergraduate Calendar.

Computer Science

The department is proposing modifications to the required courses for three area specializations: Human-Computer Interaction and Computer Graphics, Computer Systems, and Artificial Intelligence.

Genetics

The program is proposing modifications to the Genetics Program(s) Option Course listing.

Psychology

The department is proposing modifications to the required number of credit hours for the Bachelor of Arts (Honours) and the Bachelor of Science (Honours) in Psychology, which would involve changes to the course requirements for year three of the program.

Statistics

The department is proposing modifications to the required courses for the Statistics – Actuarial Joint Honours program and a change to the number of elective credit hours in year three of the program.

18. Université de Saint-Boniface

Geography

The department is proposing the deletion of two courses, **GEOG 2481 Géographie de la population** (6) and **GEOG 3701 Canada: évolution de l'écoumène (A)** (6), and the introduction of one course, **GEOG 2331 Espace, populations et migrations: perspectives géographiques** (3).

Microbiology

The department is proposing the introduction of one course, **MBIO 4531 Projet de recherche en microbiologie** (6).

Philosophy

The department is proposing the deletion of one course, **PHIL 3551 Philosophie de l'éducation** (6) and the introduction of three courses, **PHIL 2811 Philosophie de l'éducation** (3), **PHIL 3223 Philosophie et littérature** (3), and **PHIL 3225 Anthropologie philosophique** (3).

Religion

The department is proposing the deletion of one course, **RLGN 3261 Les religions et les femmes (C)** (3) and the introduction of one course, **RLGN 2681 Les femmes et les religions 1 (C)** (3).

Spanish

The department is proposing the introduction of one course, **SPAN 2551 Espagnol: langue avancée et composition** (3).

German

The department is proposing the modification of one course, **GRMN 3201 Deutsche Sprachpraxis 1** (6).

Management

The department is proposing the introduction of one course, **GMGT 4211 Séminaire en gestion et capitalisme** (3) and the modification of seven courses: **ENTR 4511 Entrepreneurship et création d'entreprise** (3), **MKT 4211 Gestion du marketing** (3), **GMGT 3561 Séminaire en management** (3), **ACC 4031 Théorie comptable** (3), **MSCI 2151 Introduction aux sciences de la gestion** (3), **MIS 2001 Les systèmes d'information de gestion** (3), **GMGT 2011 Business Communications and Critical Thinking** (3).

Translation

The department is proposing the modification of three courses, **TRAD 2151 Introduction à la traduction** (3), **TRAD 3111 Laboratoire I** (3), and **TRAD 4111 Laboratoire II** (3).

Recommendations

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

Faculty of Agricultural and Food Sciences

Faculty of Architecture

School of Art

Faculty of Arts

Faculty of Dentistry

Faculty of Education

Faculty of Engineering

Faculty of Human Ecology

Faculty of Kinesiology and Recreation Management

School of Medical Rehabilitation

Faculty of Science

Université de Saint-Boniface

Respectfully submitted,

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

Faculty of Agricultural and Food Sciences

Deletion:

ABIZ 3500 Agricultural and Food Policy Cr.Hrs. 3

Introduction:

ABIZ 3510 Economics of Food Policy Cr.Hrs. 3 +3.0

Economics of market intervention; trade policy analysis, and agricultural protection, exports, subsidies, tariffs, quotas; intermediate versus final goods; currency exchange rates and agricultural trade policy; trade agreements. Not to be held with 061.350, 061.418 or ABIZ 3500. Prerequisites: ECON 2450 (or 018.245) and ECON 2470 (or 018.247).

NET CHANGE IN CREDIT HOURS: 0

Program modifications:

ABIZ 3510 Economics of Food Policy will replace ABIZ 3500 in all Requirements for Agricultural and Food Sciences Programs, including: B.Sc. (Agribusiness) Degree Core Course Requirements; B.Sc. (Agribusiness) Degree, Suggested Progression of Program, Third Year; Food Science – Business Option Core; Food Science – Business Option, Suggested Progression of Program, Fourth Year.

Faculty of Architecture

Environmental Design

Modification:

EVLU 4002 Construction Materials Cr.Hrs. 3 0.0

A comprehensive introduction to construction materials, methods and processes. Examination of regulatory issues of human safety and techniques for communicating construction proposals with application to how this information is incorporated into contracts. Field trips to nurseries, quarries, lumber yards, and urban sites where students can observe materials transformed to comply with the requirements of designers.

NET CHANGE IN CREDIT HOURS: 0

School of Art:

Deletions:

FA 2620 Writing About Art Cr.Hrs. 3	-3.0
STDO 1230 Drawing: Figure Study 1 Cr.Hrs. 1.5	-1.5
STDO 1430 Art Now Cr.Hrs. 1.5	-1.5
STDO 2240 Advanced Drawing 1 Cr.Hrs. 6	-6.0
STDO 2450 Introduction to Digital Photography Cr.Hrs. 3	-3.0
STDO 2660 History of Visual Communication 1 Cr.Hrs. 3	-3.0
STDO 3600 Painting 2 Cr.Hrs. 9	-9.0
STDO 3620 Ceramics 2 Cr.Hrs. 9	-9.0

STDO 3610 Video 2 Cr.Hrs. 9	-9.0
STDO 3630 Drawing Cr.Hrs. 9	-9.0
STDO 3650 Sculpture 2 Cr.Hrs. 9	-9.0
STDO 3890 Printmaking 2A Cr.Hrs. 4.5	-4.5
STDO 3900 Printmaking 2B Cr.Hrs. 4.5	-4.5
STDO 3930 Design Studio 3 Cr.Hrs. 4.5	-4.5
STDO 3940 Design Studio 4 Cr.Hrs. 4.5	-4.5
STDO 3960 History of Visual Communication 2 Cr.Hrs. 3	-3.0
STDO 4030 Drawing Workshop Cr.Hrs. 15	-15.0
STDO 4060 Printing Workshop Cr.Hrs. 15	-15.0
STDO 4070 Ceramics Workshop Cr.Hrs. 15	-15.0
STDO 4090 Commercial Problems Cr.Hrs. 15	-9.0
STDO 4110 Painting Workshop Cr.Hrs. 15	-15.0
STDO 4140 Sculpture Workshop Cr.Hrs. 15	-15.0
STDO 4150 Photography Workshop 15	-15.0
STDO 4160 Video Workshop Cr.Hrs. 15	-15.0
STDO 4840 Design Studio 5 Cr.Hrs. 4.5	-4.5
STDO 4860 Design Studio 6 Cr.Hrs. 4.5	-4.5
STDO 4880 Bachelor of Fine Arts Thesis Cr.Hrs. 18	-18.0
STDO 4890 Bachelor of Fine Arts Thesis Seminar Cr.Hrs. 3	-3.0

Introductions:

STDO 1510 Art Now Cr.Hrs.3 +3

Introduction to current activities in art practices through gallery talks/visits, journal writing, formal critique methods and research methodology. It supports FA 1990 (Field Trip) which all first year BFA students must take. Prerequisite to further study in Fine Arts Studio courses. May not be held with STDO 1200 (054.120), STDO 1220 (054.122) or STDO 1430.

STDO 1240 Figure Study 1 Cr.Hrs. 3 +3

Traditional and experimental approaches to rendering the figure, culmination in the production of a portfolio of drawings. Prerequisite to further study in Fine Arts Studio courses. May not be held with STDO 1200 (054.120) or STDO 1230.

STDO 2530 Relief and Monoprints Cr.Hrs. 3 +3

This course introduces the student to working in a printshop environment, using various mediums and methods of creating works on paper. Projects are structured to explore traditional and experimental approaches to monoprinting and relief printmaking. Technical proficiency and skill will require practice and attention to detail. Prerequisites: [STDO 1210, STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270]; or [STDO 1200, STDO 1220, and FA 1270].

STDO 2690 Special Topics in Studio Practice 1 Cr.Hrs. 3 +3

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: [STDO 1210, STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270]; or [STDO 1200, STDO 1220, and FA 1270].

STDO 2710 Interdisciplinary Critique 1 Cr.Hrs. 3 +3

Corequisite with and complementary to 2000-level Studio practice courses. Students will engage in discussion, readings, and critiques based on work produced in practice course.

Prerequisites: STDO 1210 STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270. Corequisite(s): [STDO 2210, STDO 2220, STDO 2230, STDO 2400, STDO 2460, STDO 2250, or STDO 2610] or [STDO 2510 and STDO 2512] or [STDO 2500 and STDO 2502] or [STDO 2520 and STDO 2522] or STDO 2740.

STDO 2740 Open Media Cr.Hrs. 6 +6

This interdisciplinary studio course encourages the research, creation, and presentation of works of a diverse nature. Prerequisites: [STDO 1210, STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270] or [STDO 1200, STDO 1220, and FA 1270].

STDO 2250 Drawing 1 Cr.Hrs. 6 +6

Creative use of drawing with emphasis on the human figure. Prerequisites: [STDO 1210, STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270] or [STDO 1200, STDO 1220, and FA 1270]. May not be held with STDO 2240 (054.224) or 054.220.

STDO 2460 Digital Photography 1 Cr.Hrs. 6 +6

This is a Studio course introducing the basic technical foundation and critical understanding of contemporary photo-based image production. Prerequisites: [STDO 1210, STDO 1230, STDO 1250, STDO 1410, STDO 1430, STDO 1450, STDO 1470, and FA 1270] or [STDO 1200, STDO 1220, and FA 1270]. May not be held with STDO 2450.

STDO 3680 Special Topics in Studio Practice 2 Cr.Hrs. 3 +3

Individual three credit hour courses offered in multiple discipline areas. Courses will provide opportunities for skill building, conceptual development and depth on topics of interest. Prerequisites: will vary depending on the course.

STDO 3920 Design Studio 3 Cr.Hrs. 3 +3

This course builds on students' abilities to solve graphic design problems in visual communications as develop in Design Studio 1, and to increase the repertoire of design problems typically encountered in professional practice. Prerequisite: C+ or better in STDO 2630 and STDO 2640. May not be held with 054.228, 054.347, 054.366, or STDO 3930.

STDO 3910 Design Studio 4 Cr.Hrs. 3 +3

This course builds on students' abilities to solve graphic design problems in visual communications as developed in Design Studio 3, and to increase the repertoire of design problems typically encountered in professional practice. Prerequisite: STDO 3920. May not be held with STDO 3940, 054.347, or 054.366.

STDO 3970 Interdisciplinary Critique 2 Cr.Hrs. 3 +3

Corequisite with and complementary to 3000-level Studio practice courses. Students will engage in discussion, readings, and critiques based on work produced in practice courses. Prerequisites: STDO 2710. Corequisites: [STDO 3330, STDO 3370, STDO 3420, STDO 3460, or STDO 3480] or [STDO 3830 and STDO 3840] or [STDO 3910 and STDO 3920].

STDO 4810 Senior Studio 1 Cr.Hrs. 6 +6

Students develop and complete a self-directed program of Studio work. Regular peer and faculty review of Studio program of work. Taught by individual faculty or two-faculty teams. Open only to students in fourth year Honours. Prerequisite: 21 credit hours of 3000-level Studio courses. May not be held with STDO 4880 or 054.488.

- STDO 4820 Senior Studio 2 Cr.Hrs. 6 +6
 Taken after Senior Studio 1 (STDO 4810) students develop and complete their self-directed program of Studio work. Regular peer and faculty review of Studio program of work. Taught by individual faculty or two-faculty review teams. Open only to students in fourth year Honours. Prerequisite: STDO 4810. Corequisite: STDO 4920. May not be held with STDO 4880 or 054.488.
- STDO 4910 Honours Seminar 1 Cr.Hrs. 3 +3
 This Seminar is taken in the fourth year of the Bachelor of Fine Arts Honours degree as the first of two Honours Seminar courses and taken co-currently with Senior Studio 1 and Senior Studio 2. Issues of professional practice are examined against contemporary art theory. Students document their work and create artists statements and interact with visiting artists. Prerequisite: 21 credit hours of 3000-level Studio courses. Corequisite: STDO 4810. May not be held with STDO 4890 (054.489).
- STDO 4920 Honours Seminar 2 Cr.Hrs. 3 +3
 A continuation of STDO 4910 Honours Seminar 1. Issues of professional practice are examined against contemporary art theory. Students document their work and create artists statements and interact with visiting artists. Prerequisite: STDO 4910. Corequisite: STDO 4820. May not be held with STDO 4890 (054.489).
- FAAH 2930 Writing About Art Cr.Hrs. 3 +3
 This course is designed to give students in Art History and Studio programs the opportunity to develop their writing skills with a focus on academic and critical writing on both historical and contemporary art. The practical needs of professional artists will also be covered. Prerequisites: FAAH 1030, FAAH 1040, or FAAH 1100. May not be held with FA 2620.
- FAAH 3930 Introduction to Curatorial Studies Cr.Hrs. 3 +3
 A survey introduction to the theory and practice of art display and gallery collecting. Prerequisite: FAAH 2080 or by permission of the instructor.
- FAAH 3940 History of Visual Communication Cr.Hrs. 3 +3
 A concentration of the advent of Modernism in visual communication and subsequent graphic design movements in the twentieth century. Prerequisite: STDO 2660 or [FAAH 1030 and FAAH 1040]. May not be held with STDO 3960.
- FAAH 4250 Seminar on Curatorial Studies Cr.Hrs. 3 +3
 Students receive hands-on experience within a critical context of curating an exhibition. Instructional methods include seminar format and practicum in School of Art Gallery. Prerequisites: FAAH 3930 and one 3000-level Art History course or by permission of the instructor.

NET CHANGE IN CREDIT HOURS: -153

Program modifications:

BFA General Degree (current, 100 credit hours)

First Year (37 Credit Hours)		Credit Hours
Course Number		
ENGL 1200	Representative Literary Works	
or		
ENGL 1300	Literature Since 1900	
or		
ENGL 1310	Literary Topics 1	6
FAAH 1030	Introduction to Art 1A	3
FAAH 1040	Introduction to Art 2A	3
STDO 1210	Drawing: Studio 1	3
STDO 1230	Drawing: Figure Study 1	1.5
STDO 1430	Art Now	1.5
STDO 1410	Visual Language	3
STDO 1250	Drawing: Studio 2	3
STDO 1450	Open Studio 1	3
STDO 1470	Materials Studio	3
FA 1270	Health Hazards in the Arts	1
FA 1990	Field Trip	0
	Elective subject(s) from faculties other than the School of Art	6

BFA General Degree (revised, 94 credit hours)

Year 1 (34 credit hours)		Credit Hours
Course Number		
<u>Required courses: fall</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	Field Trip	0
FA 1270	Health Hazards in the Arts	1
FAAH 1030	Introduction to Art 1A	3
<u>Required courses: winter</u>		
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

Second Year (30 or 33 Credit Hours)

Course Number	Credit Hours
Elective Fine Arts Studio	18 or 21
Elective Art History & Theory of Art	6
Elective subject(s) from faculties other than the School of Art	6

Year 2 (30 credit hours)

Course Number	Credit Hours
Fine Art Studio Electives	18
Art History Electives	6
Academic Electives	6

BFA General Degree (current, continued)

Third Year (30 or 33 Credit Hours)		Credit Hours
Course Number		
FA 3440	Field Trip	0
	Elective Fine Arts Studio	12 or 15
	Elective Art History & Theory of Art	12
	Elective subject(s) from faculties other than the School of Art	6

BFA General Degree (revised, continued)

Year 3 (30 credit hours)		Credit Hours
Course Number		
	Fine Art Studio Electives	12
	Art History Electives	12
	Academic Electives	6

BFA Honours Degree (current, 136 credit hours)

First Year (Honours) (37 Credit Hours)		Credit Hours
Course Number		
ENGL 1200	Representative Literary Works	
or		
ENGL 1300	Literature Since 1900	
or		
ENGL 1310	Literary Topics 1	6
FAAH 1030	Introduction to Art 1A	3
FAAH 1040	Introduction to Art 2A	3
STDO 1210	Drawing: Studio 1	3
STDO 1230	Drawing: Figure Study 1	1.5
STDO 1430	Art Now	1.5
STDO 1410	Visual Language	3
STDO 1250	Drawing: Studio 2	3
STDO 1450	Open Studio 1	3
STDO 1470	Materials Studio	3
FA 1270	Health Hazards in the Arts	1
FA 1990	Field Trip	0
	Elective subject(s) from faculties other than the School of Art	6

BFA Honours Degree (revised, 124 credit hours)

Year 1 (34 credit hours)		Credit Hours
Course Number		
<u>Required courses: fall</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	Field Trip	0
FA 1270	Health Hazards in the Arts	1
FAAH 1030	Introduction to Art 1A	3
<u>Required courses: winter</u>		
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

Second Year (Honours) (30 or 33 Credit Hours)

Course Number		Credit Hours
	Elective Fine Arts Studio	18 or 21
	Elective Art History & Theory of Art	6
	Elective subject(s) from faculties other than the School of Art	6

Year 2 (33 credit hours)

Course Number		Credit Hours
	Fine Art Studio Electives	21
	Art History Electives	6
	Academic Electives	6

BFA Honours Degree (current, continued)

Third Year (Honours) (33 Credit Hours)		
Course Number		Credit Hours
FA 3440	Field Trip	0
	Fine Arts Major Course	9
	Elective Fine Arts Studio	6
	Elective Art History & Theory of Art	6
	Elective subject	6
	Elective Fine Arts Studio, Art History and Theory of Art or	
	Elective Subject	6

BFA Honours Degree (revised, continued)

Year 3 (33 credit hours)		
Course Number		Credit Hours
	Fine Art Studio Electives	15
	Art History Electives	12
	Academic Electives	6

Fourth Year (Honours) (33 Credit Hours)

Course Number		Credit Hours
STDO 4880	Bachelor of Fine Arts Thesis	18
STDO 4890	Bachelor of Fine Arts Thesis Seminar	3
	Elective Fine Arts Studio	6
	Elective subject other than Fine Arts studio	6

Year 4 (24 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
	Academic Electives	6

BFA Honours Graphic Design Degree (current, 136 credit hours)

First Year Graphic Design (Honours) (37 Credit Hours)		
Course Number		Credit Hours
ENGL 1200	Representative Literary Works	
or		
ENGL 1300	Literature Since 1900	
or		
ENGL 1310	Literary Topics 1	6
STDO 1200	Fundamentals of Drawing	9
STDO 1220	Basic Design	9
FAAH 1030	Introduction to Art 1A	3
FAAH 1040	Introduction to Art 2A	3
FA 1270	Health Hazards in the Arts	1
FA 1990	Field Trip	0
	Elective subject(s) from faculties other than the School of Art	6

Second Year Graphic Design (Honours) (33 Credit Hours)

Course Number		Credit Hours
STDO 2630	Design Studio 1	3
STDO 2640	Design Studio 2	3
STDO 2650	Digital Design Technology	3
STDO 2660	History of Visual Communication 1	3
STDO 2670	Design Theory & Criticism	3
	Elective Fine Arts Studio	6
	Elective Art History & Theory of Art	6
	Elective subject(s) from faculties other than the School of Art	6

BFA Honours Graphic Design Degree (revised, 124 credit hours)

Year 1 (34 credit hours)		
Course Number		Credit Hours
<u>Required courses: fall</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	Field Trip	0
FA 1270	Health Hazards in the Arts	1
FAAH 1030	Introduction to Art 1A	3
<u>Required courses: winter</u>		
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

Year 2 (30 credit hours)

Course Number		Credit Hours
STDO 2250	Drawing 1	6
STDO 2630	Design Studio 1	3
STDO 2640	Design Studio 2	3
FAAH 3940	History of Visual Communication	3
FAAH 2080	Modern to Contemporary Art	3
STDO 2650	Digital Design Technology	3
STDO 2670	Design Theory & Criticism	3
	Fine Art Studio Electives	3
	Art History Electives	3

BFA Honours Graphic Design Degree (current, continued)

Third Year Graphic Design (Honours) (33 Credit Hours)		
Course Number		Credit Hours
FA 3440	Field Trip	0
STDO 3930	Design Studio 3	4.5
STDO 3940	Design Studio 4	4.5
STDO 3950	New Media Design	3
STDO 3960	History of Visual Communication 2	3
	Elective Fine Arts Studio	6
	Elective Art History & Theory of Art	6
	Elective subject	6

BFA Honours Graphic Design Degree (revised, continued)

Year 3 (33 credit hours)		
Course Number		Credit Hours
STDO 3930	Design Studio 3	3
STDO 3940	Design Studio 4	3
STDO 3950	New Media Design	3
STDO 4860	Design Theory & Criticism 2	3
FA 3440	Field Trip	0
	Art History Electives	6
	Fine Art Studio Electives	6
	Academic Electives	9

Fourth Year Graphic Design (Honours) (33 Credit Hours)

Course Number		Credit Hours
STDO 4840	Design Studio 5	4.5
STDO 4850	Design Studio 6	4.5
STDO 4860	Design Theory & Criticism 2	3
STDO 4870	Production & Professional Practice	3
	Elective Fine Arts Studio	9
	Elective subject other than Fine Arts studio	9

Year 4 (27 credit hours)

Course Number		Credit Hours
STDO 4810	Senior Studio 1	6
STDO 4820	Senior Studio 2	6
STDO 4870	Production & Professional Practice	3
	Art History Electives	3
	Fine Art Studio Electives	6
	Academic Electives	3

Drawing Diploma (current, 106 credit hours)

First Year (25 Credit Hours)		Credit Hours
Course Number		
STDO 1200	Fundamentals of Drawing	9
STDO 1220	Basic Design	9
FAAH 1030	Introduction to Art 1A	3
FAAH 1040	Introduction to Art 2A	3
FA 1270	Health Hazards in the Arts	1
FA 1990	Field Trip	0

Drawing Diploma (revised, 106 credit hours)

Year 1 (28 credit hours)		Credit Hours
Course Number		
<u>Required courses: fall</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	Field Trip	0
FA 1270	Health Hazards in the Arts	1
FAAH 1030	Introduction to Art 1A	3
<u>Required courses: winter</u>		
STDO 1250	Drawing: Studio 2	3
STDO 1450	Open Studio 1	3
STDO 1470	Materials Studio	3
FAAH 1040	Introduction to Art 2A	3

Drawing Diploma (current, continued)

Second Year (27 Credit Hours)		
Course Number		Credit Hours
STDO 2220	Painting 1	6
21 credit hours from the following:		
STDO 2210	Sculpture 1	6
STDO 2230	Ceramics 1	6
STDO 2240	Advanced Drawing 1	6
STDO 2400	Photography 1	6
STDO 2500	Intaglio A	3
STDO 2502	Intaglio B	3
STDO 2510	Silkscreen A	3
STDO 2512	Silkscreen B	3
STDO 2520	Lithography A	3
STDO 2522	Lithography B	3
STDO 2610	Video 1	6
STDO 2630	Design Studio 1	3
STDO 2640	Design Studio 2	3

Drawing Diploma (revised, continued)

Year 2 (27 credit hours)		
Course Number		Credit Hours
Any 24 credit hours of these Studio courses:		
STDO 2220	Painting 1	6
STDO 2210	Sculpture 1	6
STDO 2230	Ceramics 1	6
STDO 2500 or 2502	Intaglio A/B	3/3
STDO 2510 or 2512	Silkscreen A/B	3/3
STDO 2520 or 2522	Lithography A/B	3/3
STDO 2250	Drawing 1	6
STDO 2630 or 2640	Design Studio 1/2	3/3
STDO 2610	Video 1	6
Fine Arts Electives		3

Third and Fourth Years (27 Credit Hours)

Course Number		Credit Hours
FA 3440	Field Trip	0
STDO 3830	Advanced Printmaking A	3
STDO 3840	Advanced Printmaking B	3
STDO 3420	Advanced Painting	6
STDO 3630	Drawing	9
STDO 4030	Drawing Workshop	15
A minimum of three elective Fine Arts courses		18

Year 3 (27 Credit Hours)

Course Number		Credit Hours
Any 24 credit hours of these Studio courses:		
STDO 3330	Advanced Drawing 2	6
STDO 3370	Advanced Ceramics	6
STDO 3420	Advanced Painting	6
STDO 3460	Advanced Sculpture	6
STDO 3480	Advanced Photography	6
STDO 3830 or 3840	Advanced Printmaking A/B	3/3
FA 3440	Field Trip	0
Fine Arts electives		3

Drawing Diploma (revised, continued)

Year 4 (24 Credit Hours)		Credit Hours
Course Number		
Any 12 credit hours of these Studio courses:		
STDO 4450	Advanced Drawing 3	6
STDO 4520	Advanced Ceramics 2	6
STDO 4530	Advanced Painting 2	6
STDO 4550	Advanced Sculpture 2	6
STDO 4700	Advanced Photography 2	6
<u>Required:</u>		
STDO 4810	Senior Studio 1	6
STDO 4820	Senior Studio 2	6

Faculty of Arts

Anthropology

Deletion:

ANTH 3350 Anthropology of Sex and Sexualities (B) Cr.Hrs. 6 -6

Introduction:

ANTH 3330 Sex and Sexualities (B) Cr.Hrs. 3 +3

Comparative approaches to the study of human sexuality and the diversity of sexual expression and identification from a feminist and cross-cultural ethnographic perspective. Sex and sexualities are examined as social and cultural constructions, experiences, discourses, identities, and practices located in specific local contexts and shaped by wider social processes including colonialism and globalization. This course is also offered as WOMN 3330. Students may not hold credit for ANTH 3330 and any of: WOMN 3330 or the former ANTH 3350 or WOMN 3500 (156.350) with the topic "Anthropology of Sex and Sexualities." Prerequisite: [a grade of "C" or better in a minimum of three credit hours of Anthropology or Women's and Gender Studies courses] or written permission of instructor.

NET CHANGE IN CREDIT HOURS: -3

Asian Studies

Introduction:

ASIA 2750 Intermediate Korean Cr.Hrs. 6 +6
(Lab required) A continuation of the study of spoken and written Korean for students who have successfully completed ASIA 1750. Students will be taught advanced pronunciation, vocabulary, and grammar. Students who have received all or a portion of their elementary or secondary education in the Korean language may not normally enrol except by special permission of the instructor. Prerequisite: [a grade of "C" or better in ASIA 1750] or written consent of instructor.

Modification:

ASIA 1750 Introduction to Korean Cr.Hrs. 6 0
(Lab required) An introduction to spoken and written Korean for students with little or no previous knowledge of the language. Students will be taught basic pronunciation, vocabulary, and grammar, as well as the Hangul writing system. Students who have received all or a portion of their elementary or secondary education in the Korean language may not normally enrol. Not open to students who have previously obtained credit in ASIA 2750.

NET CHANGE IN CREDIT HOURS: +6

Program modification:

The program is proposing that ASIA 2750 Intermediate Korean be added to List A Courses Acceptable for Asian Studies Credit.

Central and East European Studies

Program modification:

The program is proposing that HIST 2080 The Byzantine Empire and the Slavic World (D) be added to the List of Approved Courses in Central and European Studies.

English, Film, and Theatre

Program Modifications:

The program is proposing that the Drama General Major and Advanced Major programs be renamed Theatre General Major and Advanced Major.

The program is proposing that the Theatre Program Notes be modified to identify topics courses that may be taken for credit more than once and to recommend that, in the Advanced Major program, students complete a three (3) credit hour theory course.

English, Film, and Theatre
2011-2012 Undergraduate Calendar

- Drama General Major and Advanced Major programs are being renamed to Theatre General Major and Advanced Major
- Footnotes 1 and/or 2 are being added to the Theatre General Major, Advanced Major and Minor (Concentration) programs

Added material

Deleted material

8.10.11 Drama

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR² TOTAL: 30 CREDIT HOURS			
THTR 1220	<ul style="list-style-type: none">• THTR 2160, THTR 2470 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 6 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 3 additional credit hours from Theatre courses listed below and/or from List A		
ADVANCED MAJOR^{2,3} TOTAL: 54 CREDIT HOURS			
THTR 1220; ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	<ul style="list-style-type: none">• THTR 2160, THTR 2470 and ENGL 2960 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 12 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 12 additional credit hours from Theatre courses listed below and/or from List A		

8.10.8 Theatre

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR¹ TOTAL: 30 CREDIT HOURS			
THTR 1220	<ul style="list-style-type: none">• THTR 2160; THTR 2470 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 6 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 3 additional credit hours from Theatre courses listed below and/or from List A		
ADVANCED MAJOR^{1,2} TOTAL: 54 CREDIT HOURS			
THTR 1220; ENGL 1200 or ENGL 1300 (or the former 004.126) or both ENGL 1310 and ENGL 1340	<ul style="list-style-type: none">• THTR 2160; THTR 2470 and ENGL 2960 plus 6 credit hours from THTR 2150, THTR 2170, THTR 2180, THTR 2490• 12 credit hours from THTR 2480, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640• 12 additional credit hours from Theatre courses listed below and/or from List A		

MINOR (CONCENTRATION) ¹ TOTAL: 18 CREDIT HOURS		
THTR 1220	• 12 credit hours from THTR 2150, THTR 2160, THTR 2170, THTR 2180, THTR 2470, THTR 2480, THTR 2490, THTR 2600, THTR 2610, THTR 3460, THTR 3470, THTR 3610, THTR 3620, THTR 3630, THTR 3640	
NOTES: ¹ Note that 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.		

**List of Specified Courses for Drama Major
(General and Advanced)**

English, Film, and Theatre		
THTR 1220	Introduction to Theatre	6
THTR 2150	Theatrical Techniques: Onstage	6
THTR 2160	Theatrical Techniques: Backstage	6
THTR 2170	Specialized Practical Training 1	3
THTR 2180	Specialized Practical Training 2	3
THTR 2470	Fundamentals of Dramatic Analysis	3
THTR 2480	Theatre History	3
THTR 2490	Specialized Practical Training 3	3
THTR 2600	Special Studies 1	3
THTR 2610	Special Studies 2	3
THTR 3460	Theory of Drama and Performance	3
THTR 3470	Text and Performance	3
THTR 3610	Special Studies 3	3
THTR 3620	Special Studies 4	3
THTR 3630	Theatre Practicum 1	3
THTR 3640	Theatre Practicum 2	6

List A

English, Film, and Theatre		
ENGL 1200	Representative Literary Works	6
ENGL 1300	Literature since 1900	6
ENGL 2270	Canadian Literature	6
ENGL 2760	Introductory Creative Writing	3
ENGL 2960	Drama 1	3
ENGL 3010	Shakespeare	6
ENGL 3500	Creative Writing [not available for credit with ENGL 2760]	6
ENGL 3520*	Studies in the Forms of Discourse	3
ENGL 3790	Advanced Creative Writing [not available for credit with ENGL 2760]	6
ENGL 3960	Drama 2	3
ENGL xxxx	English, Film, and Theatre Department Special Studies courses approved in advance by the chair of the Theatre Program.	
004.126*	Twentieth-Century Literature in English	6
004.235*	American Literature of the Twentieth Century	6
004.238*	Practical Criticism	6
004.244*	Twentieth-Century British Literature	6
004.250*	Poetry and Prose of the Sixteenth Century	3
004.251*	Elizabethan and Jacobean Drama	3
004.297*	Drama 2	3
004.310*	Studies in Shakespeare	6
004.322*	Shakespeare 1 (Introductory Topics)	3
004.323*	Shakespeare 2 (Advanced Topics)	3
004.332*	Shakespeare	6
004.333*	Drama	6
004.353*	Forms of Discourse	6
004.359*	Fourteenth-Century Literature	3

* Indicates courses no longer offered.

The content of English "Studies" courses varies from year to year; when the proportion of dramatic literature studied is acceptably high, that offering of the course may be used for credit toward a Drama/Theatre Major; this is frequently the case with the former 004.311 Studies in Renaissance Literature, and the former 004.326 Studies in the Restoration and Eighteenth Century.

English, Film, and Theatre		
FILM 1290	The Art of the Film 1	3
FILM 1300*	The Art of the Film 2	3
FILM 1310	Film History	3
FILM 2280	Film and Literature	6
FILM 2300	The Popular Film	3
FILM 2330	Film and Contemporary Thought	3
FILM 2370	Experimental Cinema	3
FILM 2380	The International Cinema 1	3
FILM 2390	The International Cinema 2	3
FILM 2400	The American Film to 1950	3
FILM 2410	The American Film from 1950	3
FILM 2420	Realism and Film	3
FILM 2430	The Canadian Film	3
FILM 2460	Film Genres	3
FILM 3250	Selected Topics in Film 1	3
FILM 3260	Selected Topics in Film 2	3
FILM 3270	Special Topics in Film 3	6
FILM 3400	The Director's Cinema 1	3
FILM 3410	The Director's Cinema 2	3
FILM 3420	Film Theory	3
FILM 3430	Screenwriting	3
FILM 3440	Filmmaking	3
FILM 3450	The Animated Film	3
FILM 3460	Acting for the Camera	3
099.121*	The Art of the Film	6
099.224*	Studies in the Experimental Cinema	6
099.226*	Studies in the International Cinema	6
099.227*	The American Film	6
099.231*	The Documentary and Canadian Film	6
099.232*	Film Genres	6
099.320*	Studies in the Director's Cinema	6
099.328*	The Theory and History of Narrative Film	6

* Indicates courses no longer offered.

French, Spanish and Italian

Modification:

SPAN 2550 Advanced Spanish Composition Cr.Hrs. 3

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

NET CHANGE IN CREDIT HOURS: 0

Linguistics

Modification:

LING 1440 Rules of English Grammar Cr.Hrs. 3

0

(Formerly 126.144) What are the criteria that are used to distinguish "good" from "bad" grammar? What are the rules we need to know in order to speak and write "properly"? In focusing on basic concepts in traditional grammar, this course reviews parts of speech, the English tense system, sentence types (active vs. passive), question formation and types of embedded clauses. It examines the rules of traditional grammar and explores the linguistic structures that lie behind the rules. This course is not intended for students learning English; it presupposes native or near-native competence in English. Not open to students who are currently enrolled in, or have previously obtained credit in LING 2200 (126.220).

Psychology

Program modifications:

The department is proposing program modifications to the Honours Single Program: increasing the required credit hours from 114 to 120. Year 3 – modifying the requirement for “15 credit hours in Psychology courses” to specify “12 credit hours in Psychology courses numbered at the 2000 or 3000 level” and “3 credit hours in Psychology courses numbered at the 4000 level or one of: PSYC 3520, PSYC 3560 or PSYC 3590.” Year 4 – increasing requirement for “6 credit hours in Psychology courses” to “9 credit hours in Psychology courses at the 2000 or 3000 level” and adding “3 credit hours in free options.”

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

Added material
~~Deleted material~~

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS SINGLE⁴			
PSYC 1200 or PSYC 1211 and PSYC 1221	<ul style="list-style-type: none"> • PSYC 2250 and PSYC 2260 • 6 credit hours in Psychology courses numbered at the 2000 or 3000 level: (3 hours from each of two different lettered menu categories)¹ • 15 credit hours in ancillary options² • 3 credit hours in free options³ 	<ul style="list-style-type: none"> • 3 credit hours from PSYC 3340 or PSYC 3630 • PSYC 3200 • <u>12 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)</u> • <u>15 credit hours in Psychology courses (3 hours each of at least two different lettered menu courses not taken in Year 2)</u> • <u>3 credit hours in Psychology courses numbered at the 4000 level or one of: PSYC 3520, PSYC 3560 or PSYC 3590</u> • 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 • <u>9.6 credit hours in Psychology courses numbered at the 2000 or 3000 any-level, including any remaining menu category</u> • <u>3 credit hours in free options³</u> • 6 credit hours in ancillary options²
<p>NOTES:</p> <p>¹ Lettered menu categories are as follows:</p> <p>Category A: Personality/Social PSYC 2410, PSYC 2420, PSYC 3450, PSYC 3460</p> <p>Category B: Developmental PSYC 2290, PSYC 2310, PSYC 2370</p> <p>Category C: Learning PSYC 2440, PSYC 2470</p> <p>Category D: Cognitive PSYC 2480, PSYC 3160, PSYC 3170, PSYC 3441, PSYC 3580, PSYC 3610</p> <p>Category E: Biological PSYC 2360, PSYC 3350, PSYC 3430</p> <p>² Ancillary options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (excluding Psychology courses).</p> <p>³ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Arts (including Psychology courses).</p> <p>⁴ Honours courses: PSYC 3340 and all 4000 level courses.</p>			

Religion

Modification:

RLGN 2680 Women and Religion 1 (C) Cr.Hrs. 3 0
(Formerly 020.268) Content of this course may vary from year to year. It will address, through contemporary interpretive models, topics of current and ongoing interest in relation to the understanding and role of women in the world's religious traditions. Students may not hold credit for both RLGN 2680 (020.268) and RLGN 2681.

NET CHANGE IN CREDIT HOURS: 0

Sociology

Introduction:

SOC 3450 Sociological Perspectives on the Social Determinants of Health Cr.Hrs. 3 +3
This course will apply a sociological perspective to a critical and theoretically informed study of the social structures influencing personal and population health, including intersections of class, gender, ethnicity, and aging as sources of health inequities. 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

Ukrainian Canadian Heritage Studies

Modification:

UCHS 3100 The Ukrainian Arts in Canada Cr.Hrs. 3 0
(Formerly 155.310) A study of varied aspects of artistic performance and production among Ukrainians in Canada, past and present: music, theatre, dance, cinema, fine arts and architecture. The course will focus on crucial trends and processes and adopt an evaluative approach in its exploration of the above artistic phenomena.

NET CHANGE IN CREDIT HOURS: 0

Women's and Gender Studies

Introduction:

WOMN 3330 Sex and Sexualities Cr.Hrs. 3 +3
Comparative approaches to the study of human sexuality and the diversity of sexual expression and identification from a feminist and cross-cultural ethnographic perspective. Sex and sexualities are examined as social and cultural constructions, experiences, discourses, identities, and practices located in specific local contexts and shaped by wider social processes including colonialism and globalization. This course is also offered as ANTH 3330. Students may not hold credit for WOMN 3330 and any of: ANTH 3330 or the former ANTH 3350 or WOMN 3500 (156.350) with the topic "Anthropology of Sex and Sexualities." Prerequisite: [a grade of "C" or better in a minimum of three credit hours of Women's and Gender Studies or Anthropology courses] or written permission of instructor.

Program Modification:

Women's and Gender Studies

2011-2012 Undergraduate Calendar

- Modifying List A

Added material

~~Deleted material~~

List A

Faculty of Arts

Anthropology

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

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

* Indicates course no longer offered.

Music

The faculty is proposing the deletion of the Faculty of Arts Advanced Major in Music.

Faculty of Dentistry

Deletion:

RSTD 1540 Introduction to Dentistry Cr.Hrs. 3 -3

Introductions:

DENT 1210 Dental Practice Management 1 Cr.Hrs. 1 +1

This course is an introduction to the Dental Practice Management curriculum which is distributed throughout the four year program. It comprises the modules on the Essentials of Effective Leadership and Strategic Leadership; Managing the Workplace and Conflict Resolution; Essential of Interpersonal Communication Skills; and Team Building.

RSTD 1550 Introduction to Dentistry Cr.Hrs. 2 +2

A series of lectures and seminars which introduce the student to the profession, its structure and governance. Professionalism, dental ethics and communication skills are also introduced. May not be held with RSTD 1120 (102.112) or RSTD 1540. Course is evaluated on a pass/fail basis.

NET CHANGE IN CREDIT HOURS: 0

Program modifications:

Proposed changes to integrate the Dental Practice Management (DPM) courses and module into the curriculum:

Special Considerations for the Change:

Considerable effort was expended reviewing available time and looking for areas of unnecessary repetition throughout the dentistry program. The following text highlights the proposed changes that will allow integration of the new DPM Courses and Module, without a concurrent increase in student instruction time or work load:

D1

- Take 15 hours out of RSTD 1540 – Introduction to Dentistry due to overlapping content
 - Currently 45 contact hours, reduced to 30 contact hours
- Introduce new 15 hour DPM-1 course
- Net Time Change = Neutral
 - Reductions in time: 15 hrs (RSTD 1540)
 - Additions to time: 15 hrs (DPM-1)

D2

- No new DPM course due to curriculum overload
- However, 5 hours of time within the DENT 2430 – Introduction to Comprehensive Care course will be re-planned for the communications component of the DPM curriculum. This will be called the DPM-2 Communications Module within DENT 2430.
- Net Time Change = Neutral
 - Reductions in time: 5 hrs (DENT 2430)
 - Additions to time: 5hrs (content changed to DPM-2)

D3

- Move 15 hours of PDSD 3140 – Dental Public Health to a new course in D4 (geriatrics/prevention)
 - Remove 1 hour of duplicated content from PDSD 3140 – Dental Public Health
- Remove 5 hours communications instruction from RSTD 3090 – Removable Prosthodontics
- Introduce new 15 hour DPM-3 course
- Net Time Change = -6 hours (saved time)
 - Reductions in time: 21 hours (PDSD 3140), 5 hours RSTD 3090 – Removable Prosthodontics
 - Additions to time: 15 hours (DPM-3)

D4

- Reduce 10 hours from existing RSTD 4170 – DPM (from existing 40 hours to 30 hours)
- Remove 6 hours of communications from DENT 4020 – Interdisciplinary Case Studies
- Move 15 hours of PSDS 3140 content to a new course in D4 (geriatrics/prevention)
- Net Time Change = -1 hour (saved time)
 - Reductions in time: 16 hrs (10=DPM-4, 6 = DENT 4020)
 - Additions to time: 15 hrs (PDSD 3140)

Details of Proposed new Courses:

Please see the attached 2 course outlines for details on the planned educational content and methods.

Faculty of Education

Deletion:

EDUB 1810 Computer-Based Multimedia in Education Cr.Hrs. 3 -3

Introduction:

EDUB 1610 CyberPedagogy: Technology Production in Education Cr.Hrs. 3 +3

An examination of technologies in education focusing on the production, and creation of educational computer-based new media. Not to be held with EDUB 1810, or EDUB 1840 or EDUB 5220 where the title is CyberPedagogy: New Media in Education.

EDUB 1612 Adult ESL Curriculum and the Canadian Language Benchmarks Cr.Hrs. 3 +3

This course will examine the Canadian Language Benchmarks and its use in adult EAL programs. Attention will paid to the following areas: format, features, and key principles of the CLB, communicative competence, language tasks and task-based instruction, thematic module planning, language assessment and evaluation. Not to be held with EDUB 1840 or EDUB 5220 where the title is Adult EAL and the Canadian Language Benchmarks.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Engineering

Civil Engineering

Modifications:

CIVL 3590 Numerical Methods in Engineering Analysis Cr.Hrs. 3 0

(Formerly 023.359) Variety of numerical techniques applicable to solutions or problems in civil engineering. Students may not hold credit for CIVL 3590 (023.359) and MATH 2120 (or 136.212). Prerequisite: COMP 1010 (or 074.101) or COMP 1012. Pre- or co-requisites: MATH 2132, MATH 2100 (or 136.210).

CIVL 3710 Finite Element Analysis Cr.Hrs. 3 0

(Formerly 023.371) One-dimensional analysis of fluid flow, seepage and heat transfer; truss, beam and frame elements; two-dimensional problems; isoparametric elements and Gauss quadrature; time-dependent problems, diffusion, consolidation, and time integration methods; introduction to commercial packages; solution of problems in civil engineering (seepage, dams, pavements). Prerequisites: CIVL 2790 (or 023.279), CIVL 2800 (or 023.280), CIVL 3590 (or 023.359) or MATH 2120.

NET CHANGE IN CREDIT HOURS: 0

Electrical and Computer Engineering

Introduction:

ECE 4360 High Voltage Engineering Cr.Hrs. 4 +4

The course serves as an introduction to high voltage engineering, including basics of electrical breakdown, high voltage generation, high voltage test systems, measurement and analysis

techniques as applied to power system apparatus such as cables, insulators, transformers, and generators. Prerequisites: ECE 3580, ECE 3720.

Modification:

ECE 4150 Control Systems Cr.Hrs. 4

0

Principal methods of analysis and design for feedback control systems. Prerequisites: ECE 2160, 3540, 3780.

NET CHANGE IN CREDIT HOURS: +4

Program modifications:

The Department of Electrical and Computer Engineering is proposing the following program modifications. The course ECE 3540 Advanced Circuit Analysis and Design (4) will be removed from the core Computer Engineering Program and will be replaced with a second science elective slot. As stipulated in the Undergraduate Calendar, the science elective courses are to be chosen from a list of courses approved by the department. The department adapts the list annually in response to course offerings through the Faculty of Science. The course ECE 3540 will now be offered as a technical elective in the Computer Engineering program. It remains a core course for the Electrical Engineering program.

Computer Engineering Standard Program 4 year plan

Year 1 Term 1	ENGG 1000 (3) Structure & Modelling in Mechanical Engineering	PHYS 1050 (3) Physics 1: Mechanics	MATH 1510 (3) Calculus	MATH 1510 (3) Calculus	ENGG 1440 (3) Introduction to Engineering	COMP 1012 (3) Computer Science 1
Year 1 Term 2	ENGG 1310 (3) English	ENGG 1430 (3) Design in Engineering	MATH 1710 (3) Calculus	MATH 1710 (3) Calculus	ENGG 1450 (3) Introduction to Thermal Sciences	COMP 1012 (3) Computer Science 1
Year 2 Term 1	ENGG 2010 (3) Technical Comm.	MATH 2100 (3) Eng. Math. Analysis 1	MATH 2100 (3) Eng. Math. Analysis 1	MATH 2100 (3) Eng. Math. Analysis 1	ECE 2202 (3) Digital Logic Systems	COMP 2150 (3) Object Orientation
Year 2 Term 2	PHYS 2102 (3) Modern Physics for Engineers	MATH 3102 (3) Eng. Math. Analysis 2	ECE 2102 (3) Eng. Math. Analysis 2	ECE 2102 (3) Eng. Math. Analysis 2	ECE 2102 (3) Eng. Math. Analysis 2	COMP 2150 (3) Object Orientation
Year 3 Term 1	MATH 3120 (3) Statistics for Engineers	ECE 2700 (3) Signal Processing 1	ECE 2700 (3) Signal Processing 1	ECE 2700 (3) Signal Processing 1	ECE 2700 (3) Signal Processing 1	COMP 3010 (3) Distributed Computing
Year 3 Term 2	ENGG 2430 (3) Technology & Society	ECE 3430 (3) Operating Systems	ECE 3430 (3) Operating Systems	ECE 3430 (3) Operating Systems	ECE 3430 (3) Operating Systems	COMP 3010 (3) Distributed Computing
Year 4 Term 1	ENGG 4000 (3) Engineering Economics	ECE 4000 (3) Group Design Project	ECE 4000 (3) Group Design Project	ECE 4000 (3) Group Design Project	ECE 4000 (3) Group Design Project	COMP 3010 (3) Distributed Computing
Year 4 Term 2						COMP 3010 (3) Distributed Computing

* Students take either ECE 4260 Communication Systems or ECE 4150 Control Systems

** Technical Electives:

- 1 Computer Engineering elective is required.
- 1 Computer Engineering elective is required.
- 1 Computer Science elective is required.

Computer Engineering Program Technical Electives

Computer Engineering Technical Elective courses: *must take 1*

- ECE 3750 System Engineering Principles 2
- ECE 3770 Digital Systems Design 2
- ECE 4250 Digital Communications
- ECE 4420 Digital Control
- ECE 4440 Computer Vision
- ECE 4520 Simulation & Modelling
- ECE 4530 Parallel Processing
- ECE 4540 Wireless Networks
- ECE 4xxx Performance Evaluation for Communications and Computer Engineering
- ECE 4850 - 4880 Contemporary Topics in ECE

Computer Science Technical Elective courses: *must take 1*

- COMP 2150 Object Orientation
- COMP 2160 Programming Practices
- COMP 3010 Distributed Computing
- COMP 3020 Human Computer Interaction 1
- COMP 3190 Intro. Artificial Intelligence
- COMP 3290 Intro. Compiler Construction
- COMP 3380 Database Concepts & Usage
- COMP 3490 Computer Graphics 1
- COMP 4020 Human Computer Interaction 2
- COMP 4140 Introduction to Cryptography and Cryptosystems
- COMP 4360 Machine Learning
- COMP 4490 Computer Graphics 2
- COMP 4580 Computer Security
- COMP 4720 Computer Networks 2

Electrical Engineering Technical Elective courses: *must take 1*

- ECE 3540 Advanced Circuit Analysis and Design
- ECE 3580 Foundations of Electromagnetics
- ECE 3600 Physical Electronics
- ECE 3720 Electric Power & Machines
- ECE 4100 Microelectronic Fabrication
- ECE 4150 Control Systems
- ECE 4260 Communication Systems
- ECE 4380 Signal Processing 2
- ECE 4390 Engineering Computations 4E
- ECE 4610 Biomedical Instrumentation & Signal Processing

Free Elective Courses

Can be taken any term.

Computer Science Elective

Computer Science Elective

Natural Science Elective

Natural Science Elective

Allowed Natural Science Course Electives for the Computer Engineering Program

Program Requirements:

- 2 Natural Science Electives must be taken.
- 1 or 2 may be taken from the Group A list.
- 1 or 0 may be taken from the Group B list.

Group A Science Electives:

CHEM 1310 Introduction to Physical Chemistry
 PHYS 2600 Electromagnetic Field Theory
 PHYS 3630 Electro - and Magnetostatic Theory

Group B Science Electives:

BIOL 1020 Biology 1: Principles & Themes
 BIOL 1300 Economic Plants
 BIOL 1410 Anatomy of the Human Body
 CHEM 1320 Introduction to Organic Chemistry
 ENTM 2050 Introduction to Entomology
 GEOL 1340 The Dynamic Earth
 GEOL 2250 Geology for Engineers
 MBIO 1220 Essentials of Microbiology
 PHYS 1810 General Astronomy 1
 PHYS 1820 General Astronomy 2
 PHYS 2260 Optics
 PHYS 2380 Quantum Physics 1
 PHYS 2650 Classical Mechanics 1
 PHYS 3180 Stars
 PHYS 3220 Medical Physics and Physiological Measurement

Computer Engineering Areas of Focus

Embedded Systems Area:

This subject area involves the analysis, design, and implementation of algorithms, hardware, and software to form subsystems capable of performing one or many dedicated functions, often in real time, in many applications.

Required Courses

ECE 3740 Systems Engineering Principles 1
ECE 3760 Digital System Design 1
ECE 4240 Microprocessor Interfacing
ECE 4740 Digital System Implementation
COMP 3430 Operating Systems

Elective Courses (take one from the list)

COMP 2160 Programming Practices
COMP 3020 Human-Computer Interaction 1

Machine Vision Area:

This subject area involves the specification, analysis, design, and optimization of architectures, algorithms/protocols, and operation/maintenance/management of systems and networks, dealing with digital images.

Required Courses

ECE 3790 Engineering Algorithms
ECE 4440 Computer Vision
ECE 4830 Signal Processing II
COMP 3490 Computer Graphics I

Elective Courses (take two from the list)

ECE 4610 Biomedical Instrumentation and Signal Processing
COMP 3020 Human-Computer Interaction 1
COMP 4020 Human-Computer Interaction 2
COMP 4360 Machine Learning

Communication Networks Area:

This subject area involves the specification, analysis, design and optimization of architectures, algorithms and protocols, and operation/maintenance/management of communications systems and networks, including both wired and wireless networks.

Required Courses

ECE 3700 Telecommunications Network Engineering
ECE 3790 Engineering Algorithms
ECE 4240 Microprocessor Interfacing
ECE 4260 Communications Systems

Elective Courses (take two from the list)

ECE 4250 Digital Communications
ECE 4520 Simulation and Modeling
ECE 4540 Wireless Networks
ECE 4xxx Performance Evaluation for Communications and Computer Engineering

Mechanical and Manufacturing Engineering

Introduction:

MECH 4472 Mechanical Vibration Cr.Hrs. 4

+4

Nonlinear vibrations: mathematical theory for lumped vibratory systems; response of systems to nonharmonic excitation; solutions by Laplace transforms and Fourier analysis; introduction to the matrix formulation of vibration problems and vibration of distributed systems. Prerequisite: MECH 3420. May not be held for credit with 025.447.

Modifications:

MECH 3482 Kinematics and Dynamics Cr.Hrs. 4

0

Fundamentals of 2D and 3D rigid body motions (kinematics) and the forces/moments (kinetics) needed to produce such motions. Applications will emphasize elements of machine design.

Prerequisites: PHYS 1050, ENG 1440, [COMP 1012 or COMP 1010] and [MATH 1710 or MATH 1700]. Not to be held for credit with MECH 2120 or MECH 3480.

MECH 3492 Fluid Mechanics and Applications Cr.Hrs. 4

0

The angular momentum principle, introduction to differential analysis of fluid motion, internal and external incompressible viscous flow, fluid machinery and multiple-path systems, fluid coupling and torque couplings and torque converters. Prerequisites: PHYS 1050, ENG 1440, [COMP 1012 or COMP 1010], and [MATH 1710 or MATH 1700] and [MECH 2262 or MECH 2260]. Not to be held for credit with MECH 3490.

NET CHANGE IN CREDIT HOURS: +4

Faculty of Human Ecology

Human Nutritional Sciences

Modification:

FMLY 4012 Social Development Policies Cr.Hrs. 3

0

This course examines the formulation of social development policies and the impact of these policies on the well-being of individuals, families, and communities. The course uses a seminar format to foster students' capacity to understand, analyze and formulate social development policies. Actual social development case studies will be evaluated and alternative family and community oriented policies will be discussed. Not be held with FMLY 3900. Prerequisite: FMLY 1012.

NET CHANGE IN CREDIT HOURS: 0

Human Nutritional Sciences

Modifications:

HNSC 3300 Vitamins and Minerals in Human Health Cr.Hrs. 3

0

(Formerly 030.330) The physiological importance of vitamins and minerals in the human body, including factors affecting dietary requirements, metabolism and roles in disease progression and prevention. Prerequisites: [CHEM 2780 or MBIO 2780 (002.278 or 060.278) or CHEM 2370 or MBIO 2370 (002.237 or 060.237)] and HNSC 2140 (030.214) and [BIOL 1412 or 2420 (ZOOL 1330 or 2540, 022.133 or 022.254.)]. Not to be held with the former 030.426.

HNSC 3310 Macronutrients in Human Health Cr.Hrs. 3 (Formerly 030.331) Macronutrient functions and metabolic roles in human health, including the prevention and pathogenesis of various diseases. Prerequisites: [CHEM 2780 or MBIO 2780 (002.278 or 060.278) or CHEM 2370 or MBIO 2370 (002.237 or 060.237)] and HNSC 2140 (030.214) and [BIOL 1412 or 2420 (ZOOL 1330 or 2540, 022.133 or 022.254)]. Not to be held with former 030.325.	0
HNSC 3342 Management for Food and Nutrition Professionals Cr.Hrs. 3 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 1200 (030.120) and [GMGT 1010 or GMGT 2030 (027.203)].	0
HNSC 4364 Food Industry Option Practicum Cr.Hrs. 6 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 one of GMGT 1010 or GMGT 2030. Application to department is required. Limited enrolment.	0
HNSC 4290 Food, Nutrition, and Health Policies Cr.Hrs. 3 (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 (030.213) and HNSC 2150 (030.215) and STAT 2000 (005.200).	0

NET CHANGE IN CREDIT HOURS: 0

Program modifications:

For the Bachelor of Science (Human Nutritional Sciences) Food Industry Option, the requirement to complete GMGT 2030 Administrative Theory (3) or GMGT 2070 Introduction to Organizational Behaviour (3) or GMGT 2080 Introduction to Management and Organization (3) will be deleted. Students will instead be required to complete GMGT 1010 Business and Society (3) or GMGT 2030 Administrative Theory (3).

For the Bachelor of Science (Human Nutritional Sciences) Food Industry Management Concentration, the requirement to complete GMGT 2080 Introduction to Management and Organization Theory (3) will be removed. Students will instead be required to complete GMGT 2060 Management and Organization Theory (3).

Food Industry Option, Human Nutritional Sciences (Faculty of Human Ecology)

FOOD 4310	Introduction to HACCP	3
GMGT 2030 (or GMGT 2070 or GMGT 2080)	Administrative Theory	3
<i>GMGT 1010 or GMGT 2030</i>		3
HNSC 3260	Food Quality Evaluation	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

Food Industry Management Concentration (15 cr hrs)

Choose 15 credit hours from:

ACC 1100	Introductory Financial Accounting	3
GMGT 2080	Introduction to Management and Organization Theory	3
<i>GMGT 2060</i>	<i>Management and Organization Theory</i>	3
GMGT 3010	Management Decision-Making	3
HRIR 2440	Human Resource Management	
MKT 3220	Marketing Research	3
HNSC 3342	Management for Food and Nutritional Professionals	3
GMGT 3XXX 3000 level		3

Textile Sciences

Modifications:

TXSC 2630 Pattern Development in an Industrial Environment Cr.Hrs. 3 0

This course covers the process of communicating product design through pattern development. Students will learn the terminologies of pattern development, techniques of pattern development and manipulation, and the importance of anthropometry in creating apparel to suit its end uses. Prerequisites: TXSC 2500; TXSC 2600 (064.260). Not to be held with the former 064.348.

TXSC 4500 Advanced Textiles for the Healthcare Sector Cr.Hrs. 3 0

Covers the latest developments in technical textiles for the healthcare sector and the measurement of attributes which are essential to the performance of textiles for medical or healthcare end uses. Prerequisites: A grade of "C" or better in: [TXSC 2600 (064.260)] and [TXSC 2610 (064.261)] and [TXSC 3620 (064.362)] and [TXSC 3500 (064.350)].

NET CHANGE IN CREDIT HOURS: 0

Interdisciplinary Health Program

Introduction:

HEAL 1600 Health and Health Professions Cr.Hrs. 3 +3

(Formerly BIOL 1110) Students discuss the inter-relationship between health, health determinants, and the impact that sciences, health-science, behavioural-social sciences, and technology, have on health care and the health professions. Participants will consider their own roles as health care consumers. Not to be held with BIOL 1110.

NET CHANGE IN CREDIT HOURS: 0

Program modifications:

The program is proposing a number of program modifications, including the addition of HEAL 1600 as an elective course in the Interdisciplinary Health Program and modifications to the required courses for Bachelor of Health Sciences and the Bachelor of Health Studies degree programs:

- COMP 1260 Introductory Computer Usage (3) will no longer be required. Students will instead be required to complete either FMLY 3780 Introduction to the Development of Programs for Children and Families (3) or FMLY 3790 Introduction to the Evaluation of Programs for Children and Families (3).
- HMEC 2030 Human Ecology: Perspectives and Communication (3) will no longer be required. Students will instead be required to complete either NATV 1220 The Native Peoples of Canada Part I (3) or NATV 1240 The Native Peoples of Canada Part II (3).

The program is proposing modifications to the approved program elective lists for sciences orientation electives in the Bachelor of Health Sciences program and the approved program elective lists for social sciences orientation electives in the Bachelor of Health Studies program.

Sciences Orientation Electives

Faculty of Agricultural and Food Sciences

List A - Science Orientation

Year 4

FOOD 4540 Functional Foods and Nutraceuticals

Faculty of Arts

List A - Science Orientation

Year 2

PSYC 2290 Child Development

PSYC 2360 Brain and Behaviour

Year 3

PSYC 3330 Elements of Physiological Psychology

PSYC 3430 Sensory Process

PSYC 3460 Abnormal Psychology

Year 4

PSYC 4540 Contemporary Issues

PSYC 4580 Elements of Behavioural Pharmacology

PSYC 4630 Behavioural Endocrinology

I H Asper School of Business

List A - Science Orientation

Year 2

MIS 2000 Information Systems for Management

Year 3

MIS 3500 Database Management Systems

MIS 3510 Systems Analysis and Design

MIS 3520 Data Communications and Knowledge

Clayton H Riddell Faculty of Environment, Earth and Resources

List B – Science Orientation

Year 1

GEOG 1200 Introductory Geography
GEOG 1280 Introduction to Human Geography
GEOG 1290 Introduction to Physical Geography
ENVR 1000 Environmental Science 1: Concepts

Year 3

ENVR 3400 Introduction to Environment and Health
ENVR 4400 Advanced Issues in Environment and Health

Faculty of Human Ecology

List A – Science Orientation

Year 2

HNSC 2130 Nutrition through the Life Cycle
HNSC 2140 Basic Principles of Human Nutrition

Year 3

HNSC 3300 Vitamins and Minerals in Human Health
HNSC 3310 Macronutrients and Human Health
HNSC 3320 Nutrition Education and Dietary Change
HNSC 3342 Management for Food and Nutrition Professionals
TXSC 3500 Textiles for the Healthcare Sector

Year 4

HMEC 4090 Practicum in Human Ecology
HNSC 4290 Food, Nutrition and Health Policies
HNSC 4300 Community Nutrition Intervention
HNSC 4310 Nutrition and the Elderly
HNSC 4340 Maternal and Child Nutrition
HNSC 4350 Nutrition in Exercise and Sport
HNSC 4540 Functional Foods and Nutraceuticals
TXSC 4500 Advanced Textiles for the Healthcare Sector

Faculty of Kinesiology and Recreation Management

List A – Science Orientation

Year 2

KIN 2810 Health and Physical Aspects of Aging

PHED 2320 Human Anatomy

Faculty of Medicine

List A – Science Orientation

Year 3

BGEN 3020 Introduction to Human Genetics

Faculty of Nursing

List A – Science Orientation

Year 2

NURS 2610 Health and Physical Aspects of Aging

Faculty of Science

List A – Science Orientation

Year 1

BIOL 1110 Health and Health Professions

CHEM 1320 University 1 Chemistry: An Introduction to Organic Chemistry

COMP 1270 Introductory Computer Usage 2

MATH 1300 M Vector Geometry and Linear Algebra

MATH 1500 M Introduction to Calculus

MBIO 1220 Essentials of Microbiology

PHYS 1020 General Physics 1

PHYS 1030 General Physics 2

Year 2

BIOL 2500 Genetics 1

CHEM 2210 Introductory Organic Chemistry 1: Structure and Function

CHEM 2220 Introductory Organic Chemistry 2: Reactivity and Synthesis

CHEM 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy

CHEM 2370 Biochemistry 2: Catabolism, Synthesis, and Information Pathways

CHEM 2770 Elements of Biochemistry 1
CHEM 2780 Elements of Biochemistry 2
MATH 2350 Linear Algebra with Applications
MBIO 1010 Microbiology 1
MBIO 2020 Microbiology 2
MBIO 2360 Biochemistry 1: Biomolecules and Introduction to Metabolic Energy
MBIO 2370 Biochemistry 2: Catabolism, Synthesis, and Information Pathways
MBIO 2410 Essentials of Molecular Biology
STAT 2000 Basic Statistical Analysis 2
BIOL 2540 Developmental Biology
BIOL 2380 Introductory Toxicology
BIOL 2520 Cell Biology
BIOL 2410 Human Physiology 1
BIOL 2420 Human Physiology 2

Year 3

MATH 3800 Ordinary Differential Equations with Applications 2
MATH 3810 Partial Differential Equations 1
MATH 3820 Introduction to Mathematical Modelling
MBIO 3010 Mechanisms of Microbial Disease
MBIO 3030 Microbiology 3
MBIO 3430 Molecular Evolution
MBIO 3440 Microbial Physiology
MBIO 3450 Regulation of Biochemical Processes
MBIO 3460 Membrane and Cellular Biochemistry
MBIO 3470 Microbial Systematics
MBIO 3480 Microbial Diversity
STAT 3120 Topics of Regression Analysis
STAT 3130 Statistical Analysis of Designed Experiments
STAT 3380 An Introduction to Nonparametric Statistics
BIOL 3560 Comparative Animal Histology
BIOL 3270 Introduction to Parasitology
BIOL 3470 Environmental Physiology of Animals 1

Year 4

CHEM 4360 Signaling and Regulation of Gene Expression
CHEM 4370 Glycobiology and Protein Activation
CHEM 4620 Biochemistry of Nucleic Acids
CHEM 4630 Biochemistry of Proteins
MBIO 4020 Immunology
MBIO 4480 Microbes in our Environment

List B - Science Orientation

Year 2

BOTN 2280 Introductory Ecology
ZOO L 2150 Developmental Biology
BIOL 2390 Introduction Ecology

Year 3

BIOL 3240 Medicinal and Hallucinogenic Plants
BIOL 3500 Genetics 2
ZOO L 3460 Introductory Parasitology

Year 4

BIOL 4542 Genes and Development

List C - Science Orientation

Year 2

BIOL 2210 The Chordates
BIOL 2300 Principles of Ecology

Year 3

BIOL 3540 Advanced Developmental and Cellular Biology

Social Science Orientation Electives

Faculty of Agricultural and Food Sciences

List B Social Science Orientation

Year 3

ABIZ 3550 Environmental Policy

SOIL 3520 Pesticides: Environment, Economics and Ethics

List C Social Science Orientation

Year 1

ABIZ 1010 Economics of World Food Issues and Policies

Faculty of Architecture

List C Social Science Orientation

Year 1

EVDS 1660 History of Culture, Ideas & Environment 1

EVDS 1670 History of Culture, Ideas & Environment 2

Year 2

EVDS 2690 Design Since 1800

Faculty of Arts

List A Social Science Orientation

Year 1

RLGN 1410 Death and Concepts of the Future

RLGN 1430 Food: Religious Concepts and Practices

WOMN 1600 Introduction to Women's & Gender Studies in the Social Sciences

Year 2

ANTH 2040 Native North America: A Sociocultural Survey

ANTH 2240 Plagues and People

ANTH 2510 Anthropology of Economic Systems

ANTH 2550 Culture and the Individual

ANTH 2560 Anthropology of Illness

ANTH 2820 Human Osteology

ANTH 2860 Evolution and Human Diversity
 ANTH 2880 Human Evolution
 ANTH 2890 Human Population Biology
 ECON 2310 Canadian Economic Problems
 ECON 2350 Community Economic Development
 ECON 2410 The Manitoba Economy
 HIST 2280 W Aboriginal History of Canada
 NATV 2020 W The Metis of Canada
 NATV 2040 The Native People of the Northern Plains
 NATV 2060 The Native People of the Eastern Woodlands
 NATV 2070 The Native People of the Subarctic
 NATV 2080 Inuit Society and Culture
 NATV 2100 Aboriginal Spirituality
 PHIL 2150 W Mind and Body
 PHIL 2290 Ethics and Society
 PHIL 2750 Ethics and the Environment
 POLS 2070 W Introduction to Canadian Government
 POLS 2570 Introduction to Public Administration
 PSYC 2250 Introduction to Psychological Research
 PSYC 2260 Introduction to Research Methods in Psychology
 PSYC 2290 Child Development
 PSYC 2310 Adolescent Development
 PSYC 2320 Motivation
 PSYC 2330 Emotion
 PSYC 2370 Developmental Psychology from Adolescence to Old Age
 PSYC 2400 Psychology of Sex Differences
 PSYC 2410 Social Psychology 1
 PSYC 2420 Social Psychology 2
 PSYC 2440 Behaviour Modification Principles
 PSYC 2450 Behaviour Modifications Applications
 PSYC 2470 Learning Foundations of Psychology
 PSYC 2480 Cognitive Processes
 SOC 2270 Urban Sociology
 SOC 2320 Canadian Society and Culture
 SOC 2330 Social Psychology in Sociological Perspectives
 SOC 2360 Small Group Interaction
 SOC 2370 Ethnic Relations
 SOC 2390 Social Organization
 SOC 2460 The Family
 SOC 2490 Sociology of Health and Illness
 SOC 2620 The Sociology of Aging
 WOMN 2560 Women, Science and Technology

Year 3

ANTH 3380 The Anthropology of Sex and Sexuality
ANTH 3740 Human Growth and Variation
ECON 3690 Economic Issues of Health Policy
LABR 3060 Workplace Health and Safety
LABR 3070 Labour Relations and Occupational Health and Safety Law
NATV 3100 Aboriginal Healing Ways
NATV 3240 Native Medicine and Health
PSYC 3130 Introduction to Health Psychology
POLS 3860 Canadian Federalism
POLS 3960 Canadian Politics
PSYC 3390 Thinking
PSYC 3160 Perception and Attention
PSYC 3450 Psychology of Personality
PSYC 3460 Abnormal Psychology
PSYC 3480 Social Learning and Psychopathology
PSYC 3490 Individual Differences
PSYC 3580 Language and Thought
PSYC 3600 Environmental Psychology
PSYC 3620 Community Mental Health
PSYC 3630 Psychological Measurement and Assessment
SOC 3370 Sociology of Work
SOC 3540 The Sociology of Health Care Systems
SOC 3660 Sociology of Mental Disorder
SOC 3770 Women, Health and Medicine
WOMN 3560 Feminist Perspectives on Violence Against Women

Year 4

ANTH 4750 The Anthropology of Aging
ANTH 4860 Special Topics in Biological Anthropology
POLS 4190 Manitoba Politics and Government
POLS 4570 Public Organizational Management
POLS 4860 The Canadian Policy Process
PSYC 4540 Contemporary Issues I
WOMN 4120 Practicum in Feminist Organizing

List B – Social Sciences Orientation

Year 1

LABR 1270 Introduction to the Political Economy of Labour
LABR 1280 Introduction to Labour Institutions and Problems

NATV 1220 The Native Peoples of Canada, Part 1
NATV 1240 The Native Peoples of Canada, Part 2
PHIL 1200 Introduction to Philosophy
PHIL 1320 Introductory Logic
PHIL 1330 Introduction to Symbolic Logic
RLGN 1320 W Introduction to World Religions
RLGN 1420 W Ethics in World Religions
WOMN 1600 W Introduction to Women's & Gender Studies in the Social Sciences

Year 2

ANTH 2370 Language and Culture
ANTH 2390 Social Organization in Cross-Cultural Perspective
ANTH 2500 Culture, Environment and Technology
ANTH 2530 Anthropology of Political Systems
ECON 2280 Social Welfare and Human Resources
ECON 2360 Women in Canadian Economy
ECON 2420 Economics of the Labour Process and Labour Relations
ENGL 2000 W Intermediate Writing and Research
HIST 2970 Modern Canada: 1921 to Present
LABR 2420 Economics of the Labour Process and Labour Relations
PHIL 2610 W The History and Philosophy of Science
PSYC 2390 Psychology of Women
PSYC 2440 Behaviour Modification Principles
PSYC 2450 Behaviour Modifications Applications
PSYC 2470 Learning Foundations of Psychology
RLGN 2210 W Psychology of Religion
RLGN 2500 Science and Religion
RLGN 2590 W Religion and Social Issues
SOC 2470 Courtship and Marriage
SOC 2510 Criminology
SOC 2630 Social Change
WOMN 2500 Race, Class and Sexuality
WOMN 2000 Feminist Thought

Year 3

ANTH 3210 Cultural Change
ANTH 3320 Women in Cross-Cultural Perspective
ANTH 3460 Native North American Ethnology
ANTH 3500 Peoples of the Arctic
ANTH 3550 Canadian Subcultures
ANTH 3750 Anthropological Perspectives on Globalization and the World-System
NATV 3280 Aboriginal Organizations

NATV 3330 Aboriginal People, Science and the Environment
NATV 3340 Circumpolar Cultures and Lifestyles
NATV 3380 Cultural Constructions of Gender in Canadian Aboriginal Societies
SOC 3470 Political Science
SOC 3640 Families in Societal Crisis
SOC 3730 Society and Education
SOC 3810 Sociological Perspectives on Gender and Sexuality
SOC 3820 Qualitative and Historical Methods in Sociology
SOC 3830 Youth, Crime and Society
SOC 3840 Community and Social Reconstruction
SOC 3870 Social Inequality
WOMN 3570 Feminist Cultural Studies
WOMN 3580 Feminist Approaches to Research

List C – Social Sciences Orientation

Year 1

CDN 1130 W Introduction to Canadian Studies
HIST 1320 W Canada-United States: Contemporary Problems in Perspective: Current Problems
HIST 1440 W-History of Canada
LING 1360 Languages of Canada

Year 2

CLAS 2710 Greek and Latin Elements in English
RLGN 2350 Major Themes in World Religion
RLGN 2410 Religion in Canada
RLGN 2540 Modern Movements in World Religions
SOC 2610 Sociology of Criminal Justice and Corrections

Year 3

ANTH 3810 Anthropology of Belief Systems
CDN 3730 Canadian Identity in the 20th Century: An Interdisciplinary Approach
HIST 3690 History of Northern Canada
HIST 3730 A History Western Canada
ANTH 3810 Anthropology of Belief Systems
CDN 3730 Canadian Identity in the 20th Century: An Interdisciplinary Approach
HIST 3690 History of Northern Canada
HIST 3730 A History Western Canada

Year 4

POLS 4860 The Canadian Policy Process

I H Asper School of Business

List A Social Sciences Orientation

Year 2

MGMT 2030 Administrative Theory

MGMT 2080 Introduction to Management and Organization theory

MGMT 2120 Business/Government Relations

List B Social Science Orientation

Year 1

ACC 1100 Introduction to Financial Accounting

ACC 1110 Introduction to Managerial Accounting

Year 2

MGMT 2000 Introduction to Communications

MGMT 2440 Human Resource Management

Year 3

HRIR 3450 Labour and Employment Relations

Year 4

HRIR 4410 Staffing and Management Development

HRIR 4480 Collective Bargaining and Administration

List C Social Science Orientation

Year 4

HRIR 4420 Compensation

Faculty of Education

List B Social Science Orientation

Year 1

EDUA 1540 Cross-Cultural Education

Clayton H Riddell Faculty of the Environment, Earth and Resources

List A – Social Science Orientation

Year 1

GEOG 1280 Introduction to Human Geography

Year 2

GEOG 2480 Population Geography

Year 4

GEOG 4710 Geography of the Elderly and Aging

List B – Social Science Orientation

Year 2

GEOG 2640 Geography of Culture and inequality

List C – Social Science Orientation

Year 2

GEOG 2450 The Making of the Prairie Landscape

GEOG 2630 Geography of Culture and Environment

Faculty of Human Ecology

Year 1

HNSC 1200 Food, Facts and Fallacies

FMLY 1010 Human Development in the Family

FMLY 1020 Family Issues Across the Lifespan

FMLY 1012 Introduction to Social Development

Year 2

HMEC 2650 The Social Aspects of Aging

FMLY 2350 Multicultural Family Issues

FMLY 2400 Family Financial Health

FMLY 2600 Foundations of Childhood Developmental Health

FMLY 2012 Development, Conflict and Displacement

Year 3

FMLY 3220 Death and the Family

FMLY 3240 Families in the Later Years

FMLY 3330 Parenting and Developmental Health
FMLY 3600 Adolescents in Families and Society
FMLY 3610 Developmental Health of Children and Youth
FMLY 3800 Conflict Resolution in the Family
FMLY 4012 Social Development Policies
HMEC 4090 Practicum in Human Ecology
FMLY 4330 Management of Family Stress
FMLY 4400 Family Economics: Poverty and Wealth
FMLY 4480 Work and Family Issues

List B - Social Science Orientation

Year 1

FMLY 1420 Family Management Principles

Year 2

FMLY 2800 Family Violence

Year 3

HNSC 3350 Cultural and Food Patterns

Faculty of Kinesiology and Recreation Management

List A - Social Science Orientation

Year 1

PERS 1200 Physical Activity, Health and Wellness

Year 2

KIN 2610 Health and Physical Aspects of Aging

REC 2650 The Social Aspects of Aging

Faculty of Nursing

List A - Social Science Orientation

Year 1

NURS 1250 Human Growth and Development

Year 3

NURS 3330 Women and Health

NURS 3400 Men's Health: Concerns, Issues and Myths

Faculty of Social Work

List A – Social Science Orientation

Year 1

SWRK 1310 Introduction to Social Welfare Policy Analysis

Year 2

SWRK 2080 Interpersonal Communication Skills

SWRK 2650 The Social Aspects of Aging

SWRK 2130 Comparative Social Welfare Systems

Year 3

SWRK 3130 Contemporary Canadian Social Welfare

Health Sciences Electives/Science Orientation

Faculty of Agricultural and Food Sciences

Year 4

FOOD 4540 Functional Foods and Nutraceuticals

Faculty of Arts

Year 2

PSYC 2290 Child Development

PSYC 2360 Brain and Behaviour

Year 3

PSYC 3330 Elements of Physiological Psychology

PSYC 3430 Sensory Process

PSYC 3460 Abnormal Psychology

Year 4

PSYC 4540 Contemporary Issues

PSYC 4580 Elements of Behavioural Pharmacology

PSYC 4630 Behavioural Endocrinology

I H Asper School of Business

Year 2

MIS 2000 Information Systems for Management

Year 3

MIS 3500 Database Management Systems

MIS 3510 Systems Analysis and Design

MIS 3520 Data Communications and Knowledge

Clayton H Riddell Faculty of Environment, Earth and Resources

Year 1

ENVR 1000 Environmental Science 1: Concepts

GEOG 1200 Introductory Geography

GEOG 1280 Introduction to Human Geography

GEOG 1290 Introduction to Physical Geography

Year 3

ENVR 3400 Introduction to Environment and Health

ENVR 4400 Advanced Issues in Environment and Health

Faculty of Human Ecology**Year 2**

HNSC 2130 Nutrition through the Life Cycle

HNSC 2140 Basic Principles of Human Nutrition

Year 3

HNSC 3300 Vitamins and Minerals in Human Health

HNSC 3310 Macronutrients and Human Health

HNSC 3320 Nutrition Education and Dietary Change

HNSC 3342 Management for Food and Nutrition Professionals

TXSC 3500 Textiles for the Healthcare Sector

Year 4

HMEC 4090 Practicum in Human Ecology

HNSC 4290 Food, Nutrition and Health Policies

HNSC 4300 Community Nutrition Intervention

HNSC 4310 Nutrition and the Elderly

HNSC 4340 Maternal and Child Nutrition

HNSC 4350 Nutrition in Exercise and Sport

HNSC 4540 Functional Foods and Nutraceuticals

TXSC 4500 Advanced Textiles for the Healthcare Sector

Faculty of Kinesiology and Recreation Management**Year 2**

KIN 2810 Health and Physical Aspects of Aging

PHED 2320 Human Anatomy

Faculty of Medicine**Year 3**

BGEN 3020 Introduction to Human Genetics

Faculty of Nursing**Year 2**

NURS 2610 Health and Physical Aspects of Aging

Faculty of Science**Year 1**

BIOL 1110 Health and Health Professions

CHEM 1320 University 1 Chemistry: An Introduction to Organic Chemistry

COMP 1270 Introductory Computer Usage 2

MATH 1300 M Vector Geometry and Linear Algebra

MATH 1500 M Introduction to Calculus

MBIO 1220 Essentials of Microbiology

PHYS 1020 General Physics 1

PHYS 1030 General Physics 2

Year 2

~~BIOL 2210 The Chordates~~

BIOL 2300 Principles of Ecology

BIOL 2500 Genetics 1

BOTN 2280 Introductory Ecology

BIOL 2390 Introduction Ecology

CHEM 2210 Introductory Organic Chemistry 1: Structure and Function

CHEM 2220 Introductory Organic Chemistry 2: Reactivity and Synthesis

CHEM 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy

CHEM 2370 Biochemistry 2: Catabolism, Synthesis, and Information Pathways

CHEM 2770 Elements of Biochemistry 1

CHEM 2780 Elements of Biochemistry 2

MATH 2350 Linear Algebra with Applications

MBIO 1010 Microbiology 1

MBIO 2020 Microbiology 2

MBIO 2360 Biochemistry 1: Biomolecules and Introduction to Metabolic Energy

MBIO 2370 Biochemistry 2: Catabolism, Synthesis, and Information Pathways

MBIO 2410 Essentials of Molecular Biology

STAT 2000 Basic Statistical Analysis 2

BIOL 2540 Developmental Biology

BIOL 2380 Introductory Toxicology

BIOL 2520 Cell Biology

BIOL 2410 Human Physiology 1

BIOL 2420 Human Physiology 2

ZOOL 2150 Developmental Biology – no longer a ZOOL designation – check this out

Year 3

BIOL 3240 Medicinal and Hallucinogenic Plants

BIOL 3500 Genetics 2

BIOL 3540 Advanced Developmental and Cellular Biology

MATH 3800 Ordinary Differential Equations with Applications 2

MATH 3810 Partial Differential Equations 1

MATH 3820 Introduction to Mathematical Modelling

MBIO 3010 Mechanisms of Microbial Disease

MBIO 3030 Microbiology 3

MBIO 3430 Molecular Evolution

MBIO 3440 Microbial Physiology

MBIO 3450 Regulation of Biochemical Processes

MBIO 3460 Membrane and Cellular Biochemistry
MBIO 3470 Microbial Systematics
MBIO 3480 Microbial Diversity
STAT 3120 Topics of Regression Analysis
STAT 3130 Statistical Analysis of Designed Experiments
STAT 3380 An Introduction to Nonparametric Statistics
BIOL 3560 Comparative Animal Histology
BIOL 3270 Introduction to Parasitology
BIOL 3470 Environmental Physiology of Animals 1
ZOOL 3460 Introductory Parasitology - ? There is no longer a ZOOL designation – check this out.

Year 4

BIOL 4542 Genes and Development
CHEM 4360 Signaling and Regulation of Gene Expression
CHEM 4370 Glycobiology and Protein Activation
CHEM 4620 Biochemistry of Nucleic Acids
CHEM 4630 Biochemistry of Proteins
MBIO 4020 Immunology
MBIO 4480 Microbes in our Environment

Health Studies Electives/Social Science Orientation

Faculty of Agricultural and Food Sciences

Year 1

ABIZ 1010 Economics of World Food Issues and Policies

Year 3

ABIZ 3550 Environmental Policy

SOIL 3520 Pesticides: Environment, Economics and Ethics

Faculty of Architecture

Year 1

~~EVDS 1660 History of Culture, Ideas & Environment 1~~

~~EVDS 1670 History of Culture, Ideas & Environment 2~~

Year 2

~~EVDS 2690 Design Since 1800~~

Faculty of Arts

Year 1

~~CDN 1130 W Introduction to Canadian Studies~~

~~HIST 1320 W Canada-United States: Contemporary Problems in Perspective: Current Problems~~

~~HIST 1440 W History of Canada~~

LABR 1270 Introduction to the Political Economy of Labour

LABR 1280 Introduction to Labour Institutions and Problems

~~LING 1360 Languages of Canada~~

NATV 1220 The Native Peoples of Canada, Part 1

NATV 1240 The Native Peoples of Canada, Part 2

PHIL 1200 Introduction to Philosophy

~~PHIL 1320 Introductory Logic~~

~~PHIL 1330 Introduction to Symbolic Logic~~

RLGN 1320 W Introduction to World Religions

RLGN 1410 Death and Concepts of the Future

RLGN 1420 W Ethics in World Religions

RLGN 1430 Food: Religious Concepts and Practices

WOMN 1600 Introduction to Women's and Gender Studies in the Social Sciences

Year 2

ANTH 2040 Native North America: A Sociocultural Survey

ANTH 2240 Plagues and People

ANTH 2370 Language and Culture
 ANTH 2390 Social Organization in Cross-Cultural Perspective
 ANTH 2500 Culture, Environment and Technology
 ANTH 2510 Anthropology of Economic Systems
 ANTH 2530 Anthropology of Political Systems
 ANTH 2550 Culture and the Individual
 ANTH 2560 Anthropology of Illness
 ANTH 2820 Human Osteology
 ANTH 2860 Evolution and Human Diversity
 ANTH 2880 Human Evolution
 ANTH 2890 Human Population Biology
 CLAS 2710 Greek and Latin Elements in English
 ECON 2280 Social Welfare and Human Resources
 ECON 2310 Canadian Economic Problems
 ECON 2350 Community Economic Development
 ECON 2360 Women in Canadian Economy
 ECON 2410 The Manitoba Economy
 ECON 2420 Economics of the Labour Process and Labour Relations
 ENGL 2000 W Intermediate Writing and Research
 HIST 2280 W Aboriginal History of Canada
 HIST 2970 Modern Canada: 1921 to Present
 LABR 2420 Economics of the Labour Process and Labour Relations
 NATV 2020 W The Metis of Canada
 NATV 2040 The Native People of the Northern Plains
 NATV 2060 The Native People of the Eastern Woodlands
 NATV 2070 The Native People of the Subarctic
 NATV 2080 Inuit Society and Culture
 NATV 2100 Aboriginal Spirituality
 PHIL 2150 W Mind and Body
 PHIL 2290 Ethics and Society
 PHIL 2610 W The History and Philosophy of Science
 PHIL 2750 Ethics and the Environment
 POLS 2070 W Introduction to Canadian Government
 POLS 2570 Introduction to Public Administration
 PSYC 2250 Introduction to Psychological Research
 PSYC 2260 Introduction to Research Methods in Psychology
 PSYC 2290 Child Development
 PSYC 2310 Adolescent Development
 PSYC 2320 Motivation
 PSYC 2330 Emotion
 PSYC 2370 Developmental Psychology from Adolescence to Old Age
 PSYC 2390 Psychology of Women

PSYC 2440 Behaviour Modification Principles
 PSYC 2450 Behaviour Modifications Applications
~~PSYC 2470 Learning Foundations of Psychology~~
 PSYC 2400 Psychology of Sex Differences
 PSYC 2410 Social Psychology 1
 PSYC 2420 Social Psychology 2
 PSYC 2440 Behaviour Modification Principles
 PSYC 2450 Behaviour Modifications Applications
 PSYC 2470 Learning Foundations of Psychology
 PSYC 2480 Cognitive Processes
~~RLGN 2210 W Psychology of Religion~~
~~RLGN 2350 Major Themes in World Religion~~
~~RLGN 2410 Religion in Canada~~
~~RLGN 2500 Science and Religion~~
 RLGN 2540 Modern Movements in World Religions
 RLGN 2590 W Religion and Social Issues
 SOC 2270 Urban Sociology
 SOC 2320 Canadian Society and Culture
 SOC 2330 Social Psychology in Sociological Perspectives
 SOC 2360 Small Group Interaction
 SOC 2370 Ethnic Relations
 SOC 2390 Social Organization
 SOC 2460 The Family
 SOC 2470 Courtship and Marriage
 SOC 2490 Sociology of Health and Illness
 SOC 2510 Criminology
 SOC 2610 Sociology of Criminal Justice and Corrections
 SOC 2620 The Sociology of Aging
 SOC 2630 Social Change
 WOMN 2000 Feminist Thought
 WOMN 2500 Race, Class and Sexuality
 WOMN 2560 Women, Science and Technology

Year 3

~~ANTH 3210 Cultural Change~~
 ANTH 3320 Women in Cross-Cultural Perspective
 ANTH 3460 Native North American Ethnology
 ANTH 3500 Peoples of the Arctic
 ANTH 3550 Canadian Subcultures
 ANTH 3750 Anthropological Perspectives on Globalization and the World-System
~~ANTH 3810 Anthropology of Belief Systems~~
~~CDN 3730 Canadian Identity in the 20th Century: An Interdisciplinary Approach~~

HIST 3690 History of Northern Canada
HIST 3730 A History Western Canada
~~ANTH 3810 Anthropology of Belief Systems~~
~~CDN 3730 Canadian Identity in the 20th Century: An Interdisciplinary Approach~~
~~HIST 3690 History of Northern Canada~~
~~HIST 3730 A History Western Canada~~

ANTH 3380 The Anthropology of Sex and Sexuality
ANTH 3740 Human Growth and Variation
ECON 3690 Economic Issues of Health Policy
LABR 3060 Workplace Health and Safety
LABR 3070 Labour Relations and Occupational Health and Safety Law
NATV 3100 Aboriginal Healing Ways
NATV 3240 Native Medicine and Health
~~NATV 3280 Aboriginal Organizations~~
NATV 3330 Aboriginal People, Science and the Environment
NATV 3340 Circumpolar Cultures and Lifestyles
NATV 3380 Cultural Constructions of Gender in Canadian Aboriginal Societies
PSYC 3130 Introduction to Health Psychology
POLS 3860 Canadian Federalism
POLS 3960 Canadian Politics
PSYC 3390 Thinking
PSYC 3160 Perception and Attention
PSYC 3450 Psychology of Personality
PSYC 3460 Abnormal Psychology
PSYC 3480 Social Learning and Psychopathology
PSYC 3490 Individual Differences
PSYC 3580 Language and Thought
PSYC 3600 Environmental Psychology
PSYC 3620 Community Mental Health
PSYC 3630 Psychological Measurement and Assessment
SOC 3370 Sociology of Work
SOC 3470 Political Science
SOC 3540 The Sociology of Health Care Systems
SOC 3640 Families in Societal Crisis
SOC 3660 Sociology of Mental Disorder
SOC 3730 Society and Education
SOC 3770 Women, Health and Medicine
SOC 3810 Sociological Perspectives on Gender and Sexuality
SOC 3820 Qualitative and Historical Methods in Sociology
SOC 3830 Youth, Crime and Society
SOC 3840 Community and Social Reconstruction

SOC 3870 Social Inequality
WOMN 3560 Feminist Perspectives on Violence Against Women
WOMN 3570 Feminist Cultural Studies
WOMN 3580 Feminist Approaches to Research

Year 4

ANTH 4750 The Anthropology of Aging
ANTH 4860 Special Topics in Biological Anthropology
POLS 4190 Manitoba Politics and Government
POLS 4570 Public Organizational Management
POLS 4860 The Canadian Policy Process
PSYC 4540 Contemporary Issues I
WOMN 4120 Practicum in Feminist Organizing

I H Asper School of Business

Year 1

ACC 1100 Introduction to Financial Accounting
ACC 1110 Introduction to Managerial Accounting

Year 2

GMGT 2000 Introduction to Communications
GMGT 2440 Human Resource Management

~~GMGT 2030 Administrative Theory~~—will be added to list of linking courses with GMGT 1010

GMGT 2070 Introduction to Organizational Behaviour

~~GMGT 2080 Introduction to Management and Organization theory~~—course has been deleted by Asper
School of Business

GMGT 2120 Business/Government Relations

Year 3

HRIR 3450 Labour and Employment Relations

Year 4

HRIR 4410 Staffing and Management Development
~~HRIR 4480 Collective Bargaining and Administration~~
~~HRIR 4420 Compensation~~

Faculty of Education

Year 1

EDUA 1540 Cross-Cultural Education

Clayton H Riddell Faculty of the Environment, Earth and Resources

Year 1

GEOG 1280 Introduction to Human Geography

Year 2

GEOG 2480 Population Geography

GEOG 2640 Geography of Culture and Inequality

~~GEOG 2450 The Making of the Prairie Landscape~~

~~GEOG 2630 Geography of Culture and Environment~~

Year 4

GEOG 4710 Geography of the Elderly and Aging

Faculty of Human Ecology

Year 1

HNSC 1200 Food, Facts and Fallacies

FMLY 1010 Human Development in the Family

FMLY 1020 Family Issues Across the Lifespan

FMLY 1012 Introduction to Social Development

FMLY 1420 Family Management Principles

Year 2

HMEC 2650 The Social Aspects of Aging

FMLY 2350 Multicultural Family Issues

FMLY 2400 Family Financial Health

FMLY 2600 Foundations of Childhood Developmental Health

FMLY 2012 Development, Conflict and Displacement

FMLY 2800 Family Violence

Year 3

FMLY 3220 Death and the Family

FMLY 3240 Families in the Later Years

FMLY 3330 Parenting and Developmental Health

FMLY 3600 Adolescents in Families and Society

FMLY 3610 Developmental Health of Children and Youth

FMLY 3800 Conflict Resolution in the Family

FMLY 4012 Social Development Policies

HMEC 4090 Practicum in Human Ecology

FMLY 4330 Management of Family Stress

FMLY 4400 Family Economics: Poverty and Wealth

FMLY 4480 Work and Family Issues
HNSC 3350 Cultural and Food Patterns

Faculty of Kinesiology and Recreation Management

Year 1

PERS 1200 Physical Activity, Health and Wellness

Year 2

KIN 2610 Health and Physical Aspects of Aging
REC 2650 The Social Aspects of Aging

Faculty of Nursing

Year 1

NURS 1250 Human Growth and Development

Year 3

NURS 3330 Women and Health
NURS 3400 Men's Health: Concerns, Issues and Myths

Faculty of Social Work

Year 1

SWRK 1310 Introduction to Social Welfare Policy Analysis

Year 2

SWRK 2080 Interpersonal Communication Skills
SWRK 2650 The Social Aspects of Aging
SWRK 2130 Comparative Social Welfare Systems

Year 3

SWRK 3130 Contemporary Canadian Social Welfare

The program is also proposing changes to the program comments, which following from revisions to the approved program elective lists.

Health Sciences Degree

Elective Courses (36 credit hours): To be taken from an approved list of Science courses (available on the Human Ecology web site and from the Dean's Office). ~~At least 21 credit hours are to be taken from the list of approved Science courses (Group A).~~ At least 24 credit hours are to be taken at the 3000 and 4000 level. A minimum of 21 of the 36 credit hours of electives must be from the Sciences.

Health Studies Degree

Elective Courses (36 credit hours): To be taken from an approved list of Social Science courses (available on the Human Ecology web site and from the Dean's Office). ~~At least 21 credit hours are to be taken from the list of approved Social Science courses (Group A).~~ At least 24 credit hours are to be taken at the 3000 and 4000 level. A minimum of 21 of the 36 credit hours of electives must be from the Social Sciences.

Faculty of Kinesiology and Recreation Management

Introduction:

PERS 4XXX Sport, Film and Society Cr.Hrs. 3

+3

This seminar format course encourages students to use films as “texts” through which important socio-cultural themes related to the study of sport, recreation, physical activity, dance, and physical education can be explored. It builds upon themes explored in courses such as PERS 3460 and uses film as a way to examine the intersections between the representations of key historical and sociological concepts, such as social class, gender, and race/ethnicity and the representations of sport and the moving body. The course is organized around these themes and includes a variety of film genres, primarily feature films and documentaries. Each seminar includes one or more screenings upon which class discussions are based. The course concludes with a screening of the films made by the students themselves, a key component of the course evaluation. Prerequisite: PERS 3460.

NET CHANGE IN CREDIT HOURS: +3

School of Medical Rehabilitation

Physical Therapy

Deletions:

REHB 1520 Musculoskeletal Anatomy Cr.Hrs. 5

-5

PT 1740 Cardiorespiratory Clinical Education Cr.Hrs. 7

-7

NET CHANGE IN CREDIT HOURS: -12

Respiratory Therapy

Introduction:

RESP 2390 Clinical Integration and Simulation Cr.Hrs. 6

+6

This course provides the student an opportunity to integrate concepts learned in the first two years of the Respiratory Therapy program, and to learn life support protocols prior to participation in advanced clinical education coursework. The course will be delivered through a variety of formats including classroom, seminar, and clinical simulation. 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 required courses for year one of the program.

Modification:

RESP 2380 Basic Fieldwork II Cr.Hrs. 4

+0

Building on RESP 1380 Basic Fieldwork I and RESP 2390 Clinical Integration and Simulation, this course is comprised of fieldwork experiences which provide the student the opportunity to apply the integrated concepts learned in the first two years of the Respiratory Therapy program in a clinical setting. This course will prepare students for advanced clinical education coursework. Prerequisites: RESP 1380, RESP 2390.

NET CHANGE IN CREDIT HOURS: +6

Program modification:

The department is proposing that RESP 2390 be added to the required courses for year two of the Bachelor of Medical Rehabilitation in Respiratory Therapy.

Faculty of Science

Actuarial Mathematics

Program modification:

The program is proposing modifications to the required courses and number of credit hours of approved electives for the Bachelor of Science (Honours) in Actuarial Mathematics.

ACTUARIAL MATHEMATICS
Program Modifications
2012 – 2013

Current Program:

4.1.2 Actuarial Mathematics			
FIRST YEAR	YEAR 2	YEAR 3	YEAR 4
HONOURS ACTUARIAL 120 CREDIT HOURS			
ECON 1010 ³ , ECON 1020 ³	ACT 2020, ACT 2120	ACT 2210, ACT 3130, ACT 3230, ACT 3340, ACT 3530	ACT 4060, ACT 4140, ACT 4340
MATH 1500 ¹ , MATH 1700 ¹ , MATH 1300 ¹	STAT 2400, STAT 3400	STAT 3050, STAT 3800	STAT 3470 ⁵ , STAT 3490 ^{1,5}
STAT 1000, STAT 2000	ACC 1100 ^{2,5} , FIN 2200 ^{2,5} , GMGT 2010		MSCI 2150
3 credit hour "W" requirement	MATH 2720 ¹ , MATH 2730 ¹		
	MATH 2300 ⁴		
6 credit hours of electives ²		9 credit hours of approved electives ²	12 credit hours of approved electives ²
30 Hours	30 Hours	30 Hours	30 Hours
JOINT STATISTICS - ACTUARIAL MATHEMATICS HONOURS: See Section 4.13.3			
NOTES:			
¹ MATH 1510 or MATH 1520 may be taken instead of MATH 1500; MATH 1310 may be taken instead of MATH 1300; MATH 1710 may be taken instead of MATH 1700; MATH 1690 may be taken in place of both MATH 1500 and MATH 1700; MATH 2750 may be taken in place of both MATH 2720 and MATH 2730.			
² Students are strongly urged to complete ACC 1100 in Year 1 when possible. FIN 2200 may be taken in Year 2, 3 or 4; however, it is strongly recommended that it be completed in Year 2. Note that ACC 1100 is a prerequisite for FIN 2200.			
³ STAT 3490 may be taken in Year 3 or 4.			
⁴ MATH 2300 may be taken in Year 2, 3 or 4.			
⁵ In order to receive course credit and examination exemptions from future Society of Actuaries (SoA) and VEE courses, students must obtain a minimum grade of "B" in these courses. Contact the Warren Centre for Actuarial Studies and Research for further information.			
⁷ Recommended Electives			
The electives in Year 3 and Year 4 are to be chosen from Actuarial Mathematics, approved Business courses, Computer Science, Economics, Mathematics (3000 or 4000 level) and Statistics (4000 level courses). Other electives may be selected through consultation with the program director.			
Year 3: FIN 3410, STAT 3480			
Year 4: FIN 3270, STAT 4100, STAT 4200, STAT 4520, STAT 4530, STAT 4630.			

ACTUARIAL MATHEMATICS
Program Modifications
2012 – 2013

Proposed Program:

4.1.2 Actuarial Mathematics			
FIRST YEAR	YEAR 2	YEAR 3	YEAR 4
HONOURS ACTUARIAL 120 CREDIT HOURS			
ECON 1010 ⁵ , ECON 1020 ⁵	ACT 2020, ACT 2120	ACT 2210, ACT 3130, ACT 3230, ACT 3340	ACT 4060, ACT 4140, ACT 4340
MATH 1500 ¹ , MATH 1700 ¹ , MATH 1300 ¹	STAT 2400, STAT 3400	STAT 3050, STAT 3800	STAT 3470 ⁵ , STAT 3490 ^{3,5}
STAT 1000, STAT 2000	ACC 1100 ^{2,5} , FIN 2200 ^{2,5} , GMGT 2010		MSCI 2150
3 credit hour "W" requirement	MATH 2720 ¹ , MATH 2730 ¹		
	MATH 2300 ⁴		
6 credit hours of electives ²		<u>12 credit hours of approved electives⁷</u>	12 credit hours of approved electives ⁷
30 Hours	30 Hours	30 Hours	30 Hours
JOINT STATISTICS - ACTUARIAL MATHEMATICS HONOURS: See Section 4.13.3			
NOTES:			
¹ MATH 1510 or MATH 1520 may be taken instead of MATH 1500; MATH 1310 may be taken instead of MATH 1300; MATH 1710 may be taken instead of MATH 1700; MATH 1690 may be taken in place of both MATH 1500 and MATH 1700; MATH 2750 may be taken in place of both MATH 2720 and MATH 2730.			
² Students are strongly urged to complete ACC 1100 in Year 1 when possible. FIN 2200 may be taken in Year 2, 3 or 4; however, it is strongly recommended that it be completed in Year 2. Note that ACC 1100 is a prerequisite for FIN 2200.			
³ STAT 3490 may be taken in Year 3 or 4.			
⁴ MATH 2300 may be taken in Year 2, 3 or 4.			
⁵ In order to receive course credit and examination exemptions from future Society of Actuaries (SoA) and VEE courses, students must obtain a minimum grade of "B" in these courses. Contact the Warren Centre for Actuarial Studies and Research for further information.			
⁷ Recommended Electives			
The electives in Year 3 and Year 4 are to be chosen from Actuarial Mathematics, approved Business courses, Computer Science, Economics, Mathematics (3000 or 4000 level) and Statistics (4000 level courses). Other electives may be selected through consultation with the program director.			
Year 3: FIN 3410, STAT 3480			
Year 4: FIN 3270, STAT 4100, STAT 4200, STAT 4520, STAT 4530, STAT 4630.			

Summary of Changes:

1. Remove ACT 3530 from required courses. Replace ACT 3530 with an extra 3 credit hours of electives.

Rationale:

ACT 3530 will not be offered in the future. What was once taught in ACT 3530 is now taught at the 4000 level and spread across several 4000 level ACT courses.

Biological Sciences

Deletion:

BIOL 4430 Advanced Plant Stress Physiology Cr.Hrs. 3

-3

Modification:

BIOL 4460 Comparative Animal Energetics Cr.Hrs. 3

0

(Formerly ZOOL 4830, 022.483) Energetic strategies of animals living in ecologically diverse environments. Integration of physiological, morphological and behavioural adaptations with an emphasis on vertebrate species. Prerequisites: BIOL 2210 (ZOOL 2320, 022.232) (C) or BIOL 2231 (ZOOL 2501, 022.250) (C); and one of BIOL 2410 (ZOOL 2530, 022.253) (C), BIOL 2411 (ZOOL 2531), BIOL 3470 (BIOL 3462, ZOOL 3530, 022.353) (C), or BIOL 3472 (BIOL 3460, ZOOL 3540, 022.354) (C); or consent of department.

NET CHANGE IN CREDIT HOURS: -3

Biotechnology Program

Program modification:

The program is proposing modifications to the required courses and the list of Recommended General Electives for the Biotechnology Joint Honours and the Biotechnology Joint Major programs, including the Co-operative Options, and to the Program Stream Courses, for the Molecular Biotechnology Stream. The program is proposing the addition of Co-operative Option wording to the Biotechnology section of the Undergraduate Calendar.

BIOTECHNOLOGY PROGRAM
Program Modifications
2012 – 2013

Current Honours Program:

Program Stream Courses:

Molecular Biotechnology

MBIO-3030, BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

BIOE 3200, BIOE 3530, BIOE 4510, BIOL 1300 (BOTN 1010), BIOL 2242 (BOTN 2010), BIOL 2380 (BOTN/ZOOL 2180), BIOL 2260 (BOTN 2210), BIOL 2300 (BOTN/ZOOL 2370), BIOL 3550 (BOTN 3190), BIOL 3290 (BOTN 3280), BIOL 3500 (BOTN 3460), BIOL 4500 (BOTN 4180), BIOL 4550 (BOTN 4460), BIOL 2540 (ZOO 2150), BIOL 3540 (ZOO 3070), BIOL 4540 (ZOO 4150); CHEM 4360, CHEM 4370, CHEM 4590, CHEM 4620, CHEM 4670, CHEM 4700; COMP 1010, COMP 1020, COMP 1260, COMP 1270; ENG 1420; ENTR 2020; MATH 1700¹; MBIO 2110, MBIO 3280 (MBIO 2280), MBIO 3010, MBIO-3030, MBIO 3430, MBIO 4440 (MBIO 3440), MBIO 3450, MBIO 3460, MBIO 3470, MBIO 4480 (MBIO 3480), MBIO 4010, MBIO 4410, MBIO 4470, MBIO 4600, MBIO 4610, MBIO 4672; PHAC 4030, PHAC 4040; PHIL 2740, PHIL 2830; PLNT 3140, PLNT 3500, PLNT 3520, PLNT 3570, PLNT 4310, PLNT 4330, PLNT 4550, PLNT 4560, PLNT 4570, PLNT 4580, PLNT 4590, PLNT 4600; STAT 2000

Other suitable courses may be selected through consultation with the department heads.

4.4.2 Biotechnology Programs (incl. Co-operative Option if selected) - Offered jointly by the Departments of Chemistry and Microbiology			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
JOINT HONOURS (incl. Co-operative Option if selected) 120 credit hours			
BIOL 1020, BIOL 1030	CHEM 2210, CHEM 2220,	CHEM 3590	CHEM 4630
CHEM 1300, CHEM 1310	CHEM 2360 (MBIO 2360),	MBIO 3000, MBIO 3410	MBIO 4520
PHYS 1020 (or PHYS 1050)	CHEM 2370 (MBIO 2370),	PLNT 2530	BIOL 4560, BIOL 4610
MATH 1500 ¹	CHEM 2470		BTEC 4000 (6), PLNT 4610
STAT 1000	MBIO 1010, MBIO 2020		
	BIOL 2500, BIOL 2520		
The requirements listed below can be completed in U1 or Year 2:		The requirements listed below can be completed in 3rd or 4th year:	
6 credit hours from the Faculty of Arts including the required "W" course		27 credit hours of Required Program Stream courses ² and electives ³ .	
6 credit hours of Required Program Stream ² courses or electives ³		Work Terms (if Co-op Selected):	Work Terms (if Co-op Selected):
		BTEC 3980, BTEC 3990	BTEC 4980 and /or BTEC 4990
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510 or 1520 may be used in place of MATH 1500; MATH 1710 may be used in place of MATH 1700.
2. Program stream courses requirements can be found above the Biotechnology program charts.
3. Refer to list of recommended elective courses and complementary Minor programs (listed above charts) prior to registration in your electives.

(The number 6 in brackets indicates a 6 credit hour course.)

BIOTECHNOLOGY PROGRAM
Program Modifications
2012 – 2013

Proposed Honours Program:

Molecular Biotechnology Stream

BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

BIOL 3200, BIOE 3530, BIOE 4510, BIOL 1300 (BOTN 1010), BIOL 2242 (BOTN 2010), BIOL 2380 (BOTN/ZOOL 2180), BIOL 2260 (BOTN 2210), BIOL 2300 (BOTN/ZOOL 2370), BIOL 3550 (BOTN 3190), BIOL 3290 (BOTN 3280), BIOL 3500 (BOTN 3460), BIOL 4500 (BOTN 4180), BIOL 4550 (BOTN 4460), BIOL 2540 (ZOO 2150), BIOL 3540 (ZOO 3070), BIOL 4540 (ZOO 4150); CHEM 4360, CHEM 4370, CHEM 4590, CHEM 4620, CHEM 4670, CHEM 4700; COMP 1010, COMP 1020, COMP 1260, COMP 1270; ENG 1420; ENTR 2020; MATH 1700¹; MBIO 2110, MBIO 3280 (MBIO 2280), MBIO 3010, MBIO 3430, MBIO 4440 (MBIO 3440), MBIO 3450, MBIO 3460, MBIO 3470, MBIO 4480 (MBIO 3480), MBIO 4010, MBIO 4410, MBIO 4470, MBIO 4600, MBIO 4610, MBIO 4672; PHAC 4030, PHAC 4040; PHIL 2740, PHIL 2830; PLNT 3140, PLNT 3500, PLNT 3520, PLNT 3570, PLNT 4310, PLNT 4330, PLNT 4550, PLNT 4560, PLNT 4570, PLNT 4580, PLNT 4590, PLNT 4600; STAT 2000

Other suitable courses may be selected through consultation with the department heads.

4.4.2 Biotechnology Programs (incl. Co-operative Option if selected) - Offered jointly by the Departments of Chemistry and Microbiology			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
JOINT HONOURS (incl. Co-operative Option if selected) 120 credit hours			
BIOL 1020, BIOL 1030	CHEM 2210, CHEM 2220,	CHEM 3590	CHEM 4630
CHEM 1300, CHEM 1310	CHEM 2360 (MBIO 2360),	MBIO 3000, MBIO 3030 ,	MBIO 4520
PHYS 1020 (or PHYS 1050)	CHEM 2370 (MBIO 2370),	MBIO 3410	BIOL 4560
MATH 1500 ¹	CHEM 2470	PLNT 2530	BTEC 4000 (6), PLNT 4610
STAT 1000	MBIO 1010, MBIO 2020		
	BIOL 2500, BIOL 2520		
The requirements listed below can be completed in U1 or Year 2:		The requirements listed below can be completed in 3rd or 4th year:	
6 credit hours from the Faculty of Arts including the required "W" course		27 credit hours of Required Program Stream courses ² and electives ³ .	
6 credit hours of Required Program Stream ² courses or electives ³		Work Terms (if Co-op Selected):	Work Terms (if Co-op Selected):
		BTEC 3980, BTEC 3990	BTEC 4980 and /or BTEC 4990
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

1. MATH 1510 or 1520 may be used in place of MATH 1500; MATH 1710 may be used in place of MATH 1700.
2. Program stream courses requirements can be found above the Biotechnology program charts.
3. Refer to list of recommended elective courses and complementary Minor programs (listed above charts) prior to registration in your electives.
 (The number 6 in brackets indicates a 6 credit hour course.)

Summary of Changes:

1. Add MBIO 3030 as a required course (remove from Molecular Biotech Stream, and elective list).
2. Remove BIOL 4610 from program.

Rationale: MBIO 3030 is a prerequisite for MBIO 4520 (req'd course) and it contains important information for Biotechnology students.

BIOL 4610 has never been offered and there are no plans in place to offer it in the near future.

BIOTECHNOLOGY PROGRAM
Program Modifications
2012 – 2013

Current Major Degree Program:

Program Stream Courses:

Molecular Biotechnology

MBIO 3030, BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

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

Recommended General Electives if not required in Program stream:

All courses in above described Minors.

Appropriate pre-requisites must also be taken for all Electives.

BIOE 3200, BIOE 3530, BIOE 4510, BIOL 1300 (BOTN 1010), BIOL 2242 (BOTN 2010), BIOL 2380 (BOTN/ZOOL 2180), BIOL 2260 (BOTN 2210), BIOL 2300 (BOTN/ZOOL 2370), BIOL 3550 (BOTN 3190), BIOL 3290 (BOTN 3280), BIOL 3500 (BOTN 3460), BIOL 4500 (BOTN 4180), BIOL 4550 (BOTN 4460), BIOL 2540 (ZOOL 2150), BIOL 3540 (ZOOL 3070), BIOL 4540 (ZOOL 4150); CHEM 4360, CHEM 4370, CHEM 4590, CHEM 4620, CHEM 4670, CHEM 4700; COMP 1010, COMP 1020, COMP 1260, COMP 1270; ENG 1420; ENTR 2020; MATH 1700¹; MBIO 2110, MBIO 3280 (MBIO 2280), MBIO 3010, MBIO 3030, MBIO 3430, MBIO 4440 (MBIO 3440), MBIO 3450, MBIO 3460, MBIO 3470, MBIO 4480 (MBIO 3480), MBIO 4010, MBIO 4410, MBIO 4470, MBIO 4600, MBIO 4610, MBIO 4672; PHAC 4030, PHAC 4040; PHIL 2740, PHIL 2830; PLNT 3140, PLNT 3500, PLNT 3520, PLNT 3570, PLNT 4310, PLNT 4330, PLNT 4550, PLNT 4560, PLNT 4570, PLNT 4580, PLNT 4590, PLNT 4600; STAT 2000

Other suitable courses may be selected through consultation with the department heads.

JOINT 4-YEAR MAJOR (incl. Co-operative Option if selected) 120 credit hours			
BIOL 1020, BIOL 1030	CHEM 2210, CHEM 2220, CHEM 2360 (MBIO 2360), CHEM 2370 (MBIO 2370), CHEM 2470	CHEM 3590 MBIO 3000, MBIO 3410 PLNT 2530	CHEM 4630 MBIO 4520 BIOL 4560, BIOL 4610 PLNT 4610
MATH 1500 ¹	MBIO 1010, MBIO 2020		
STAT 1000	BIOL 2500, BIOL 2520		
The requirements listed below can be completed in U1 or Year 2: 6 credit hours from the Faculty of Arts including the required "W" course 6 credit hours of Required Program Stream Courses ² and / or approved electives ³		The requirements listed below can be completed during 3rd and 4th year: 33 credit hours of Required Program Stream Courses ² and approved electives ³ .	
		Work Terms (if Co-op Selected): BTEC 3980, BTEC 3990	Work Terms (if Co-op Selected): BTEC 4980 and/or BTEC 4990
NOTES: 4. MATH 1510 or 1520 may be used in place of MATH 1500; MATH 1710 may be used in place of MATH 1700. 5. Program stream courses requirements can be found above the Biotechnology program charts. 6. Refer to list of recommended elective courses and complementary Minor programs (listed above charts) prior to registration in your electives. (The number 6 in brackets indicates a 6 credit hour course.)			

BIOTECHNOLOGY PROGRAM
Program Modifications
2012 – 2013

Proposed Major Degree Program:

Molecular Biotechnology

BIOL 4550, MBIO 4600, MBIO 4610, MBIO 4672

Recommended General Electives if not required in Program stream:

All courses in above described Minors.

Appropriate pre-requisites must also be taken for all Electives.

BIOL 3200, BIOE 3530, BIOE 4510, BIOL 1300 (BOTN 1010), BIOL 2242 (BOTN 2010), BIOL 2380 (BOTN/ZOOL 2180), BIOL 2260 (BOTN 2210), BIOL 2300 (BOTN/ZOOL 2370), BIOL 3550 (BOTN 3190), BIOL 3290 (BOTN 3280), BIOL 3500 (BOTN 3460), BIOL 4500 (BOTN 4180), BIOL 4550 (BOTN 4460), BIOL 2540 (ZOO 2150), BIOL 3540 (ZOO 3070), BIOL 4540 (ZOO 4150); CHEM 4360, CHEM 4370, CHEM 4590, CHEM 4620, CHEM 4670, CHEM 4700; COMP 1010, COMP 1020, COMP 1260, COMP 1270; ENG 1420; ENTR 2020; MATH 1700¹; MBIO 2110, MBIO 3280 (MBIO 2280), MBIO 3010, MBIO 3430, MBIO 4440 (MBIO 3440), MBIO 3450, MBIO 3460, MBIO 3470, MBIO 4480 (MBIO 3480), MBIO 4010, MBIO 4410, MBIO 4470, MBIO 4600, MBIO 4610, MBIO 4672; PHAC 4030, PHAC 4040; PHIL 2740, PHIL 2830; PLNT 3140, PLNT 3500, PLNT 3520, PLNT 3570, PLNT 4310, PLNT 4330, PLNT 4550, PLNT 4560, PLNT 4570, PLNT 4580, PLNT 4590, PLNT 4600; STAT 2000

Other suitable courses may be selected through consultation with the department heads.

JOINT 4-YEAR MAJOR (incl. Co-operative Option if selected) 120 credit hours			
BIOL 1020, BIOL 1030	CHEM 2210, CHEM 2220, CHEM 2360 (MBIO 2360), CHEM 2370 (MBIO 2370), CHEM 2470	CHEM 3590 MBIO 3000, <u>MBIO 3030</u> , MBIO 3410	CHEM 4630 MBIO 4520 BIOL 4560 PLNT 4610
PHYS 1020 (or PHYS 1050)		PLNT 2530	
MATH 1500 ¹	MBIO 1010, MBIO 2020		
STAT 1000	BIOL 2500, BIOL 2520		
The requirements listed below can be completed in U1 or Year 2:		The requirements listed below can be completed during 3rd and 4th year:	
6 credit hours from the Faculty of Arts including the required "W" course		33 credit hours of Required Program Stream Courses ² and approved electives ³ .	
6 credit hours of Required Program Stream Courses ² and / or approved electives ³		Work Terms (if Co-op Selected): BTEC 3980, BTEC 3990	Work Terms (if Co-op Selected): BTEC 4980 and /or BTEC 4990
NOTES: 1. MATH 1510 or 1520 may be used in place of MATH 1500; MATH 1710 may be used in place of MATH 1700. 2. Program stream courses requirements can be found above the Biotechnology program charts. 3. Refer to list of recommended elective courses and complementary Minor programs (listed above charts) prior to registration in your electives. (The number 6 in brackets indicates a 6 credit hour course.)			

Summary of Changes:

1. Add MBIO 3030 as a required course (remove from Molecular Biotech Stream, and elective list).
2. Remove BIOL 4610 from program.

Rationale: MBIO 3030 is a prereq for MBIO 4520 (req'd course) and it contains important information for Biotechnology students.
 BIOL 4610 has never been offered and there are no plans in place to offer it in the near future.

BIOTECHNOLOGY PROGRAM

Program Modification

2012 – 2013

Addition of Co-op Wording to Biotechnology section of the calendar.

Biotechnology Honours Cooperative Option

Students interested in alternating academic terms and terms of paid employment as part of their Honours Biotechnology program may enter the Cooperative Option in April of their second year in Honours Biotechnology. This program provides students with a minimum of 12 months of paid employment by the time they graduate. It enables them to obtain work experience in research and industry with participating firms, government agencies and university units.

The course and grade requirements **for entry** to this option are the same as those required for entry to the regular Honours program, as indicated in the chart. Students are required to complete the first and second year requirements of the program; and MBIO 3410 before they begin their first employment term. Students should refer to the general faculty regulations for B.Sc. (Honours) Cooperative Options in Section 3.6.

To continue in the Honours Cooperative program a student must maintain a minimum GPA of 3.00, successfully complete each work term, and complete a minimum of 9 credit hours during each academic term. Students should note that the grade requirements for the Cooperative Option are the same as that for the regular Honours program (see above).

Students must check with the Co-op office for the April application deadline information. They will normally be notified of their provisional acceptance in the program by September. Acceptance into the program is dependent upon the student receiving an employment placement. Employment term positions available to the students will be approved by the department, and the employers will select the students they wish to employ. Students are advised that satisfying the entrance requirements does not guarantee a place in the Cooperative Option if the demand for places exceeds the number of places available. The department reserves the right to determine and select the best qualified applicants.

Students are required to register in and pay fees for each employment term prior to the commencement of each employment term. Students will be required to submit an employment report upon the completion of each employment term.

Biotechnology 4 Year Major Cooperative Option

Students interested in alternating employment terms and academic terms as part of their Major program in Biotechnology may enter the Cooperative Option in April of their second year in Biotechnology. This program provides students with a minimum of 12 months of paid employment by the time they graduate. It enables them to obtain work experience in research and industry with participating firms, government agencies and University units.

The course and grade requirements for entry to this option are the same as those required for entry to the regular Major program. MBIO 3410 is required in Year 3. Students are required to complete the first and second year requirements of the program and MBIO 3410 before they begin their first employment term. See the general faculty regulations for B.Sc. (Major) Cooperative Option in Section 3.4.

Students must check with the Co-op office for the April application deadline information. They will normally be notified of their provisional acceptance in the program by September. Acceptance into the program is dependent upon the student receiving an employment placement. Employment term positions available to the students will be approved by the department, and the employers will select the students they wish to employ. Students are advised that satisfying the entrance requirements does not guarantee a place in the Cooperative Option if the demand for places exceeds the number of places available. The department reserves the right to determine and select the best qualified applicants.

Students are required to register in and pay fees for each employment term prior to the commencement of each employment term. Students will be required to submit an employment report upon the completion of each employment term.

Rationale:

Previous oversight.

Co-op has been an option in the Biotechnology program for several years, and it was recently discovered that there was no Co-operative option description in the Biotechnology section of the calendar.

Computer Science

Program modification:

The department is proposing modifications to the required courses for three area specializations: Human-Computer Interaction and Computer Graphics, Computer Systems, and Artificial Intelligence.

DEPARTMENT OF COMPUTER SCIENCE Program Modifications 2012 – 2013

Current:

Area Specializations Students who obtain a grade of "C" or better in the courses listed for an area of specialization will receive a notation on their transcript stating that they have met the requirements of that specialization. Students may obtain such a notation for more than one area.	Human-Computer Interaction and Computer Graphics Requires: COMP 2190, COMP 3020, and COMP 3490; one of COMP 4020 or COMP 4490.
Theoretical Computer Science Requires: COMP 3170, COMP 3030, and COMP 4420; and two of COMP 4340, 4140, and/or COMP 4510.	Databases Requires: COMP 3380 and COMP 4380; and one of COMP 4710 or COMP 4740.
Networks and Security Requires: COMP 3720, COMP 4140, COMP 4580, and COMP 4720.	Software Engineering Requires: COMP 3010, COMP 3020, COMP 3040, COMP 3380, COMP 3620, COMP 4050, and COMP 4350.
Artificial Intelligence Requires: COMP 3190; and two of COMP 4190, COMP 4200, and/or COMP 4360.	Computer Systems Requires: One of COMP 3010, COMP 3090, or COMP 3290; and two of COMP 4430, COMP 4550, COMP 4510, and/or COMP 4690.

Proposed:

Area Specializations Students who obtain a grade of "C" or better in the courses listed for an area of specialization will receive a notation on their transcript stating that they have met the requirements of that specialization. Students may obtain such a notation for more than one area.	Human-Computer Interaction and Computer Graphics Requires: COMP 3020 and COMP 3490; one of COMP 4020 or COMP 4490.
Theoretical Computer Science Requires: COMP 3170, COMP 3030, and COMP 4420; and two of COMP 4340, 4140, and/or COMP 4510.	Databases Requires: COMP 3380 and COMP 4380; and one of COMP 4710 or COMP 4740.
Networks and Security Requires: COMP 3720, COMP 4140, COMP 4580, and COMP 4720.	Software Engineering Requires: COMP 3010, COMP 3020, COMP 3040, COMP 3380, COMP 3620, COMP 4050, and COMP 4350.
Artificial Intelligence Requires: COMP 3190; and two of <u>COMP 4180</u> , COMP 4190, COMP 4200, and/or COMP 4360.	Computer Systems Requires: One of COMP 3010 or COMP 3290; and two of COMP 4430, COMP 4550, COMP 4510, and/or COMP 4690.

Summary of Changes:

- 1) Remove COMP 2190 from the HCI/Graphics specialization.
- 2) Remove COMP 3090 from Computer Systems.
- 3) Add COMP 4180 to Artificial Intelligence Specialization.

Rationale:

- COMP 2190 (Introduction to Scientific Computing) is not required for a Graphics specialization.
- COMP 3090 has been deleted.
- COMP 4180 is one of the 4th year AI course and adding this course to the list provides students with greater flexibility so that they can satisfy the area of specialization.

Genetics

Program modification:

The program is proposing modifications to the Genetics Program(s) Option Course listing.

GENETICS PROGRAM Program Modifications 2012 – 2013

Proposed Changes to Genetics Program(s) Option Course listing:

The optional courses are:

Biological Sciences: BIOL 2410, BIOL 2420, BIOL 2540, BIOL 3290, BIOL 3300, BIOL 3560, BIOL 4500, BIOL 4540, BIOL 4542, BIOL 4560

Chemistry: CHEM 2280, CHEM 2290, CHEM 4360, CHEM 4370, CHEM 4620, CHEM 4630

Microbiology: MBIO 3000, MBIO 3010, MBIO 3030, MBIO 3430, MBIO 3440, MBIO 3450, MBIO 3460, MBIO 4010, **MBIO 4020²**, MBIO 4410, MBIO 4530¹ (6), MBIO 4540, MBIO 4670 (or the former MBIO 4570), **MBIO 4672²**, MBIO 4600, MBIO 4610.

Forensic Science: FORS 2000

Computer Science: COMP 1010, COMP 1020, COMP 1260, COMP 1270

Physics: PHYS 1020, PHYS 1030, PHYS 1050, PHYS 1070

Animal Science: ANSC 3500, ANSC 4280

Pharmacology: PHAC 4030, PHAC 4040

Plant Science: PLNT 2530, PLNT 3500, PLNT 3520, PLNT 4330, PLNT 4610

Human Genetics: BGEN 4010¹

By an appropriate selection of courses from this list, students can obtain particular program emphasis in either plant, human or molecular genetics.

All programs must contain a minimum of 18 credit hours of 4000 level courses as options in Years 3 and 4.

Other suitable optional courses may be arranged through consultation with the Genetics program committee.

NOTES:

1. MBIO 4530 (6) and BGEN 4010 are project courses. A research project is chosen in consultation with the Microbiology department (MBIO 4530) or Biochemistry and Medical Genetics (BGEN 4010) and the Genetics program committee, and is supervised by a staff member. Only one of MBIO 4530 or BGEN 4010 may be elected in this program.

2. MBIO 4020 and MBIO 4672 are not available options for students in the Genetics Honours Degree program.

Summary of Changes:

Add MBIO 4020 and MBIO 4672 to the list of available of optional courses to students in the Genetics Major Degree program.

Rationale:

MBIO 4020 and MBIO 4672 are the Major degree versions of MBIO 4010 and MBIO 4670 respectively. These courses should have been added to the option list when the Genetics Major degree program was introduced in June 2009.

Psychology

Program modification:

The department is proposing modifications to the required number of credit hours for the Bachelor of Arts (Honours) and Bachelor of Science (Honours) in Psychology, which would involve changes to the course requirements for year three of the program.

DEPARTMENT OF PSYCHOLOGY

Program Modifications

2012 – 2013

Proposed Change to the Psychology Honours Program

Problems to be addressed:

1. The number of credit hours necessary to receive a 4-year, Advanced Bachelor of Arts degree in Psychology is 120 credit hours, whereas the number of credit hours necessary to receive an Honours-Level Bachelor of Arts degree in Psychology is only 114 hours. Thus, receiving a B. A. (Honours) degree in Psychology currently requires the completion of fewer credit hours than receiving a lower-profile, B. A. (Advanced) degree in Psychology.
2. For some occupations, different numbers of credit hours completed determine the starting salary for graduates of our program. For example, students trained by our School Psychology master's program will receive a higher starting wage if they have completed 120 undergraduate credit hours than if they have only completed 114 undergraduate credit hours. In many cases, by enhancing our graduates' qualifications, the proposed change in honours program requirements will have important practical consequences for our students' future finances and career advancement.
3. The Bachelor of Science (Honours) degree in Psychology already requires completion of 120 credit hours. As a result, the proposed change will make the requirement for completing a B. A. (Honours) degree in Psychology consistent with those required for completing a B. Sc. (Honours) degree in Psychology.

Proposed Solution:

To add an additional requirement that students must complete 6 additional credits (3 credits at either the 4000-level or one of PSYC 3520, PSYC 3560, and PSYC 3590 and a 3 credit Free Option) to receive a Bachelor of Arts (Honours) degree in Psychology. This change would bring the total credits required for the degree up from 114 to 120.

Implications for the Honours Psychology degree programs through the Faculty of Science

This proposed change to the Bachelor of Arts (Honours) program in Psychology would also result in a change to the Bachelor of Science (Honours) program in Psychology, requiring students to complete either 1 additional 4000-level seminar course or one of PSYC 3520, PSYC 3560, and PSYC 3590. This additional requirement would not alter the total number of course credits that would be necessary for students to complete in order to qualify for their degree, which would remain at 120 credits.

Here is a contrast of the existing requirements for a Bachelor of Science (Honours) degree in Psychology with the new set of requirements according to the current proposal:

Current Requirements by Year

Year 1:

PSYC 1200 or PSYC 1211 and PSYC 1221 (6 credits, in total)

6 credit hours in Science courses

18 credit hours of ancillary options (any non-Psychology courses acceptable for credit in the Faculty of Science)

Total = 30 credits

Year 2:

PSYC 2250 and PSYC 2260 (6 credits, in total)

6 credit hours in 2000- or 3000-level Psychology courses

15 credit hours in Science courses

3 credit hours in free options (any courses acceptable for credit in the Faculty of Science, including Psychology courses)

Total = 30 credits

Year 3:

PSYC 3340 or PSYC 3630 (3 credits)

PSYC 3200 (3 credits)

15 credit hours in 2000- or 3000-level Psychology courses

9 credit hours in Science courses

Total = 30 credits

Year 4:

PSYC 4520 (6 credits)

6 credit hours in Psychology courses at the 4000-level.

12 credit hours in 2000- or 3000-level Psychology courses

6 credit hours in Science courses

Total = 30 credits

*Students must also complete a minimum of 3 credits of psychology courses corresponding to 5 different subfields (Personality/Social, Developmental, Learning, Cognitive, and Biological)

Proposed New Requirements in Bold

Year 1:

PSYC 1200 or PSYC 1211 and PSYC 1221 (6 credits, in total)

6 credit hours in Science courses

18 credit hours of ancillary options (any non-Psychology courses acceptable for credit in the Faculty of Science)

Total = 30 credits

Year 2:

PSYC 2250 and PSYC 2260 (6 credits, in total)

6 credit hours in 2000- or 3000-level Psychology courses

15 credit hours in Science courses

3 credit hours in free options (any courses acceptable for credit in the Faculty of Science, including Psychology courses)

Total = 30 credits

Year 3:

PSYC 3340 or PSYC 3630 (3 credits)

PSYC 3200 (3 credits)

12 credit hours in 2000- or 3000-level Psychology courses

9 credit hours in Science courses

3 credit hours in Psychology courses at the 4000-level; or, one of: PSYC 3520, PSYC 3560, or PSYC 3590.

Total = 30 credits

Year 4:

PSYC 4520 (6 credits)

6 credit hours in Psychology courses at the 4000-level.

12 credit hours in 2000- or 3000-level Psychology courses

6 credit hours in Science courses

Total = 30 credits

*Students must also complete a minimum of 3 credits of psychology courses corresponding to 5 different subfields (Personality/Social, Developmental, Learning, Cognitive, and Biological)

Impact on Current Students

These new requirements for completing the Bachelor of Arts (Honours) and Bachelor of Science (Honours) degrees in Psychology would not be applied to students who are currently progressing through these programs. These requirements would only apply to students freshly admitted to these programs after these changes have been formally approved.

Proposed Program Chart:

4.12.2 Psychology			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS² 120 CREDIT HOURS (comprising courses listed in chart below, and electives)			
PSYC 1200 (B+) (or PSYC 1211 (B+) and PSYC 1221 (B+)) (6) 6 credit hours Science ¹ (B)	PSYC 2250, PSYC 2260 6 credit hours 2000 or 3000 level ² Psychology 15 credit hours Science ⁵ 3 credit hours options ⁶	One of: PSYC 3630 or PSYC 3340 PSYC 3200 3 credit hours from: PSYC 3520, PSYC 3560, PSYC 3590 or a 4000 level PSYC course 12 credit hours Psychology³ 9 credit hours Science ⁵	PSYC 4520 (6) 18 credit hours Psychology ⁴ 6 credit hours Science ⁵
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

¹ Introductory courses in Biological Sciences, Chemistry, Computer Science, Mathematics, or Statistics are highly recommended.

² These 6 credit hours must include 3 credit hours from each of two different lettered categories of Psychology courses below.

³ These 12 credit hours must include 3 credit hours from each of two different lettered categories of Psychology courses below and not sampled in Year 2.

⁴ These 18 credit hours must include 6 credit hours at the 4000 level; and 6 credit hours at any level including any remaining lettered category below.

⁵ The Science courses that are chosen must be approved by the Department of Psychology and must include a minimum of 18 credit hours at the 2000 level or above.

⁶ Free options are to be chosen from courses that are acceptable for credit in the Faculty of Science and must be approved by the Department of Psychology.

⁷ During Years 2 to 4 a total of 42 credit hours of 2000 or 3000 level Psychology courses must be completed, including a minimum of 3 credit hours from each of four of the five lettered categories of courses below.

⁸ The courses required in this program satisfy the university mathematics requirement.

⁹ IMPORTANT: The four year Major program need not be completed in the manner prescribed in the chart above. The chart indicates one possible arrangement of the required courses and is meant to be a guide around which students can plan their program.

(Letters in brackets indicated minimum prerequisite standing required for further study. The number 6 in brackets indicates a 6 credit hour course.)

Categories of Psychology Courses

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

Statistics

Program modification:

The department is proposing modifications to the required courses for the Statistics – Actuarial Joint Honours program and a change to the number of elective credit hours in year three of the program.

DEPARTMENT OF STATISTICS

Program Modifications

2012 – 2013

Proposed Change to Statistics-Actuarial Joint Honours program:

4.13.3 Statistics - Actuarial Mathematics Joint Honours Program

The Department of Statistics and the Warren Centre for Actuarial Studies and Research offer a joint Honours program for students wishing in depth study in Statistics and Actuarial Mathematics.

Entry Requirements:

To enter the Joint Honours program, students must have completed 24 credit hours with a minimum DGPA of 3.00. Students must also obtain a minimum grade of "B" in one of the following courses: an approved Written English course, (both of) ECON 1010 and ECON 1020, MATH 1300, MATH 1500, MATH 1700 or STAT 1000; and must also obtain a minimum grade of "B" in STAT 2000.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00 and a minimum grade of "C+" on all required Actuarial Mathematics (ACT) courses and a grade of "C" on all remaining courses that contribute to the 120 credit hours of the degree.

NOTE: In order to receive course credit for, and examination exemptions from, future Society of Actuaries (SoA) and VEE courses, students must obtain a minimum grade of "B" in the following courses: ECON 1010, ECON 1020, ACC 1100, FIN 2200, STAT 3470, and STAT 3490. Contact the Warren Centre for Actuarial Studies and Research for further information.

Recommended Electives:

ACT 4000, ACT 4150, ACT 4240; FIN 3410; COMP 1010; STAT 4630

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
JOINT HONOURS 120 CREDIT HOURS			
STAT 1000, STAT 2000 (B)	STAT 2400, STAT 3400	STAT 3050, STAT 3480, STAT 3800	STAT 3470 ³ , STAT 3490 ³ , STAT 4100, STAT 4200, STAT 4520, STAT 4530
ECON 1010 ³ , ECON 1020 ³	ACT 2020, ACT 2120	ACT 2210, ACT 3130, ACT 3230, ACT 3340	ACT 4060, ACT 4140, ACT 4340
MATH 1300 ¹ , MATH 1500 ¹ , MATH 1700 ¹	ACC 1100 ^{2,3} , FIN 2200 ^{2,3}	MSCI 2150	
3 credit hour "W" course	MATH 2720 ¹ , MATH 2730 ¹ MATH 2300 ¹		
6 credit hours of electives	3 credit hours of approved electives	6 credit hours of approved electives	3 credit hours of approved electives
30 Hours	30 Hours	30 Hours	30 Hours

NOTES:

¹ MATH 1310 may be taken in place of MATH 1300; MATH 1510, or MATH 1520 may be taken in place of MATH 1500; MATH 1710 may be taken in place of MATH 1700; MATH 1690 may be taken in place of both of MATH 1500 and MATH 1700; MATH 2750 may be taken in place of both of MATH 2720 and MATH 2730; MATH 2352 (6) may be taken in place of MATH 2300.

² Students are strongly urged to complete ACC 1100 in Year 1 when possible. FIN 2200 may be taken in Year 2, 3 or 4; however, it is strongly recommended that it be completed in Year 2. Note that ACC 1100 is a prerequisite for FIN 2200.

³ In order to receive course credit for, and examination exemptions from, future Society of Actuaries (SoA) and VEE courses, students must obtain a minimum grade of "B" in these courses.

(Letters in brackets indicate minimum prerequisite standing for further study.)

Summary of Changes

1. Remove ACT 3530 from program.
2. Increase year 3 electives from three credit hours to six credit hours.

Rationale:

ACT 3530 will not be offered in the future. What was once taught in ACT 3530 is now taught at the 4000 level and spread across several 4000 level ACT courses.

Université de Saint-Boniface

Geography

Deletions:

GEOG 2481 Géographie de la population Cr.Hrs. 6	-6
GEOG 3701 Canada: évolution de l'écoumène (A) Cr.Hrs. 6	-6

Introduction:

GEOG 2331 Espace, populations et migrations: perspectives géographiques Cr.Hrs. 3	+3
Étude des facteurs qui déterminent le nombre et la répartition des populations. Une analyse des variations dans le fécondité, la mortalité et les migrations, ainsi qu'une analyse des causes et conséquences de ces variations. On ne peut pas se faire créditer GEOG 2331 et aucun des cours suivants: GEOG 2330, GEOG 2480 (ancien 053.248), GEOG 2481. Préalable: Une note minimale de C dans un cours de géographie de 3 crédits de niveau 1000 ou l'autorisation écrite de la professeure ou du professeur.	

NET CHANGE IN CREDIT HOURS: -9

Microbiology

Introduction:

MBIO 4531 Projet de recherche en microbiologie Cr.Hrs. 6	+6
Un projet de recherche choisi en consultation avec l'administrateur du cours ou un superviseur approprié de la faculté. Un rapport écrit à mi-parcours et un rapport oral et écrit à la fin du projet sont exigés. Ce cours est offert uniquement aux étudiant(e)s dans leur dernière année du programme de majeure conjointe en biochimie-microbiologie, d'un programme avec honneur en microbiologie, ou d'un programme de génétique. On ne peut se faire créditer le MBIO 4531 et aucun des cours MBIO 4530, CHEM 4710, CHEM 4711 (002.471). Donné seulement à l'Université de Saint-Boniface.	

NET CHANGE IN CREDIT HOURS: +6

Philosophy

Deletion:

PHIL 3551 Philosophie de l'éducation Cr.Hrs. 6	-6
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Introduction:

PHIL 2811 Philosophie de l'éducation Cr.Hrs. 3	+3
Présentation des thèmes centraux à la philosophie de l'éducation: quels sont les traits désirables à acquérir, pourquoi le sont-ils et comment peut-on les acquérir. Le cours présente également différentes réponses à ces questions qu'apportent les théories de la nature humaine. On ne peut se faire créditer PHIL 2811 et aucun de l'ancien PHIL 2810 (ancien 015.281), l'ancien PHIL 3550 (ancien 015.355), PHIL 3551. Préalable: avoir complété avec succès 30 crédits universitaires.	

PHIL 3223 Philosophie et littérature Cr.Hrs. 3 +3
 Les sujets abordés incluent: l'analyse de l'acte de la lecture, la structure fondamentale de l'oeuvre littéraire, les qualités esthétiques de la nouvelle et du roman, la vérité et le mensonge en littérature, le rôle de la littérature dans l'éducation. Dans la deuxième partie, on propose une analyse philosophique des oeuvres célèbres de Heinrich von Kleist, de Dostoïevski et d'Orwell. Préalable: avoir complété avec succès 30 crédits universitaires.

PHIL 3225 Anthropologie philosophique Cr.Hrs. 3 +3
 L'anthropologie philosophique naît du questionnement et de la réflexion portant sur la nature et le sens de la vie humaine. Au-delà de l'analyse proprement philosophique des traits caractéristiques de l'être humain, elle cherche à intégrer et à mettre en valeur les contributions des sciences humaines. Après avoir présenté les point de vue des principaux représentants de ce courant de pensée (Scheler, Plessner, Gehlen, Straus), ce cours propose une réflexion approfondie sur les principales dimensions de l'existence humaine. On ne peut se faire créditer PHIL 3225 et PHIL 3571. Préalable: avoir complété avec succès 30 crédits universitaires.

NET CHANGE IN CREDIT HOURS: -3

Religion

Deletion:

RLGN 3261 Les religions et les femmes (C) Cr.Hrs. 3 -3

Introduction:

RLGN 2681 Les femmes et les religions 1 (C) Cr.Hrs. 3 +3
 Le contenu de ce cours varie d'année en année. Toutefois, il traite, à travers divers modèles interprétatifs contemporains, de sujets d'intérêt courant en relation avec la compréhension et le rôle des femmes dans les différentes traditions religieuses. On ne peut pas se faire créditer RLGN 2681 et RLGN 2680 (l'ancien 020.268). Donné à l'Université de Saint-Boniface.

NET CHANGE IN CREDIT HOURS: 0

Spanish

Introduction:

SPAN 2551 Espagnol: langue avancée et composition Cr.Hrs. 3 +3
 Le but de ce cours, destiné aux étudiantes et aux étudiants qui ont atteint une maîtrise de niveau intermédiaire de l'espagnol, est d'améliorer leur niveau de langue et l'habileté de leur expression écrite. On ne peut pas se faire créditer SPAN 2551 et SPAN 2550 (l'ancien 044.255). Préalable : Une note minimale de C dans SPAN 1261 ou SPAN 1262 ou SPAN 1280 ou SPAN 1290 ou l'ancien SPAN 1260 (044.126) ou l'ancien TRAD 1261 (122.126) ou l'autorisation écrite du professeur ou de la professeure.

NET CHANGE IN CREDIT HOURS: +3

German

Modification:

GRMN 3201 Deutsche Sprachpraxis 1 Cr.Hrs. 6 0

(L'ancien 008.320) Usage de l'allemand contemporain par la conversation, l'écriture et les exercices pratiques; étude de textes fictifs et non-fictifs et de films. L'accent est mis sur l'acquisition de vocabulaire et sur les particularités stylistiques et structurelles. On ne peut se faire créditer le GRMN 3201 (008.320) et le GRMN 3200 (008.320). Préalable: une note minimale de C dans GRMN 2100 (008.210) ou GRMN 2101 (008.210). Donnée à l'Université de Saint-Boniface.

NET CHANGE IN CREDIT HOURS: 0

Management

Introduction:

GMGT 4211 Séminaire en gestion et capitalisme Cr.Hrs. 3 +3
Étude des institutions, des évolutions et des débats associés au capitalisme moderne et de leurs implications pour la gestion. Exploration d'autres perspectives de gestion et des interactions bidirectionnelles dans le contexte d'enjeux plus vastes. Cours conçu de manière à présenter une diversité de perspectives afin de ne pas en privilégier une par rapport aux autres. On ne peut se faire créditer le GMGT 4211 et le GMGT 4210. Préalables: [GMGT 1011 (D) ou GMGT 1010 (D)] ou [GMGT 2121 (D) ou GMGT 2120 (D)]. Donnée à l'Université de Saint-Boniface.

Modifications:

ENTR 4511 Entrepreneurship et création d'entreprises Cr.Hrs. 3 0
(L'ancien 118.451) Ce cours porte sur la création d'entreprise. Lancement d'entreprise; caractéristiques de l'entrepreneur; plan d'entreprise; définition du projet; détermination du marché; fonctions administratives; problèmes particuliers au lancement d'entreprise, aide gouvernementale. On ne peut se faire créditer ce cours avec le ENTR 4100 (ou 118.410). Préalable: [ACC 1101 (D) ou ACC 1100 (ou 009.110) (D)] et [MKT 2211 (D) ou MKT 2210 (ou 118.221) (D)], et [GMGT 2030 (ou 027.203) (D) ou (GMGT 2061 (D) ou GMGT 2060 (D) ou (GMGT 2081 (D)) ou GMGT 2080 (ou 027.208) (D))]. Donnée à l'Université de Saint-Boniface.

MKT 4211 Gestion du marketing Cr.Hrs. 3 0
(Ancien 118.421) Examen des stratégies et des tactiques de marketing que les managers utilisent pour leurs produits et services à différents niveaux du cycle de vie du produit. Utilisation des analyses qualitatives et quantitatives pour développer la pensée critique essentielle à la prise de décision en marketing. Ne peut être pris qu'en dernière année du programme. On ne peut se faire créditer le MKT 4211 et le MKT 4210. Préalables: [MKT 3221 (D) ou le MKT 3220 (ancien 118.332) (D)] ou [MKT 3231 (D) ou le MKT 3230 (ancien 118.323)(D)] et [un cours additionnel de marketing niveau 3000 ou 4000 (D)] et [ACC 1111 (D) ou ACC 1110 (ancien 009.111) (D)]. Prérequis ou concomitants: seulement un des deux cours suivants: [MKT 3221 ou le MKT 3220 (ancien 118.332) (D)] ou [MKT 3231 ou le MKT 3230 (ancien 118.323)(D)]. Donnée à l'Université de Saint-Boniface.

GMGT 3561 Séminaire en management Cr.Hrs. 3 0
(L'ancien 027.356) Analyse de la gestion d'organisation: Réflexion critique sur des sujets d'actualité pertinents. L'étudiant(e) ne peut se faire créditer à la fois le GMGT 3561 (ou 027.356) et [le GMGT 3020 (ou 027.302) ou le GMGT 3560]. Préalable: [(GMGT 2061 (D) ou GMGT 2060 (D)) ou (GMGT 2081 (D) ou GMGT 2080 (ou 027.208) (D))] et [GMGT 2071 (D) ou GMGT 2070 (ou 027.207) (D)]. Donnée à l'Université de Saint-Boniface.

ACC 4031 Théorie comptable Cr.Hrs. 3	0
Évolution de la théorie comptable, processus de normalisation et influence du milieu sur son cheminement, étude des modèles de mesure des bénéfices, théorie d'agence, hypothèse de l'efficacité des marchés de capitaux, etc. On en peut se faire créditer le ACC 4031 et le ACC 4030. Préalable: [ACC 2011 (D) ou ACC 2010 (ou l'ancien 009.201) (D)] et [FIN 2201 (D) ou FIN 2200 (ou l'ancien 9.220) (D)]. Préalable ou concomitant: ACC 2021 ou ACC 2020. Donné à l'Université de Saint-Boniface.	
MSCI 2151 Introduction aux sciences de la gestion Cr.Hrs. 3	0
(Ancien 164.215) Introduction aux techniques et aux modèles des sciences de la gestion. Les sujets traités incluent la programmation linéaire, les problèmes d'affectation et de transport, la théorie de la décision et les files d'attente. On ne peut se faire créditer le MSCI 2151 et MSCI 2150, 164.215, 027.215 ou ABIZ 2520. Préalables: [MATH 1520 (ou 136.152) (C) ou MATH 1501 (C) ou MATH 1500 (ou 136.150) (C) ou l'équivalent] et [STAT 1001 (C) ou STAT 1000 (ou 005.100) (C) ou l'équivalent]. Donné à l'Université de Saint-Boniface.	
MIS 2001 Les systèmes d'information de gestion Cr.Hrs. 3	0
(Ancien 009.200) Introduction aux systèmes d'information dans les organisations, au développement et à l'acquisition des systèmes et à la gestion des systèmes d'information. Cours avec laboratoire. On ne peut se faire créditer le MIS 2001 et le MIS 2000 (009.200). Donné à l'Université de Saint-Boniface.	
GMGT 2011 Business Communications and Critical Thinking Cr.Hrs. 3	0
(Lab required) An introduction to theoretical, cultural and ethical bases of effective communication. Students will develop interpersonal, oral and written communication skills at individual, group and organizational levels and will also develop analytical, problem-solving, rhetorical, and critical thinking abilities required in organizational and business settings. Recommend that GMGT 2011 be taken in their first 30 credit hours. Not to be held for credit with GMGT 2010 or GMGT 2001 or GMGT 2000. Donné à l'Université de Saint-Boniface.	

NET CHANGE IN CREDIT HOURS: +3

Translation

Modifications:

TRAD 2151 Introduction à la traduction Cr.Hrs. 3	0
(Ancien 122.215) Initiation à la pratique de la traduction, à sa terminologie et aux méthodes de travail. Réflexion sur la responsabilité du traducteur vis-à-vis de ceux qu'il traduit (auteurs, représentants politiques, etc.) et de ses lecteurs. Préalable: réussite de l'examen d'admission au l'autorisation écrite de la professeure ou du professeur.	
TRAD 3111 Laboratoire I Cr.Hrs. 3	0
(Ancien 122.311) Travaux pratiques dans des conditions semblables à celles d'un bureau de traduction (qualité du produit fini, gestion du temps, échéances, etc.). Révision des travaux par le professeur ou la professeure. Préalables: une note minimale de C dans TRAD 2101 (122.210) et TRAD 3101 (122.310) ou dans TRAD 3261 (122.326) et TRAD 3131 (122.313).	
TRAD 4111 Laboratoire II Cr.Hrs. 3	0

(Ancien 122.411) Travaux pratiques dans des conditions semblables à celles d'un bureau de traduction (qualité du produit fini, présentation, gestion du temps, relations interpersonnelles, etc.). Traduction des textes appartenant à des domaines de spécialité ou qui présentent un degré de difficulté plus élevé. Préalable: une note minimale de C dans TRAD 3111 (122.311).

NET CHANGE IN CREDIT HOURS: 0

SENATE COMMITTEE ON CURRICULUM AND COURSE CHANGES – 2012/2013

TIMETABLE FOR FACULTY/SCHOOL SUBMISSIONS to the Office of the University Secretary

	Fall Deadline	SPPC Meeting	Spring Deadline	Senate Executive Meeting	Senate Meeting
Curriculum/Course changes < 9 CH	September 14, 2012 <i>Submitted to SCCCC only</i>			November 21, 2012	December 5, 2012
Curriculum/Course changes > 9 CH or with resource implications	August 17, 2012 <i>Submitted to SCCCC and SPPC</i>	September 24, 2012		October 24, 2012	November 7, 2012
Curriculum/Course changes < 9 CH			February 15, 2013	May 2, 2012	May 15, 2013
Curriculum/Course changes > 9 CH or with resource implications					

Note:

1. All changes with resource implications must be considered by the Senate Planning and Priorities Committee (SPPC). Faculty/School should provide a separate submission for SPPC.
Resource Implications include: (i) additions/deletions of courses in a department with a net increase of more than nine credit hours, submission to SPPC should include how this will be addressed; (ii) if course is offered jointly with other faculty(s) what are the resource implications.
2. The submission of new undergraduate programs and articulation agreements with or without additional funding will be considered on an on-going basis by SCCCC and SPPC. In the fall, the Committee's focus is on course changes, therefore, new programs might not be dealt with as quickly as at other times of the year.

Report of the Executive Committee of the Faculty of Graduate Studies on Course 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. In October 2007, the Faculty of Graduate Studies approved a process of *Streamlining Course Introductions, Modifications, & Deletions* which allows the Executive Committee to approve these changes in lieu of Faculty Council when the courses are not associated with a new program or program changes.
3. The Faculty of Graduate Studies Executive Committee met on February 29th to consider course change proposals from the Dept. of Political Studies and Dept. of Family Social Sciences.

Observations

1. **The Department of Political Studies** proposes the introduction of one course, **POLS 7330 State-Civil Society Relations (3)** to act as an elective under the revised MPA program (proposed revisions will be forthcoming at a future date). Increasingly, public administration programs across Canada are incorporating the study of civil society actors because of their increased role in the development and delivery of public goods.

Course Introduction

POLS 7330 State-Civil Society Relations

+3

An examination of how the state relates to civil society actors, notably the voluntary sector in Canada. Students will critically assess the role voluntary organizations play – and should play – in the governing process.

NET CHANGE IN CREDIT HOURS

+3

2. **The Department of Family Social Sciences** proposes the introduction of two courses, **FMLY 7510 Research Data Centre Research Methods Part A (1.5)** and **FMLY 7520 Research Data Centre Research Methods Part B (1.5)** to fulfill the need for a graduate-level research methods course that provides comprehensive orientation to Statistics Canada data sets, in combination with hands-on training for data analysis. With the knowledge and skills developed in this course, students will be in a good position to conduct independent research based on Statistics Canada's national health and social survey data to inform policy development and program planning.

Course Introductions

FMLY 7510 Research Data Centre Research Methods Part A **+1.5**

This course will introduce the processes and methods involved in using Statistics Canada's confidential master data files at the Research Data Centre (RDC). Students will gain skills in conducting secondary analyses in order to address important health and social policy research questions. Pre- or Co-requisite: Graduate level biostatistics course or equivalent.

FMLY 7520 Research Data Centre Research Methods Part B **+1.5**

A continuation of the introduction to the processes and methods involved in using Statistics Canada's confidential master data files at the Research Data Centre (RDC). Students will gain skills in conducting secondary analyses in order to address important health and social policy research questions. Pre-requisite: Successful completion of Part A (FMLY 7510).

NET CHANGE IN CREDIT HOURS **+3**

Recommendations

The Executive Committee recommends THAT: the course changes from the units listed below be approved by Senate:

Dept. of Political Studies
Dept. of Family Social Sciences

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee

Report of the Executive Committee of the Faculty of Graduate Studies on Course 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. In October 2007, the Faculty of Graduate Studies approved a process of *Streamlining Course Introductions, Modifications, & Deletions* which allows the Executive Committee to approve these changes in lieu of Faculty Council when the courses are not associated with a new program or program changes.
3. The Faculty of Graduate Studies Executive Committee voted via email on March 26th to consider course change proposals from the Dept. of Pharmacology & Therapeutics and Faculty of Medicine (Interdepartmental Medicine).

Observations

1. The Dept. of Pharmacology & Therapeutics proposes the introduction of two courses, **PHAC 7230 Fundamental in Pharmacology for Health Care I (3)** and **PHAC 7240 Fundamentals in Pharmacology for Health Care II (3)**. A Pharmacology component has been identified as required within the existing Master of Physician Assistant Studies (MPAS) and Doctor of Psychology (Psy. D.) (currently in development). Students in the MPAS presently fill this requirement with PHAC 2100 (6 cr. hrs.) which places a major emphasis on mechanism(s) of drug actions and side effects, but little emphasis of the direct clinical application of drugs. It is the clinical application that would better serve MPAS students. The Psy. D. proposal will require a more basic focus on Pharmacology principles with a clinical application. With the proposed format of PHAC 7230 and PHAC 7240, the topics of interest could be arranged such that they serve the needs of both programs.

Course Introductions

PHAC 7230 Fundamental in Pharmacology for Health Care I

+3

This course will build on foundational knowledge of human physiology and examine

basic pharmacokinetic (drug metabolism) and pharmacodynamic (drug action) principles of specific drug classes related to the autonomic nervous system, cardiovascular system (edema, hypertension, arrhythmia, angina, blood clotting, heart failure, hyperlipidemia), diabetes, thyroid, inflammation and pain. Remaining major drug classes will be covered in PHAC 7240. Students may take one or both courses. Taking both courses must be done in the same academic year (Sept. to April) or with permission from the Dept. Head. Course delivery will involve lectures followed by clinical case-based tutorials.

PHAC 7240 Fundamentals in Pharmacology for Health Care II **+3**

This course will build on foundational knowledge of human physiology and examine basic pharmacokinetic (drug metabolism) and pharmacodynamic (drug action) principles of specific drug classes related to the central nervous system (depression, psychosis, anxiety, epilepsy, movement disorders (e.g., Parkinson's)), infection (bacterial, viral, fungal), cancer, asthma, allergy, osteoporosis, gastrointestinal system, reproduction and special topics (pregnancy, pediatrics, geriatrics, drugs of abuse). Remaining major drug classes will be covered in PHAC 7230. Students may take one or both courses. Taking both courses must be done in the same academic year (Sept. to April) or with permission from the Dept. Head. Course delivery will involve lectures followed by clinical case-based tutorials.

NET CHANGE IN CREDIT HOURS **+6**

2. The Faculty of Medicine (interdepartmental Medicine) proposes the deletion of one course, **IMED 7100 Fundamentals of Neuroscience (6)**, and the introduction of two courses, **IMED 7101 Fundamentals of Neuroscience I (3)** and **IMED 7102 Fundamentals of Neuroscience II (3)** to split the six credit hour course into two three credit hour courses in order to improve enrollment and allow students to tailor their selection to their graduate program. Neither is a prerequisite for the other.

Course Deletion

IMED 7100 Fundamentals of Neuroscience **-6**

Course Introductions

IMED 7101 Fundamentals of Neuroscience I **+3**

This lecture-based course covers the fundamentals of cellular/molecular neurobiology and development/plasticity of the nervous system. It will be offered on a two-year cycle. Students registering must seek the permission of the Course Director (not instructor).

Mar. 26, 2012

IMED 7102 Fundamentals of Neuroscience II **+3**

This lecture-based course covers the fundamentals of systems neuroscience and the neurobiology of disease. It will be offered on a two-year cycle. Students registering must seek the permission of the Course Director (not instructor).

NET CHANGE IN CREDIT HOURS **+0**

Recommendations

The Executive Committee recommends THAT: the course changes from the units listed below be approved by Senate:

Dept. of Pharmacology & Therapeutics
Faculty of Medicine (Interdepartmental Medicine)

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee

Report of the Executive Committee of the Faculty of Graduate Studies on Course 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. In October 2007, the Faculty of Graduate Studies approved a process of *Streamlining Course Introductions, Modifications, & Deletions* which allows the Executive Committee to approve these changes in lieu of Faculty Council when the courses are not associated with a new program or program changes.
3. The Faculty of Graduate Studies Executive Committee met on April 23rd to consider course change proposals from the Department of Plant Science.

Observations

1. **The Department of Plant Science** proposes the deletion of four courses, **PLNT 7680 Plant Molecular Biology (3)**, **PLNT 7650 Specialized Plant Pathology (3)**, **PLNT 7490 Storage of Horticultural Crops (3)**, and **PLNT 7160 Advanced Genetics (3)**, as the courses have not been offered in many years due to lack of interest.

Course Deletions

PLNT 7680 Plant Molecular Biology	-3
PLNT 7650 Specialized Plant Pathology	-3
PLNT 7490 Storage of Horticultural Crops	-3
PLNT 7160 Advanced Genetics	-3

NET CHANGE IN CREDIT HOUR	-12
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Recommendations

The Executive Committee recommends THAT: the course changes from the units listed below be approved by Senate:

Department of Plant Science

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee

Senate Membership 2012-2013

President

David T. Barnard 2008.07.01

Chancellor

Harvey Sector 2010.01.01

Vice-Presidents

Vice-President (Academic) and Provost	Joanne Keselman	1997.01.09
Vice-President (Administration)	Deborah McCallum	2003.01.11
Vice-President (External)	John Kearsey	2010.07.13
Vice-President (Research and International)	Digvir Jayas	2009.04.28

Deans of Faculties

Agricultural & Food Sciences	Michael Trevan	2004.07.01
Architecture	Ralph Stern	2010.09.02
Arts	Jeffery Taylor	2011.09.01
Clayton H. Riddell Faculty of Environment, Earth, and Resources	Norman Halden	2008.07.01
Dentistry	Anthony Iacopino	2007.07.01
Education	Robert Macmillan	2011.07.01
Engineering	Jonathan Beddoes	2011.07.01
Graduate Studies	Jay Doering	2005.07.01
Human Ecology	Gustaaf Sevenhuysen	2005.07.01
I.H. Asper School of Business	Michael Benarroch	2011.11.15
Kinesiology and Recreation Management	Jane Watkinson	2007.07.01
Law	Lorna Turnbull	2010.05.01
Medicine	Brian Postl	2010.07.01
Marcel A. Desautels Faculty of Music	Edmund Dawe	2007.07.01
Nursing	Dauna Crooks	2007.07.01
Pharmacy	Neal Davies	2011.07.01
Science	Mark Whitmore	2004.07.01
Social Work	Harvy Frankel	2008.07.01
Director, School of Art	Paul Hess	2008.07.01
Dean, Extended Education	Lori Wallace	2006.07.01
University Librarian	Karen Adams	2008.07.01
Vice-Provost (Students)	Susan Gottheil	2010.08.15

Heads of Constituent or Member Colleges

St. John's College	Christopher Trott	2011.07.01
St. Paul's College	Denis Bracken	2007.07.01
University College	Jeffery Taylor*	2011.09.01

Appointed by the Board of Governors

Ms. Sharon Jasper	2011.06.01 - 2012.05.31
TBA	2011.06.01 - 2012.05.31

Members-at-large

N/A

President of UMSU

Bilan Arte 2011.05.01 - 2013.04.30

Appointed by Alumni Association

Evan Kuz 2011.06.01 - 2012.05.31
 Peri Venkatesh 2011.06.01 - 2012.05.31

Elected by Faculty and School Councils (R=Re-elected)

Agricultural & Food Sciences	Kees Plaizier	2010.06.01 – 2013.05.31
	Brian Amiro	2011.12.31 – 2014.05.31
	Annemieke Farenhorst	2012.06.01 – 2015.05.31
Architecture	TBA	2012.06.01 – 2015.05.31
	TBA	2012.06.01 – 2015.05.31
Arts	Tina Chen	2011.06.01 – 2014.05.31
	<i>(l/r David Churchill)</i>	<i>2012.07.01 – 2013.05.31</i>
	Radhika Desai	2011.06.01 – 2014.05.31
	Susan Prentice	2011.06.01 – 2014.05.31
	Tammy Ivanco	2012.06.01 – 2015.05.31
	Mark Gabbert (R)	2003.06.01 – 2015.05.31
	Ellen Judd (R)	2009.06.01 – 2015.05.31
	Judith Owens (R)	2003.06.01 – 2015.05.31
	Janet Sealey (R)	2010.06.01 – 2015.05.31
	Julie Guard	2012.06.01 – 2015.05.31
	Arlene Young (R)	2003.06.01 – 2015.05.31
	Alan MacDonell	2012.06.01 – 2015.05.31
Clayton H. Riddell Faculty of Environment, Earth and Resources	John Hanesiak	2010.06.01 – 2013.05.31
	Nancy Chow	2012.06.01 – 2015.05.31
Dentistry	James Gilchrist	2010.06.01 – 2013.05.31
	Joanna Asadoorian	2008.06.01 – 2014.05.31
Education	Richard Hechter	2010.06.01 – 2013.05.31
	Sandie Kouritzin	2008.06.01 – 2014.05.31
Engineering	Hassan Soliman	2010.06.01 – 2013.05.31
	Witold Kinsner	2008.06.01 – 2014.05.31
	Dimos Polyzois	2005.06.01 – 2014.05.31
	Danny Mann	2011.06.01 – 2014.05.31
Extended Education	Sophia Palahicky	2011.06.01 – 2014.05.31
Human Ecology	Michael Eskin	2010.06.01 – 2013.05.31
I.H. Asper School of Business	Mary Brabston (R)	2004.06.01 – 2013.05.31
	Janet Morrill	2011.06.01 – 2014.05.31

Kinesiology and Recreation Management	Leisha Strachan	2011.06.01 – 2014.05.31
	Christine Van Winkle	2011.06.01 – 2014.05.31
	<i>I/r Russell Field</i>	2012.01.01 – 2012.06.30
Law	John Irvine (R)	2010.06.01 – 2013.05.31
Libraries	Lyle Ford	2011.06.01 – 2014.05.31
	Vera Keown	2012.06.01 – 2015.05.31
Marcel A. Desautels Faculty of Music	Joan Linklater	2005.06.01 – 2014.05.31
Medicine	Brenda Elias	2010.06.01 – 2013.05.31
	Emily Etcheverry (R)	2004.06.01 – 2013.05.31
	Alan Katz	2010.06.01 -- 2013.05.31
	Bob McIlwraith	2007.06.01 – 2013.05.31
	Don Smyth (R)	2004.06.01 – 2013.05.31
	Klaus Wrogemann	2010.06.01 – 2013.05.31
	Joanne Embree	2012.06.01 – 2015.05.31
	Fiona Parkinson	2012.06.01 – 2015.05.31
	Aaron Chiu	2012.06.01 – 2015.05.31
	Joel Kettner	2012.06.01 – 2015.05.31
	Robert Tate (R)	2007.12.01 – 2015.05.31
	Helmut Unruh	2012.06.01 – 2015.05.31
	Deborah Wirtzfield (R)	2009.06.01 – 2015.05.31
Nursing	Marie Edwards	2008.06.01 – 2014.05.31
	Diana McMillan	2008.06.01 – 2014.05.31
Pharmacy	Alan McIntosh	2011.06.01 – 2014.05.31
Science	Tom Booth	2010.06.01 – 2013.05.31
	John Anderson (R)	2008.06.01 – 2014.05.31
	Peter Blunden	2011.06.01 – 2014.05.31
	Phil Hultin	2011.06.01 – 2014.05.31
	Elizabeth Worobec (R)	2008.06.01 – 2014.05.31
	<i>I/r Byron Southern</i>	2012.09.01 – 2014.05.31
	Gary Anderson	2012.06.01 – 2015.05.31
	Liqun Wang	2012.06.01 – 2015.05.31
Social Work	Brenda Bacon	2011.06.01 – 2014.05.31
	Judy Hughes	2011.06.01 – 2014.06.30
School of Art	Sharon Alward	2008.06.01 -- 2014.05.31
Student Affairs	Tim Podolsky	2011.06.01 – 2014.05.31

Heads of Affiliated Colleges

St. Andrew's College	Roman Bozyk*	2003.05.01
St. Boniface College	Raymonde Gagne	2003.09.01

Deputy Minister of Education

Deputy Minister of Advanced Education (or designate)	Gerald Farthing (Acting Deputy Minister) Meg Brolley (designate)	
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Elected by the Students (2012.04.01 – 2013.03.31)

Agricultural & Food Sciences	Ian Cook
Architecture	Christopher Yap
Art, School of	TBA
Arts	TBA, TBA, TBA
Clayton H. Riddell Faculty of Environment, Earth and Resources	TBA
Dentistry/Dental Hygiene	TBA
Education	Larry Solomon, Aisha Maqsood
Engineering	Veronica Marriott
Graduate Studies	Olivier Gagné, Jessica Rebizant, Sem Moreno
Human Ecology	Melissa Gabbs
I.H. Asper School of Business	Colin Smith, Ryan Hagemeister
Kinesiology and Recreation Management	TBA
Law	Stefan Bounket
Marcel A Desautels Faculty of Music	Jerry Ossachuk
Medical Rehabilitation	TBA
Medicine	Eyal Kraut
Nursing	Daniel Sushko
Pharmacy	Jeffrey Ngo
Science	TBA, TBA, TBA
Social Work	TBA

Assessors

Vice-Provost (Academic Affairs)	Janice Ristock
Vice-Provost (Academic Planning and Programs)	David Collins
Associate Vice-President (Research and International)	Gary Glavin
Associate Vice-President (Research and International)	TBA
Associate Dean of Graduate Studies	Brenda Hann
Associate Dean of Continuing Education	Kathleen Matheos
Chair SPPC	Ada Ducas
UMFA Representative	Cameron Morrill
St. Boniface College	Gabor Csepregi
Executive Director of Enrolment Services	Jeff Adams*
Registrar	Neil Marnoch
Executive Director, Student Services	Lynn Smith
Chair SCCCC	N/A
Vice-President UMSU	Jennifer Black
President GSA	Jennifer Chen (designate)
Director U1	Elizabeth Worobec
Director of UTS	Mark G. Torchia
U1 Students	TBA
Executive Lead, Indigenous Achievement	Deborah Young

* = acting

l/r = leave replacement

updated May 9, 2012

SCHEDULE OF MEETINGS AND AGENDA AVAILABILITY
SENATE AND SENATE EXECUTIVE COMMITTEE

June 2012 to December 2013

Date for Items to the Secretary	Agenda to the Executive Committee	Executive Committee Meetings	Agenda available to Senate Members	Senate Meetings
May 24, 2012	May 31, 2012	June 6, 2012	June 14, 2012	June 20, 2012
August 9, 2012	August 16, 2012	August 22, 2012	August 30, 2012	September 5, 2012
September 6, 2012	September 13, 2012	September 19, 2012	September 27, 2012	October 3, 2012
October 11, 2012	October 18, 2012	October 24, 2012	November 1, 2012	November 7, 2012
November 8, 2012	November 15, 2012	November 21, 2012	November 29, 2012	December 5, 2012
November 29, 2012	December 6, 2012	December 12, 2012	December 19, 2012	January 9, 2013
January 9, 2013	January 16, 2013	January 23, 2013	January 30, 2013	February 6, 2013
January 30, 2013	February 6, 2013	February 13, 2013	February 27, 2013	March 6, 2013
March 6, 2013	March 13, 2013	March 20, 2013	March 27, 2013	April 3, 2013
April 17, 2013	April 24, 2013	May 1, 2013	May 8, 2013	May 15, 2013
May 22, 2013	May 29, 2013	June 5, 2013	June 12, 2013	June 19, 2013
August 7, 2013	August 14, 2013	August 21, 2013	August 28, 2013	September 4, 2013
September 4, 2013	September 11, 2013	September 18, 2013	September 25, 2013	October 2, 2013
October 9, 2013	October 16, 2013	October 23, 2013	October 30, 2013	November 6, 2013
November 6, 2013	November 13, 2013	November 20, 2013	November 27, 2013	December 4, 2013

1. Senate meets the end of June so that a meeting in July is not required.
2. Senate meets the third Wednesday in May to consider the list of graduands for Senate approval.
3. Senate meetings are held in the Senate Chambers, Room E3-262 Engineering Building at 1:30.
4. Senate Executive meetings are held the Alan A. Borger Sr. Executive Conference Room, E1-270, EITC at 1:30.

Annual Report of the Senate Committee on Academic Computing

Preamble

1. The current terms of reference for the Senate Committee on Academic Computing are found on the University Governance website at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/485.html
2. The Committee is charged with providing advice and recommendations to Senate on:
 - a) the University's general policies relating to the development and use of computing and networking in instruction and research;
 - b) prioritizing support for the development and delivery of computing and network services; and
 - c) computer services policies and their effect on faculty and students.

Observations

1. Committee members (2011-2012):
Dr. M. Torchia (Director, University Teaching Services), Chair, Ms. K. Adams (University Librarian), Prof. M. Brabston (Management), Mr. R. Chakraborty (student, Graduate Studies), Mr. S. Chu (University Teaching Services), Dean J. Doering (Graduate Studies), Prof. D. Hlynka (Education), Mr. M. Langedock (CIO, Information Services and Technology), Dr. J. Ristock (Associate Vice-President (Research)), Prof. G. Schreckenbach (Science), Prof. J.E. Scott (Dentistry), Mr. J. Shields (student, Architecture), Prof. S. Sinclair (Arts), Prof. K. Smith (Education)
2. One meeting was held during the reporting period – March 5, 2012
 - No specific matters were referred to the Committee for consideration.
 - The Committee began a review of the Terms of Reference to more accurately reflect the focus of academic computing and information technology. It is anticipated the revised terms of reference will be reviewed and approved by the committee at its next meeting.
 - The Committee anticipates collaboration with the President's Advisory Committee on Information Technology Innovation (PACITi)

Respectfully submitted,

Dr. Mark Torchia, Chair
Senate Committee on Academic Computing

Annual Report of the Senate Committee on Academic Dress

Preamble

1. Terms of reference for the Senate Committee on Academic Dress can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/486.html

Observations

1. Committee members (2011-2012):
Prof. P. Hess (Director, School of Art), Chair, Prof. L. Chalmers (Human Ecology), Ms. J. Chen (student, Graduate Studies), Prof. L. Horne (Human Ecology), Mr. N. Marnoch (Registrar), Ms. M. Wetzel (student, Human Ecology).
2. The Committee met once during the reporting period on March 14, 2012.
3. The Committee recommended stole colors for the following diploma programs:
 - Diploma in Agriculture (School of Agriculture)
 - Diploma in Fine Arts (School of Art)
 - Diploma in Dental Hygiene (School of Dental Hygiene)
 - Post-Baccalaureate Diploma in Education (PBDE) (Faculty of Education)
 - Aboriginal Community Wellness Diploma (Faculty of Extended Education)
 - Aboriginal Child and Family Services Diploma (Faculty of Extended Education)
 - Aboriginal Environmental Stewardship Diploma (Faculty of Extended Education)

Respectfully submitted,

Professor Paul Hess, Chair
Senate Committee on Academic Dress

Annual Report of the Senate Committee on Academic Freedom

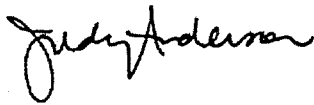
Preamble

The Terms of Reference for the Senate Committee on Academic Freedom can be found on the web at http://umanitoba.ca/admingovernance/governing_documents/governance/sen_committees/488.htm.

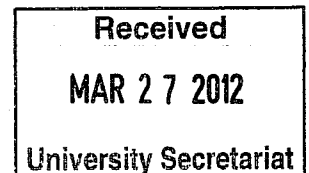
Observations

1. The membership of the Committee for 2011-2012 included: Professor J. Anderson (Science), Professor S. Alward (School of Art), Professor R. Cardwell (Agricultural and Food Sciences), Professor J. Embree (Medicine), Professor C. Morrill (Management) and student members Mr. Jordan Bull (Engineering) and Mr. Peter Karari (Graduate Studies).
2. The committee did not meet during the reporting period.

Respectfully submitted,



Judy Anderson, Chair
Senate Committee on Academic Freedom



Annual Report of the Senate Committee on Academic Review

Preamble

The Terms of Reference for the Senate Committee on Academic Review can be found at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/489.htm

Observations

1. Committee members (2011-2012):
Dr. D. Collins (Vice-Provost Academic Planning and Programs), Chair, Dr. J. Keselman, (Vice-President Academic and Provost), Dean J. Doering (Graduate Studies), Mr. P. Karari (student, Graduate Studies), Prof. A. MacDiarmid (Medicine), Prof. J. Morrill (Management), Prof. J. Owens (Arts), Ms. D. Salem (student, Engineering), Prof. J. Van Rees (Science), Dean J. Watkinson (Kinesiology and Recreation Management)
2. The Committee met once during the reporting period on March 7, 2012.
3. The Committee considered a Report on the Status of Externally Accredited Programs, as of January 9, 2012.
4. The Committee considered Summaries of Graduate Program Reviews for the Masters and Ph.D. programs in Statistics and Environment and Geography, the Master of Laws, and the Master of Arts in Political Studies.
5. The Committee received for its consideration, Summaries of Undergraduate Program Reviews for programs in Family Social Sciences, Kinesiology and Recreation Management, Statistics, and Mathematics.
6. The Committee will undertake a review of the Policy and Procedure on Academic Program Reviews during the upcoming Senate year.

Respectfully submitted,

David Collins, Chair
Senate Committee on Academic Review

ANNUAL REPORT OF THE SENATE COMMITTEE ON ADMISSIONS (SCADM) For The Year May 1, 2011 to April 30, 2012

The terms of reference for the Senate Committee on Admissions (SCADM) are found on the University website at:

http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/490.htm

The committee membership is as follows:

<u>Incumbent</u>	<u>Position</u>	<u>Composition</u>
Ms. Susan Gottheil	Vice-Provost (Students)	(1) VP (Academic) or designate, Chair
Ms. Iris Reece Tougas	Director, Admissions	(2) Vice Provost (Student Affairs) or designate
Mr. Peter Dueck	Executive Director, Enrolment Services	(3) Executive Director (Enrolment Services)
Dr. Lori Wilkinson (des)	Assoc Dean/Assoc Professor, Faculty of Arts	(4) Dean, Faculty of Arts or designate
Dr. M. Piercey-Normore (des)	Assoc Dean/ Assoc Professor, Faculty of Science	(4) Dean, Faculty of Science or designate
Dr. John Perry (des)	Associate Professor, Faculty of Dentistry	(4) Dean, Fac of Dentistry or Medicine or designate
Dr. Gustaaf Sevenhuysen	Dean, Faculty of Human Ecology	(5) Senate-appointed dean/director
Dr. Dauna Crooks	Dean, Faculty of Nursing	(5) Senate-appointed dean/director
Dr. Charles Mossman	Associate Dean, I.H. Asper School of Business	(6) Senate Appointee
Dr. Ellen Judd	Professor, Arts	(6) Senate Appointee
Dr. Lyn Ferguson,	Associate Professor, Social Work	(6) Senate Appointee
Dr. Lori Wallace	Dean, Extended Education	(6) Senate Appointee
Dr. Jan Guise	Section Head, Music, Libraries	(6) Senate Appointee
Dr. Elizabeth Worobec	Director, University 1	(6) Senate Appointee
Ms. Angela Freeman	Student, Faculty of Graduate Studies	(7) Student
Ms. Mary-Ellen Wayne	Student, Faculty of Law	(7) Student
Ms. Anika Dhalla	Student, Faculty of Science	(7) Student
Vacant (Declined)	Declined	(8) Deputy Minister of Education (or designate)
Mr. Peter Brass	University Adviser, St. John's Ravenscourt	(8) Counsellor from a Manitoba high school

Subsequent to the 2011 Annual Report, SCADM met on April 15, 2011, September 15, 2011, October 21, 2011 and November 18, 2011. The following matters were addressed by the committee:

1. Faculty of Education – SCADM approved the proposal drafted by the ad hoc committee on degree recognition for Faculty of Education admission which recommends the acceptance of degrees from Booth College and Providence College in cases where those degrees include at least 60 hours of acceptable academic credit, effective for the September 2012 intake.

Approved by the Senate Committee on Admissions: April 15, 2011.

Approved by Senate: June 22, 2011.

2 Faculty of Medicine – SCADM approved the proposal from the Faculty of Medicine recommending several revisions to the admission criteria for the undergraduate Medical Education program, effective for the September 2012 intake.

Approved by the Senate Committee on Admissions: April 15, 2011.

Approved by Senate: June 22, 2011.

3 Clayton H. Riddell Faculty of Environment, Earth and Resources – SCADM amended the proposal from the Clayton H. Riddell Faculty of Environment, Earth and Resources recommending direct entry following the Senate approved template.

Approved by the Senate Committee on Admissions: October 21, 2011.

Received by Senate for information: December 7, 2011.

4. **Faculty of Agriculture and Food Sciences** – SCADM reviewed a proposal from the Faculty of Agriculture and Food Sciences to change the admission requirements for the Agriculture Diploma program.

Approved by the Senate Committee on Admissions: October 21, 2011.

Approved by Senate: December 7, 2011.

5. **Faculty of Dentistry** – SCADM approved the proposal from the Faculty of Dentistry to eliminate the Transfer Applicant Category, effective for the 2012 intake.

Approved by the Senate Committee on Admissions: October 21, 2011.

Approved by Senate: December 7, 2011.

6. **Faculty of Arts** – SCADM approved the proposal from the Faculty of Arts recommending direct entry following the Senate approved template, effective for the 2013 intake.

Approved by the Senate Committee on Admissions: November 18, 2011.

Received by Senate for information: January 11, 2012.

Preamble:

1. The terms of reference for the Senate Committee on Admissions Appeals are found at the following link:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/491.html
2. The Committee is charged to hear and determine appeals from:
 - a) decisions of faculty and school Selection Committees;
 - b) administrative decisions affecting the admission process;
 - c) decisions related to the transfer of credit policy of the faculty/school; and
 - d) the possible granting of advanced standing.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and recommend any changes in admission policies and procedures which should be considered as a result of the appeal.

Observations:

1. Members of the Committee for 2011-12 were: Professor D. Mandzuk, Chair (Education), Professor B. Hann, Vice-Chair (Graduate Studies), Professor T. Janzen (Arts), Professor K. Sharma (Science), Professor P. McVetty (Agricultural & Food Sciences), Professor J. Linklater (Music), Professor L. Guse (Nursing), Professor E. Milliken (Social Work), Ms. M. Fricke (Medical Rehabilitation), Professor S. Sivaramakrishnan (Business), Mr. P. Kahari (Student member - Graduate Studies), Mr. M. McDermid (Student member - Music), Ms C. Tapp (Ex Officio), Ms I. Reece-Tougas (Ex-officio, non-voting).

The Senate Committee on Admissions Appeals reports to Senate on an ongoing basis as appeals are heard. During the period from April 1st, 2011 to March 31, 2012, the Committee received 5 appeals which are summarized below:

FACULTY**DECISION**

Faculty of Graduate Studies (Comp. Science)	Denied
Joint MPA program	Insufficient grounds
Asper School of Business	Insufficient grounds
Dentistry	Lack of jurisdiction
Nursing	Referred back to Faculty

Respectfully submitted,

David Mandzuk Ph.D.
 Chair, Senate Committee on Admissions Appeals

Preamble

1. The terms of reference for the Senate Committee on Appeals are found at the link:
http://umanitoba.ca/admin/governance/governing_documents/students/285.htm
2. The Committee is charged to hear and determine appeals from:
 - a) decisions made by academic administrators involving Senate regulations in which Faculty or School Councils have no jurisdiction; and
 - b) appeals against decisions taken by Awards Selection Committees of Faculties and Schools.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and advise the Executive Committee of any Senate regulations affecting students which appear to be creating particular difficulties.

Observations

1. Members of the Committee for 2011-2012 were: Dean M. Trevan (Agricultural and Food Sciences), Dean L. Turnbull (Law), Dean J. Watkinson (Kinesiology and Recreation Management), Professor A. Young (Arts, Vice-Chair), Professor S. Alward (School of Art), Professor B. Amiro (Agricultural and Food Sciences), Professor K. Levine (Social Work), Professor D. MacPherson (Law), Professor D. McMillan (Nursing), Professor M. Scanlon (Agricultural and Food Sciences), Mr. R. Saurette (Université de Saint-Boniface), Ms. C. Tapp (President of UMSU), Mr. B. Klassen (Student), Mr. J. Myskiw (Student), Mr. S. Richardson (Student), Ms. A. Schettler (Student), Ms. T. Daodu (Student), Mr. S. Shokrzadeh (Student), Mr. P. Karari (Student), Ms. S. Fehr (Student) and Professor A. McNicol (Dentistry) served as Chair.
2. The Committee reports to Senate on a regular basis and details of these reports are contained in the Senate minutes.

During the reporting period from April 1, 2011 to March 31, 2012 the Committee received 21 appeals which are summarized below:

#	Faculty	Decision
6	Science	3 granted; 1 denied; 1 no grounds found; 1 withdrawn by appellant
4	Engineering	1 granted; 1 no grounds found; 1 withdrawn by appellant; 1 closed due to loss of contact with appellant
3	Nursing	2 denied; 1 no grounds found
2	Graduate Studies	1 withdrawn by appellant; 1 no jurisdiction determined
1	University 1	1 no grounds found
1	Law	1 granted
1	Social Work	1 no grounds found
1	IH Asper	1 returned to Faculty
1	Clayton H. Riddell	1 no grounds found
1	Université de Saint-Boniface	1 pending

3. The Committee approved the revised and updated Senate Committee on Appeals Policy and Procedures which were presented to, and approved by, Senate on March 7, 2012. These will come into effect on July 1, 2012.

Respectfully submitted,

Dr. A. McNicol, Chair
Senate Committee on Appeals

Annual Report of the Senate Committee on Approved Teaching Centres

Preamble

1. Terms of reference for the Senate Committee on Approved Teaching Centres can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/index.html

Observations

1. Committee members (2011-2012):
Prof. S. Brickey (Arts), Prof. T. Chen (Arts), Prof. R. Finnegan (Arts), Ms. R. Gaywish (Extended Education), Prof. T. Ivanko (Arts), Prof. D. McCance (Arts), Prof. L. Renee (Arts), Prof. B. Schwimmer (Arts)
2. The Committee met twice during the reporting period on June 22 and August 24, 2011.
3. The Committee considered the list of proposed courses and instructors as submitted by Booth University College and the Prairie Theatre Exchange for cross-registration with the University of Manitoba in 2011-2012.
4. The following are Approved Teaching Centres at the University of Manitoba:

Prairie Theatre Exchange
William and Catherine Booth College

Respectfully submitted,

Senate Committee on Approved Teaching Centres



ANNUAL REPORT TO SENATE FROM THE SENATE COMMITTEE ON AWARDS

Number of meetings

The Senate Committee on Awards met 10 times (including two electronic polls) between May 1, 2011 and April 30, 2012.

Terms of Reference

Terms of Reference for the Senate Committee on Awards can be found on the University of Manitoba website at:

http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/495.html

Committee Members

Academic Representatives:

Dr. Philip Hultin (Chair/Faculty of Science)
Dr. Lean Chee (Faculty of Pharmacy)
Dr. David Kuhn (Faculty of Engineering)
Dr. Laura Loewen (Faculty of Music)
Dr. Isabel Mello-Rebequi (Faculty of Dentistry)
Dr. Greg Smith (Faculty of Arts)

Student Representatives:

Mr. Ted Paranjothy (Faculty of Science)
Ms Jennifer Chen (Faculty of Graduate Studies)

Director, Financial Aid and Awards:

Ms Jane Lastra

Dean, Faculty of Graduate Studies:

Dr. Jay Doering
Ms Marcia Yoshida (alternate)

Consultants:

Mr. Peter Dueck (Enrolment Services – May, 2011 – March, 2012)
Mr. Jeff Adams (Enrolment Services – April, 2012)
Ms Terésa Klaassen (Enrolment Services)
Ms Lesli Lucas-Aseltine (Enrolment Services)
Dr. Shannon Coyston (Recording Secretary/Enrolment Services – May, 2011 – October, 2011)
Ms Candace Préjet (Recording Secretary/Enrolment Services – December, 2011 - present)

Observations

1. In 2011 – 2012, the Senate Committee on Awards approved the establishment of 54 new awards, amendments to 42 existing awards, and the withdrawal of 13 awards. Of the 54 new awards, 28 are scholarships, prizes, or fellowships, 26 are bursaries.

(Appendix A)

2. The Senate Committee on awards recommended to Senate, for approval, 3 requests to establish awards that appear to be discriminatory under the policy on the *Non-Acceptance of Discriminatory Awards*. The awards will provide support for Aboriginal students.

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

APPENDIX A -

New Awards* Established Between May 1, 2011 and April 30, 2012 (Total = 54)

Undergraduate, Graduate, and Extended Education	Entrance Awards	Renewable Entrance Awards	In-course and Graduating Awards	Total
Undergraduate	2	1	40	43
Graduate	-	2	9	11
Undergraduate or Graduate	-	-	-	0
Outreach	-	-	-	0

New Undergraduate Awards* by Faculty or School, May 1, 2011 - April 30, 2012 and Historical Data for 2007-2008 through 2010-2011

Faculty or School	11-12	10-11	09-10	08-09	07-08
Agricultural & Food Sciences	1	2	-	4	8
Architecture	-	1	1	1	1
Art (Fine Arts)	-	-	-	-	2
Arts	3	5	3	3	1
Central [†]	4	7	5	11	6
Dentistry	3	3	1	2	2
Dental Hygiene	-	-	-	1	1
Education	-	2	2	-	5
Engineering	2	10	6	6	7
Environment, Earth, & Resources	1	2	1	3	-
Extended Education	-	-	1	-	-
Human Ecology	-	4	1	1	-
Interdisciplinary	-	1	2	1	4
Kinesiology & Recreation Management	-	1	1	1	1
Law	2	3	4	7	7
Management	1	10	4	4	7
Medical Rehabilitation	-	-	-	1	-
Medicine	18	9	8	10	2
Music	4	2	3	3	1
Nursing	-	2	-	3	2
Pharmacy	1	3	1	2	2
Science	3	6	2	2	1
Social Work	-	2	1	-	-
University 1	-	-	-	1	1
Totals	43	75	47	67	61

* scholarships, prizes, fellowships, and bursaries; [†] awards open to students in any faculty or school; [°] including Internationally Educated Teachers Program.

APPENDIX A -

New Graduate Awards* by Area of Study, May 1, 2011 - April 30, 2012 and Historical Data for 2007-2008 through 2010-2011

Area of Study	11-12	10-11	09-10	08-09	07-08
Agricultural & Food Sciences	1	2	1	3	1
Architecture	-	-	7	3	1
Art (Fine Arts)	1	2	2	-	-
Arts	4	5	4	3	4
Central [†]	2	1	2	3	-
Dentistry	-	-	1	-	-
Engineering	-	4	-	-	2
Environment, Earth, & Resources	-	-	1	5	1
Interdisciplinary	-	3	-	2	3
Law	-	1	-	-	-
Management	2				
Medical Rehabilitation	-	-	-	1	-
Medicine	-	1	-	2	1
Music	-	1	1	-	-
Nursing	-	-	1	-	1
Science	1	2	2	2	2
Totals	11	22	22	24	16

* scholarships, prizes, fellowships, and bursaries; [†] awards open to students in any faculty or school.

New Awards* Open to Undergraduate and Graduate Students by Area of Study, May 1, 2011 - April 30, 2012 and Historical Data for 2007-2008 through 2010-2011

Area of Study	11-12	10-11	09-10	08-09	07-08
Agricultural & Food Sciences	-	-	-	-	1
Architecture	-	-	-	-	1
Arts	-	-	-	-	1
Central [†]	-	2	2	-	2
Education	-	-	-	-	1
Engineering	-	-	-	-	-
Human Ecology	-	-	-	-	-
Interdisciplinary	-	-	1	3	-
Music	-	-	-	-	1
Science	-	-	-	-	-
Social Work	-	-	1	1	-
Totals	0	2	4	4	7

* scholarships, prizes, fellowships, and bursaries; [†] awards open to students in any faculty or school.

Annual Report of the Senate Committee on the Calendar

Preamble

1. Terms of reference for the Senate Committee on the Calendar can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/496.html

Observations

1. Committee members (2011-2012):
Mr. J. Leclerc (University Secretary), Chair, Ms. C. Bone (Libraries), Dean J. Doering (Chair, Senate Committee on Rules and Procedures), Ms. L. Hamilton (*Calendar* editor), Prof. P. Hultin (Science),), Mr. N. Marnoch (Registrar), Mr. N. Shamanski (student, Kinesiology and Recreation Management), Dean J. Mactavish (Graduate Studies)
2. The Committee did not meet during the reporting period.

Respectfully submitted,

Jeff M. Leclerc, Chair
Senate Committee on the Calendar

Annual Report of the Senate Committee Curriculum and Course Changes

Preamble

1. Terms of reference for the Senate Committee on Curriculum and Course Changes can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.html

Observations

1. Committee members (2011-2012):
Dean H. Frankel (Social Work), Chair, Prof. C. Ateah (Nursing), Ms. T. Bates (student, Graduate Studies), Dr. D. Collins (Vice-Provost (Academic Programs and Planning)), Mr. G. Csepregi (Université de Saint-Boniface), Ms. T. Daodu (student, Medicine), Prof. B. Ferguson (Arts), Prof. J. Hamilton (Medicine), Prof. R. Hechter (Education), Ms. J. Horner (Libraries), Prof. D. Mann (Agricultural and Food Sciences), Ms. K. Marcynk (student, Engineering), Mr. N. Marnoch (Registrar), Prof. M. Piercey-Normore (Science)
2. During the reporting period, the Committee met nine times and reported to Senate on:
October 25, November 2, November 7, November 17, and November 21, 2011
 - course changes totaling less than nine credit hours from departments in various faculties and schools
 - deletion of courses not offered in the last five yearsNovember 21, 2011
 - program proposal for the Internationally Educated Agrologists Program, Faculty of Agricultural and Food SciencesMarch 13 and March 16, 2012
 - course changes totaling less than nine credit hours from departments in various faculties and schools
 - course introductions in the Internationally Educated Agrologists Program, Faculty of Agricultural and Food Sciences, totaling more than nine credit hours
 - timetable for faculty/school submissions to the Senate Committee on Curriculum and Course Changes, 2012/2013
 - the establishment of a review process for new and modified 1000 level courses and 2000 level courses that have no prerequisites, for suitability for first year students and inclusion on the University 1 course list
 - the referral of a Report of the ad hoc Committee of Senate Executive on the Review of M and W Requirements to the Associate Deans (Undergraduate) / Undergraduate Liaison Officers, for discussion of the purpose and validity of the requirements and to recommend to SCCCC criteria by which courses could be measured to attain the M or W designation

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

Annual Report of the Senate Committee on Honorary Degrees

Preamble

The terms of reference for the Senate Committee on Honorary Degrees are found online at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/501.htm

Observations

1. The membership of the Committee for 2011 – 2012 included: Dr. David T. Barnard (President), Ms. Jan Coates (President of Alumni Association), Dr. Judy Anderson (Science), Dean Edmund Dawe (Music), Dr. A. Young (Arts), Ms. C. Tapp (President of UMSU), Mr. R. Douglas (community representative), and Dr. H. Sector (Chancellor) as Chair.
2. The Committee on Honorary Degrees reports to Senate as required in closed session on candidates for honorary degrees, special convocations, and the naming of buildings, parts of buildings, roadways and special units.
3. During the period from May 2011 to April 2012, the Committee reported to Senate on three occasions: October 5, 2011 November 21, 2011, and February 1, 2012. Details of these reports are available in the Office of the University Secretary (312 Administration Building) upon request by eligible members of Senate.

Respectfully submitted,

Chancellor Harvey Sector, Chair
Senate Committee on Honorary Degrees

/sf

Annual Report of the Senate Committee on Instruction and Evaluation

Preamble:

The terms of reference for the Senate Committee on Instruction and Evaluation (SCIE) are found on the web at:

http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/502.htm

Observations:

1. Committee members (2011-2012):
Dr. K. Grant (Vice Provost (Academic Affairs)), Chair, Mr. E. Allan (student, Arts), Mr. M. Ates (student, Environment, Earth, and Resources), Ms. T. Bates (student, Graduate Studies), Dr. M. Brabston (Management), Dr. E. Etcheverry (Medical Rehabilitation), Dr. T.B. Goh (Agricultural and Food Sciences), Dr. K. Jensen (Music), Dr. M. Lawall (Arts), Dr. Z. Lutfiyya (Education), Dean G. MacLean (Associate Dean, Graduate Studies), Mr. N. Marnoch (Registrar), Ms. N. Rashid (Vice-President (Student Advocacy), UMSU), Ms. D. Salem (student, Engineering), Dr. E. Smirnova (Science), Dr. L. Smith (Executive Director, Student Services/Student Affairs), Dr. M. Torchia (Director, University Teaching Services)
2. The Committee met six times during the reporting period on June 16, September 29, October 27, and November 24, 2011, and on March 15 and April 19, 2012.
3. During this period, the Committee reported to Senate on the following matters:
 - Revisions to the Final Examination Regulations and Academic Assessment Regulations, Faculty of Science (Senate, November 2, 2011)
 - Amendments to the Academic Regulations of the Marcel A. Desautels Faculty of Music pertaining to assessment of students' scholastic progress and the Dean's Honour List (Senate, January 11, 2012)
 - Amendment to the Unsafe Clinical Practice Policy, Faculty of Nursing (Senate, January 11, 2012)
 - Revised Faculty of Dentistry/School of Dental Hygiene Professional Unsuitability By-Law and supplementary documents (Senate, April 4, 2012)
4. The Committee endorsed the following items, which will be reported to Senate at a future meeting:
 - Amendments to the Academic Regulations, Faculty of Engineering, Concerning the Dean's Honour List
 - Revisions to the Student Assessment Policy, Four-Year Baccalaureate Nursing Program, Faculty of Nursing
 - Revised Policy on Examinations and Final Grades and Procedure: Final Examinations, Procedures: Deferred, Special, and Supplemental Examinations, Procedures: Final Grades

Respectfully submitted,

Dr. Karen R. Grant, Chair
Senate Committee on Instruction and Evaluation

Annual Report of the Joint Senate Committee on Joint Masters Programs between the University of Winnipeg and the University of Manitoba

Preamble

1. For information on the powers and duties of the Joint Senate Committee (JSC), please visit point #2 of the committee's terms of reference which are available at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_commitees/503.html
2. Membership on the committee for 2011-2012 included: Dr. George MacLean (Chair); Dr. John Doering (Dean, Faculty of Graduate Studies UM, ex-officio), Dr. Sandra Kirby (Assoc. Vice President Academic & Dean of Grad Studies UW, ex-officio), Dr. Zana Lutfiyya (Faculty of Education UM), Dr. Mark Libin (English, Film & Theatre UM), Dr. Jessica Senehi (Peace & Conflict Studies UM), Dr. Mark Meuwese (History UW), Dr. Karen Harlos (Business Administration UW), Dr. Joan Grace (Politics UW), and Mr. Bob Christmas (Grad student rep, UM).
3. The JSC met on June 3, 2011, December 2, 2011, and April 3, 2012.

Observations

1. Degree Parchments
 - a. The JDC of the Joint Master's Program in Religion recommended that the degree parchments of the Joint Master of Arts in Religion display the names of both participating institutions, The University of Winnipeg and The University of Manitoba, as the graduates of this program are alumni of both universities. Historically, JMP students in Religion have been informed that they are able to choose whether their parchment displays the institutional name University of Winnipeg or University of Manitoba. In the absence of finding any Council of Post-Secondary Education (COPSE)-approved documentation on this matter, it was suggested that the Religion JMP parchments be treated in the same manner as the parchments for the other JMPs (History, Public Administration, and Peace & Conflict Studies).
2. Proposed Revisions to the JSC Terms of Reference:
 - a. At the June 2011 JSC meeting, committee members agreed that a policy should be implemented for the review of JMP programs. The following wording (subject to Senate approval) was agreed to be included under section 2.k) of the JSC terms of reference:

“The Joint Senate Committee will review the policies governing the Joint Masters Programs and the Joint Discipline Committee regulations no less frequently than seven (7) years. The review will be self-implemented, meaning the JSC will undertake the review on its own, with the assistance of the various JDC members. Aside from the seven (7) year policy review, periodic policy reviews of particular programs or regulations may be undertaken by the JSC. Any changes require Senate approval of both universities.”

- b. It was also noted that there is no requirement stipulated in the JSC terms of reference for an annual meeting. The following wording (subject to Senate approval) was agreed to be included under section 2.h) of the JSC terms of reference:

“At a minimum, the JSC will meet annually.”

3. The JDC of the Joint Master’s Program in History recommended that *Pt. B: History* (pgs. 8 & 9) of the document entitled *Regulations Governing the Joint Masters Programs* (http://umanitoba.ca/faculties/graduate_studies/media/JMP_Regulations.pdf) be amended. The terms of the Joint Masters Programs regulations occasionally require alteration in order to take account of changes in program offerings and in the administrative culture and practice of the institutions. A number of changes are proposed in order to address some of these issues. These amendments to Part B of the agreement were passed at the 3 December 2010 meeting of the History Joint Discipline Committee.

New 4. a) (3) The normal term of office of elected JDC members shall be two (2) years. There shall be no limit on the number of terms an individual may serve.

Revised 4. a) ~~(3)~~ (4) Vacancies, however caused, shall be filled by the relevant Department (for faculty), or students.

New 4. a) (5) Student members of the JDC shall not participate in decisions or recommendations on individual student cases involving the review of confidential student files, including admissions and fellowship, scholarship or prize rankings.

Revised 4. d) 13 c) The courses HIST 7770(6) Selected Topics/HIST-7003(6) Selected Topics and HIST 7774/HIST-7002(3) Independent Study/Reading shall continue to be offered, and shall not be included in the count of courses offered by either department.

These recommended changes were forwarded to Senate in June, 2011.

4. Comprehensive Review of the Governing Document: *Regulations Governing the Joint Masters Programs Between the University of Manitoba and the University of Winnipeg*

It was noted that the governing document *Regulations Governing the Joint Masters Programs Between the University of Manitoba and the University of Winnipeg* was in need of review to account for changes in graduate programs and regulations at both universities. Most immediately, the regulations should account for the role of the new Faculty of Graduate Studies at the University of Winnipeg. The JSC struck an ad hoc committee (G. MacLean, J. Grace, J. Senehi) to undertake a comprehensive review of the governing document.

5. JMP Public Administration First-Cycle Graduate Program Review

The JMP Public Administration was reviewed in April 2010. The JSC has now received the budget Dean's response from the Faculty of Arts (UW). The JSC has also received the Public Administration Joint Discipline Committee's response to the review, Public Administration's update on progress made since the review, and the budget Deans' responses from the Faculties of Arts (UM & UW). The final step will be for the Chair of the JSC, in consultation with the JSC, to write a response on the review to the Vice Presidents (Academic) UM & UW.

Drs. G. MacLean (Chair) and Joan Grace (committee member) have recused themselves from commenting on the review as they contributed to the responses at the MPA JDC level. Dr. Jay Doering, Dean of the Faculty of Graduate Studies UM, has been designated the writer of the Chair's response and will consult with the JSC regarding its content. The JSC will be given until April 18th to provide their comments to the Dean who will compile a response and submit it to the Vice Presidents (Academic) UM & UW no later than June 1, 2012.

6. JMP Religion Graduate Program Review

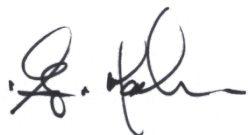
The JSC proposed that representatives from UM and UW (Graduate Studies) meet with representatives from JDC in Religion to discuss the concerns raised from the previous review. It was further recommended that the Deans of Graduate Studies at UM and UW, Drs. Doering and Kirby, meet with the Chair of the JDC in Religion to discuss the state of the JMP in Religion.

7. The JSC also discussed matters of interest for the Joint Masters Programs. Though none of these issues involved resolutions or recommendations, they included:

- a. Update on the JMPs in History, Religion, Public Administration, Peace & Conflict Studies in terms of enrollment, funding, faculty hires, etc.
- b. Potential New JMPs on the horizon

- c. Access to student information/institutional accounts;
- d. Decision-making process on applications;
- e. Student support in Joint Masters Programs ;
- f. Sharing best practices across all Joint Discipline Committees (JDCs) ;
- g. JDC record keeping; and
- h. Problem solving mechanisms

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'G. MacLean', written in a cursive style.

George A. MacLean, Chair

Annual Report of the Joint Senate Committee on Master's Programs Appeals

Preamble

The Terms of Reference for the Joint Senate Committee on Master's Programs can be found on the web at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/504.html

Observations

1. Members of the Committee for 2011-2012 included: Professor B. MacNeil (Medical Rehabilitation), Mr. O. Gagne (student, Graduate Studies), Prof. A. Sloane-Seale (Extended Education).
2. No appeals were referred to the Committee for consideration; therefore, no meetings were held during the reporting period.

Annual Report of the Senate Committee on Libraries

Preamble

1. Terms of reference for the Senate Committee on Libraries can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/505.html

Observations

1. Committee members (2011-2012):
Dr. J. Keselman (Vice-President (Academic) and Provost), Chair, Ms. K. Adams (Libraries), Ms. T. Andreglou (student, Architecture), Ms. T. Bates (student, Graduate Studies), Prof. K. Coombs (Medicine), Dean D. Crooks (Nursing), Dr. B. Hann (Graduate Studies), Prof. H. Heller (Arts), Prof. K. Markstrom (Music), Mr. C. Shefman (student, Law), Mr. M. Sadek (student, Graduate Studies), Dr. S. Sweeney (Libraries), Prof. J. Van Rees (Science), Prof. V. Warne (Arts), Dean M. Whitmore (Science),
2. The Committee met once during the reporting period, on September 20, 2011.
3. The Committee received information on: a new circulation policy for the University Libraries, plans to renovate Dafoe Library beginning in April 2012 and continuing through August, and current licensing issues concerning access to licensed resources by various categories of library patrons who might access library resources from off-site locations.

Respectfully submitted,

Dr. Joanne Keselman, Chair
Senate Committee on the Libraries



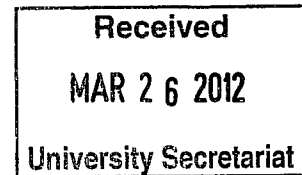
UNIVERSITY
OF MANITOBA

Faculty of Medicine

Office of the Dean
260 Brodie Center
727 McDermot Avenue
Winnipeg, Manitoba
Canada R3E 3P5
Telephone (204) 789-3557
Fax (204) 789-3928

MEMORANDUM

TO: Mr. Jeff Leclerc
University Secretary
312 Administration Building
Fort Garry Campus



FROM: Dr. Heather Dean, MD, FRCPC
Assistant Dean, Academic

DATE: March 22, 2012

**RE: ANNUAL REPORT OF THE SENATE COMMITTEE ON MEDICAL QUALIFICATIONS
MAY 2011 – APRIL 2012**

The Senate Committee on Medical Qualifications met on June 6, 2011 to review one application for medical license under Section 64 of the Manitoba Medical Act. The applicant was approved for submission to Senate.

Members of the SCMQ are:

Dr. H. Dean, Chair, Dean of Medicine or designate
Dr. J. Keselman, Vice-President (Academic) & Provost or designate
Dr. W. Pope, appointed by the College of Physicians and Surgeons of Manitoba
Dr. A. MacDiarmid, Faculty Member, Faculty of Medicine
Dr. M. Moffatt, Faculty Member, Faculty of Medicine
Dr. E. Cowden, Faculty Member, Faculty of Medicine

HD/mb

Annual Report of the Senate Committee on Nominations

Preamble

1. The Terms of Reference for the Committee are found on the University Governance website at www.umanitoba.ca/governance.
2. The Senate Committee on Nominations is responsible for recommending academic staff and student nominees for standing, *ad hoc* and special committees of Senate, as well as recommending Senate representatives on other University committees and outside boards. The Committee's recommendations are forwarded to Senate for consideration and approval.

Observations

1. Members of the Committee for 2011-2012 were: Prof. Carla Taylor, Prof. Sandra Kouritzin, Prof. Karen Jensen, Prof. Pam Perkins, Prof. Helen Cameron, Prof. Bob McIlraith, Dean Jay Doering, Prof. Yuewen Gong, Prof. Malcolm Smith, Ms. Kaitlynn Porath (student member), Ms. Nour Rashid (student member) and Professor Marie Edwards as Chair.
2. The Committee reported to Senate at the May 18, 2011, June 22, 2011 and November 2, 2011 Senate meetings, to consider academic staff nominees for vacancies on standing committees of Senate.
3. Student nominees for standing committees of Senate are prepared by a special sub-committee. A list of nominees was received from this group and recommendations were made by the Senate Committee on Nominations at the June 22, 2011 and November 2, 2011 Senate meetings.

Respectfully submitted,

Professor M. Edwards, Chair
Senate Committee on Nominations

Annual Report of the Senate Planning and Priorities Committee

Preamble

1. Terms of reference for the Senate Planning and Priorities Committee (SPPC) can be found at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/508.html

Observations

1. Committee members (2011-2012):
Ms. Ada Ducas (University Libraries), Chair, Prof. B. Amiro (Agricultural and Food Sciences, to November 28), Prof. M. Bartell (Management), Ms. N. Cheba (student, Science), Ms. J. Chen (student, Graduate Studies), Dr. D. Collins (Vice-Provost (Academic Planning and Programs)), Prof. C. Davis (Pharmacy, effective November 28), Prof. E. Epp (Architecture), Prof. M. Freund (Science), Prof. M. Gabbert (Arts), Ms. S. Gottheil (Vice-Provost (Students)), Dr. K. Grant (Vice-Provost (Academic Affairs)), Mrs. D. McCallum (Vice-President (Administration)), Prof. A. McNicol (Dentistry, May through October), Prof. M. Matthews (Music, May 30), Dr. J. Ristock (Associate Vice-President (Research)), Prof. A. Shalaby (Engineering), Prof. D. Smyth (Medicine), Ms. C. Tapp (UMSU, President), Prof. J. Young (Education)
2. During the reporting period, the Senate Planning and Priorities Committee met on nine occasions; May 30, August 22, September 26, October 31, and November 28, 2011, and January 23, February 27, March 26, and April 30, 2012. The appropriate reports of the Senate Planning and Priorities Committee are included in the Senate minutes.
3. The work of the Committee is carried out by three subcommittees:
Program and Curriculum Planning – Chair, Prof. M. Gabbert
Space Planning –Acting Chair, Ms. A. Ducas
Finance Planning – Chair, Ms. A. Ducas
4. The Chair of SPPC and the members of the Finance Planning subcommittee are members of the President's Budget Advisory Committee (BAC). This committee contributes to discussion of the University Budget through a series of meetings scheduled in April 2012.
5. I wish to thank the members who served on SPPC during the period covered by this report for their hard work, enthusiasm and dedication to the task. The support to SPPC provided by the Recording Secretaries, Ms. S. Foster (May 30, 2011), Ms. Meg Brolley (August 22, 2011 and September 26, 2011), Dr. Shannon Coyston (October 31, 2011-), and the University Secretary, Jeff Leclerc, continues to be very valuable and is highly regarded by the members of SPPC. I also thank the University senior administration for attending meetings and providing the Committee with all pertinent information.

Respectfully submitted,

A. Ducas, Chair
Senate Planning and Priorities Committee

Annual Report of the Senate Committee on Rules and Procedures

Preamble

1. Terms of reference for the Senate Committee on Rules and Procedures can be found at:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/509.html

Observations

1. Committee members (2011-2012):
Dean J. Doering (Graduate Studies), Chair, Ms. Karen Adams (Libraries), Prof. J. Anderson (Science), Ms. A. Fazaluddin (student, Science), Prof. K. MacKendrick (Arts)
2. The Committee met twice during the reporting period and participated in a number of electronic meetings.
3. The Committee reported to Senate on the following:
 - revisions to the Faculty of Law Bylaws (Senate, September 7, 2011)
 - revisions to the Faculty of Medicine By-law (Senate, April 4, 2012)
 - the addition of the Executive Lead, Indigenous Achievement as an Assessor on Senate (Senate, January 11, 2012)
 - the Committee's approval of a template for department council bylaws (Senate, April 4, 2012)
4. The Committee reviewed and made recommendations for changes to:
 - Department of Anthropology Council Bylaws
 - Department of Architecture Bylaws
 - Department of Interior Design Council Bylaws
 - Department of Landscape Architecture Council Bylaws
 - Department of Mathematics Bylaws
 - School of Medical Rehabilitation Council Bylaws
 - School of Medical Rehabilitation Council Executive Terms of Reference
 - Council of the Faculty of Nursing Bylaws

Respectfully submitted,

Dean J. Doering, Chair
Senate Committee on Rules and Procedures

Preamble

The terms of reference for the Senate Committee on University Research (SCUR) can be found on the web at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/510.htm

Observations

1. The members of the Committee for 2011-2012 included: Digvir Jayas, Vice-President (Research & International), as Chair; David T. Barnard, President and Vice-Chancellor (Ex-Officio); Karen Grant, Vice-Provost (Academic Affairs) (Ex-Officio), Designate; Gary Glavin, Associate Vice-President (Research); Janice Ristock, Associate Vice-President (Research); Jay Doering, Dean, Faculty of Graduate Studies; Barbara Crutchley, Director, Office of Research Services; Paul Hess, Director, School of Art; Mark Whitmore, Dean, Faculty of Science; Anthony Iacopino, Dean, Faculty of Dentistry; Michael Trevan, Dean, Faculty of Agricultural and Food Sciences; Karin Wittenberg, Professor, Faculty of Agricultural & Food Sciences; Roberta Woodgate, Professor, Faculty of Nursing; Rick Linden, Professor, Department of Sociology; Jim Davie, Professor, Department of Biochemistry and Medical Genetics; Patricia Martens, Professor, Department of Community Health Sciences; Mostafa Fayek, Professor, Clayton H. Riddell Faculty of Environment, Earth and Resources; Gordon Fitzell, Associate Professor, Faculty of Music; Lea Stirling, Professor, Department of Classics; Olivier Gagne, Graduate Studies.
2. The Committee met four times during the reporting period on May 19, 2011, September 29, 2011, December 8, 2011 and February 9, 2012.
3. The committee reviewed and recommended, to Senate, the following Centres, Professorships and Chairs

Endowed Chair in Cardiology

Renewal of Manitoba Centre for Nursing and Health Research (MCNHR) for a term of five years 2011-2016

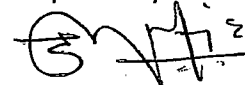
Renewal of Institute for the Humanities for a term of five years 2011-2016

Establishment of the Centre for Human Rights Research (CHRR) for a term of five years 2011-2016

Renewal of Centre for Earth Observation Science for a term of five years 2012-2017

The Committee approved the membership of the Rh Awards Selection Committee, 2011.

Respectfully submitted,



Digvir S. Jayas, Ph.D.

Chair, Senate Committee on University Research

/sj

REPORT OF THE SENATE COMMITTEE ON AWARDS - PART A

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 April 9, 2012 the Senate Committee on Awards approved four new offers as set out in Appendix A of the *Report of the Senate Committee on Awards – Part A* (dated April 9, 2012).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve four new offers as set out in Appendix A of the *Report of the Senate Committee on Awards – Part A* (dated April 9, 2012). These award decisions comply with the published guidelines of November 3, 1999, and are reported to Senate for information.

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

MEETING OF THE SENATE COMMITTEE ON AWARDS

Appendix A

April 9, 2012

1. NEW OFFERS

Dr. John M. Bowman Entrance Scholarship

In memory of Dr. John M. Bowman, the Winnipeg Rh Institute Foundation Inc. provides an annual contribution of \$10,000 to the University of Manitoba to offer entrance scholarships for undergraduate students entering the Faculty of Medicine. Beginning with the 2012-2013 academic year, one scholarship, valued at \$10,000, will be offered to an undergraduate student who:

- (1) has been admitted to the first year of the Undergraduate Medical Education Program in the Faculty of Medicine;
- (2) has ranked high on the Admission Composite Score.

Preference will be given to a rural student, however, if there is no rural candidate who meets the above criteria, the scholarship may be awarded to a non-rural student.

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

Orlukiewicz Family Bursary

In memory of Peter Orlukiewicz, the Orlukiewicz family (Tom, Heather, Daniel, Brian, Paul, Jean Orlukiewicz and George Orle) has established an endowment fund at the University of Manitoba, with an initial gift of \$10,400 in 2010. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The available annual interest from the fund will be used to offer up to two bursaries to undergraduate students who:

- (1) are enrolled full-time in the second year of study, in any Faculty or School;
- (2) have achieved a minimum degree grade point average of 2.0;
- (3) are a custodial parent with a dependent child or children;
- (4) have demonstrated financial need on the standard University of Manitoba bursary application form.

Preference shall be given to single parents.

The selection committee will have the discretion to determine the number and value of awards offered each year based on the available revenue and the level of financial need demonstrated by candidates for this bursary.

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

Paul Buteux Graduate Student Conference and Research Award

In memory of Paul Buteux, Iona Starr, Paul's wife, has established an endowment fund at the University of Manitoba with an initial gift of \$10,000. Family and colleagues have also made contributions to the fund. Paul was a Professor in the Department of Political Studies and founder and Director of the Centre for Defence and Security Studies (CDSS). The purpose of this fund is to provide support for graduate students associated with the CDSS at the University of Manitoba. The available annual interest from the fund will be used to offer one award to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies in a Master's or Doctoral program;
- (2) has an advisor who is either the Director, a Research Fellow or Research Associate with the Centre for Defence and Security Studies and is a member of the Faculty of Graduate Studies at the University of Manitoba;
- (3) has achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours;
- (4) is focusing his/her research in one of the following fields: traditional strategic studies, NATO or Canadian defence policy, and/or;
- (5) will be attending or presenting at a conference in strategic studies, NATO, or Canadian defence policy, or;
- (6) will be undertaking research in strategic studies, NATO, or Canadian defence outside of Manitoba.

The funds from this award must be used within the 12 month period following the date that the award recipient is announced. Recipients graduating within the 12 month period following the date of the award offer must use the funding prior to completion.

If the award recipient is using this award to travel to a conference, s/he will be required to submit receipts for travel, registration, hotel and food expenses (based on current University of Manitoba per diem rates). Expenses will be reimbursed up to the current maximum value of the award.

Candidates will be required to submit an application that includes i) a 500 word abstract describing his/her research; ii) a 250 word statement explaining how this award will contribute to enhancing his/her research; iii) a letter of reference from his/her advisor that states how the students' research aligns with one of the research areas listed above.

In any given year that, in the judgment of the selection committee, there is no qualified candidate, the award will not be awarded and the revenue will be capitalized.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Director of Centre for Defence and Security Studies (or designate) (currently Dr. James Fergusson) to name the selection committee.

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.

University of Manitoba –Tri-Council Master's Supplement Award (UM-TMSA)

The Faculty of Graduate Studies will fund the second year of a Master's student who held a Tri-Council CGSM or PGSM award. The award will be valued up to the same rate as the recipient's Tri-Council award. This award program is subject to the availability of funds from the Faculty of Graduate Studies.

The University of Manitoba –Tri-Council Master’s Supplement Award will be offered to graduate students who:

- (1) were new recipients of a Tri-Council CGSM or PGSM award offered through one of the following programs: CIHR Canada Graduate Scholarships Master’s Awards, NSERC Postgraduate Scholarships, NSERC Canada Graduate Student Scholarships, SSHRC Canada Graduate Scholarships; and
- (2) have not received funding equal to or greater than the value of this award in the second year of their Master’s program.

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

2. AMENDMENTS

None.

3. WITHDRAWALS

None.

Report of the Senate Committee on Academic Review

Preamble

1. The Terms of Reference for the Senate Committee on Academic Review are found on the web at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/489.htm
2. The Committee met on March 7, 2012 to consider a number of reports from the Vice-Provost (Academic Planning and Programs) regarding academic program reviews including a Report on the Status of Externally Accredited Programs, Summaries of Graduate Program Reviews, and Summaries of Undergraduate Program Reviews.

Observations

1. A discussion generated by the Committee's consideration of a Report on the Status of Externally Accredited Programs (January 9, 2012) revealed that the extent to which results of accreditation reviews and subsequent steps taken to address recommendations contained in the reviews are communicated to faculty and students varies considerably across the campus. The Chair will poll accredited programs on the extent to which the results of accreditation reviews are disclosed to faculty and students. The Committee would encourage deans to focus on communicating the results of such reviews to stakeholders within their faculty.
2. The Committee considered Summaries of Graduate Program Reviews for the Masters and Ph.D. programs in Statistics and Environment and Geography, the Master of Laws, and the Master of Arts in Political Studies, all of which were satisfactory.
3. The Committee observed that one cycle of graduate program reviews has been largely completed and a second cycle is currently underway. The initial cycle of reviews has resulted in significant and constructive improvements to a number of programs.
4. The Committee identified a number of common themes in the reports including the need for guaranteed and competitive levels of graduate student support, reduced time-to-completion, and improvements to office space.
5. The Committee was not satisfied with the program's response to a number of recommendations contained in the review of the Master of Laws program that identify the particular issues raised as 'a decanal matter'. The Committee would encourage the program to address the various matters with the Dean of the Faculty of Law. The Dean of the Faculty of Graduate Studies will also inquire with the Associate Dean of the Faculty to determine how recommendations are to be addressed, as part of the normal follow-up process to a review.
6. The Committee received for its consideration, Summaries of Undergraduate Program Reviews for programs in Family Social Sciences, Kinesiology and Recreation Management, Statistics, and Mathematics. The four reviews concluded to date were completed over a period of time, beginning in 2009. Nine other reviews are in process, two of which have been deferred for acceptable reasons. Undergraduate program reviews

have not proceeded as quickly as graduate program reviews. It is expected that the review process will be facilitated by an appointment of an Academic Analyst in the Office of the Vice-President (Academic) and Provost, who will organize the process, and discussions with the Associate Deans (Undergraduate) / Undergraduate Liaison Officers to increase engagement of departments.

7. The Committee expressed concern regarding a classification of inadequate for the undergraduate program in Mathematics, which was completed in November 2009. Given the time that has passed and the brevity of comments provided more recently by the Faculty, the Dean of the Faculty of Science will be invited to a future meeting to provide the Committee with an update on steps that have been taken by the Department of Mathematics to address recommendations made by the external review team.
8. The Vice-Provost (Academic Planning and Programs) advised the Committee that a review of the Policy and Procedure on Academic Program Reviews is required and invited members to suggest possible changes for discussion at the next meeting. Revisions to the Procedures, in particular, are required to clarify the different processes for graduate and undergraduate program reviews and to provide clearer expectations for external review teams.

Respectfully submitted,

David Collins, Chair
Senate Committee on Academic Review

Senate Committee on Academic Reviews

Report on the Status of Externally Accredited Programs

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Agricultural & Food Sciences			
Bachelor of Science in Agriculture Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Agribusiness Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Agroecology Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Food Science Agriculture Institute of Canada (AIC)	2006	5	2011
Agricultural and Food Sciences			
Bachelor of Science in Agroecology Agriculture Institute of Canada (AIC)	2006	5	2011
Bachelor of Science in Food Science Institute for Food Technologists	2009	5	2014
Architecture			
Master of Landscape Architecture (MLA) Canadian Society of Landscape Architecture (CSLA)	2010	5	2015
Master of Interior Design Professional program Council for Interior Design Accreditation(CIDA)	2005	6	2011
Master of City Planning Canadian Institute of Planners (CIP) & Manitoba Professional Planners Institute	2007	5	2012
Master of Architecture Canadian Architectural Certification Board (CICB)	2009	6	2015
Arts			
Ph.D. in Clinical Psychology American Psychological Association (APA)	2009	2	2011
Ph.D. in Clinical Psychology Accreditation Panel for Doctoral Programmes and Internships in Professional Psychology, Canadian Psychological Association (CPA).	2010	4	2014

FACULTY Degree	Accreditation		
	Last Visit	Period (YRS)	To
Ph.D. in Clinical Psychology American Psychological Association (APA)	2010	2	2013
Asper School of Business			
Bachelor of Commerce (Hon) Association to Advance Collegiate Schools of Business (AACSB)	2009	5	2014
Dentistry			
Dental Hygiene Diploma Canadian Dental Association (CDA)	2007	7	2014
Doctor of Dental Medicine Canadian Dental Association (CDA)	2007	7	2014
Graduate Orthodontics Canadian Dental Association (CDA)	2007	7	2014
Graduate Oral Surgery Canadian Dental Association (CDA)	2007	7	2014
Graduate Periodontics Canadian Dental Association (CDA)	2007	7	2014
Engineering			
Bachelor of Science in Biosystems Engineering Canadian Engineering Accreditation Board - Engineers Canada	2010	3	2013
Bachelor of Science in Civil Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Computer Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	5	2012
Bachelor of Science in Electrical Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Manufacturing Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Bachelor of Science in Mechanical Engineering Canadian Engineering Accreditation Board - Engineers Canada	2007	6	2012
Human Ecology			
Bachelor of Science in Human Nutritional Sciences Dietitians of Canada	2010	7	2017

Kinesiology and Recreation Mgt

Bachelor of Kinesiology (B.Kin) Athletic Therapy Program

2010

4

2014

Canadian Athletic Therapists' Association (CATA)

Bachelor of Kinesiology (B.Kin)

2010

pending

Canadian Council of Physical Education. & Kinesiology Administrators (CCUPEKA)

Bachelor of Physical Education (B.P.E.)

2010

pending

Canadian Council of Physical Education. & Kinesiology Administrators (CCUPEKA)**Medicine**

Physical Therapy: BMR (PT)

2010

5

2015

Accreditation Council for Canadian Physiotherapy Academic Programs (ACCPAC)

Respiratory Therapy: BMR (RT)

2007

5

2012

Council on Accreditation for Respiratory Therapy Education (CoARTE)

Master of Occupational Therapy (MOT)

2005

7

2012

Canadian Association of Occupational Therapists (CAOT)

Doctor of Medicine: MD

2011

Unspeci

Liaison Committee on Medical Education (LCME), and the Committee on Accreditation of Canadian Medical Schools (CACMS)

Manitoba Department of Clinical Health Psychology Residency Program

2011

7 years

2017

Canadian Psychological Association Accreditation Panel for Doctoral Programmes and Internships in Professional Psychology**Nursing**

Bachelor of Nursing: BN

2006

4

2016

College of Registered Nurses of Manitoba (CRNM); NP external Review; CRNM NP competency review; CRNM entry level competency and Standards review.**Pharmacy**

Bachelor of Science in Pharmacy

2007

7

2013

Canadian Council for Accreditation of Pharmacy Programs (CCAPP)

Bachelor of Science in Pharmacy

2012

Canadian Council for Accreditation of Pharmacy Programs (CCAPP)**Science**

Actuarial Mathematics (with the Asper School)

2009

5

2014

Society of Actuaries

Actuarial Mathematics: BSc (Hon)

2009

5

2014

Society of Actuaries

Joint Statistics / Actuarial Mathematics Honours: BSc (Hon)

2009

5

2014

Society of Actuaries

Bachelor of Computer Science (Honours)/(Honours Coop)

2007

5

2012

Canadian Information Processing Society (CIPS) Computer Science Accreditation Council (CIPS-CSAC)

Bachelor of Science (Honours)/(Honours Coop) - Computer Science

2007

5

2012

Canadian Information Processing Society (CIPS) Computer Science Accreditation Council (CIPS-CSAC)

Software Engineering Specializations (Honours & Major programs)

2007

5

2012

Computer Science Accreditation Council (CSAC)

Bachelor of Science, Honours Chemistry

2009

5

2014

Canadian Society for Chemistry (CSC)

Bachelor of Science, Honours Chemistry Co-op

2009

5

2014

Canadian Society for Chemistry (CSC)

Bachelor of Science, 4-Year Majors Chemistry

2009

5

2014

Canadian Society for Chemistry (CSC)

Bachelor of Science, 4-Year Majors Chemistry Co-op

2009

5

2014

Canadian Society for Chemistry (CSC)

Bachelor of Science, Honours Biochemistry (Jointly with Microbiology)

2009

5

2014

Canadian Society for Chemistry (CSC)

Bachelor of Science, Honours Biochemistry Co-op (Jointly with Microbiology)

2009

5

2014

Canadian Society of Chemistry (CSC)

Bachelor of Science, 4-Year Majors Biochemistry Co-op (Jointly with Microbiology)

2009

5

2014

Canadian Society of Chemistry (CSC)

Bachelor of Science, 4-Year Majors Biochemistry (Jointly with Microbiology)

2009

5

2014

Canadian Society of Chemistry (CSC)

Bachelor of Science, Honours Chemistry/Physics

2009

5

2014

Canadian Society of Chemistry (CSC)

Social Work

Bachelor of Social Work: BSW

2007

7

2014

Canadian Association for Social Work Education (CASWE-ACFTS)

Master of Social Work: MSW

2007

7

2014

Canadian Association for Social Work Education (CASWE-ACFTS)

April 23, 2012

Report of the Executive Committee of the Faculty of Graduate Studies on Course and Curriculum Changes

Observations

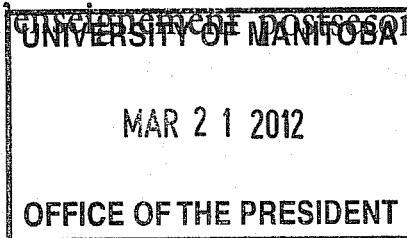
I am writing to report a correction to a Computer Science course introduction proposal which was approved by Senate at its meeting on March 7, 2012. The error concerns the course **COMP 7700 Graduate Workterm I (0)**. It was recently discovered that the course number proposed is already occupied by Computer Science course “Advanced Design and Analysis of Algorithms.” As such, **COMP 7600** will be assigned as the new course number for **Graduate Workterm I**.

COMP 7600 Graduate Workterm I (0)

Work assignment in business, industry, or government for students registered in the Computer Science Graduate Cooperative Option. Requires submission of a written report covering the work completed during the four-month professional assignment. Graded Pass/Fail.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee



March 16, 2012

Dr. David Barnard
President and Vice Chancellor
University of Manitoba
202 Administration Building
Winnipeg MB R3T 2N2

VCC: PET
Joanne Dyer
Tom Hay
Kathleen Sobie

Dear Dr. Barnard:

At its meeting on February 9, 2012, the Council on Post-Secondary Education (COPSE) approved the University of Manitoba's requests for one-time funding of \$113,565 in 2011/12, \$83,565 in 2012/13 and \$83,565 in 2013/14, in support of an Engineer-in-Residence.

Please be aware that beyond the granting of these funds, Entrepreneurship, Training and Trade (Industry Workforce Development) will assume full responsibility for the project liaison, monitoring, and reporting in cooperation with the University of Manitoba.

Should the University of Manitoba not utilize funds which correspond to the Engineer-in-Residence – aero engine instrumentation and testing, we require the return of the unused funds. In such instances, COPSE will consider a proposal for alternate use of surplus funds. Please contact Carlos Matias at 945-1839 in order to arrange for the receipt of the funds.

Sincerely,


Dan Smith
A/Secretary

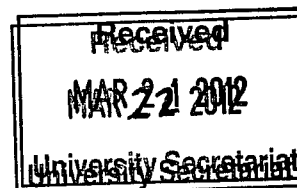
c. Joanne Keselman
David Collins
Ray Karasevich
Carlos Matias



UNIVERSITY
OF MANITOBA

Office of the Vice-President
(Academic) & Provost

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160



Date: March 21, 2012
To: Jay Doering, Dean, Faculty of Graduate Studies
From: Joanne C. Keselman, Vice-President (Academic) and Provost
Subject: Doctor of Philosophy (Ph.D.) program in Nursing

At its meeting of March 9, 2012, the Council on Post-Secondary Education approved your proposal for the establishment of a 12 credit hour Doctor of Philosophy (Ph.D.) in Nursing program.

Because this new program utilizes existing resources and requires no additional financial support, I hereby approve its implementation with effect from September 2012.

On behalf of the University of Manitoba, I extend my congratulations to all those who have worked so hard to design this program. I look forward to the implementation of this new and exciting program.

cc. Neil Marnoch, Registrar
Dauna Crooks, Dean, Faculty of Nursing
Thelma Lussier, Director, Institutional Analysis
Jeff Leclerc, University Secretary



UNIVERSITY
OF MANITOBA

Office of the Vice-President
(Academic) & Provost

208 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 480-1408
Fax (204) 275-1160

APR 24 2012

University Secretariat

REPLACES MEMO DATED APRIL 17, 2012

Date: April 23, 2012
To: Jay Doering, Dean, Faculty of Graduate Studies
From: Joanne C. Keselman, Vice-President (Academic) and Provost
Subject: Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) programs in
Biomedical Engineering

At its meeting of February 9, 2012, the Council on Post-Secondary Education approved your proposal for the establishment of the Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) programs in Biomedical Engineering.

Because these new programs utilize existing resources and require no additional financial support, I hereby approve their implementation with effect from September 2012.

On behalf of the University of Manitoba, I extend my congratulations to all those who have worked so hard to design these programs. I look forward to the implementation of these new and exciting programs.

cc. Neil Marnoch, Registrar
Jonathan Beddoes, Dean, Faculty of Engineering
Douglas Thomson, Associate Dean (Research), Faculty of Engineering
Thelma Lussier, Director, Institutional Analysis
Jeff Leclerc, University Secretary
Joanne Dyer, University Budget Officer




312 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
Fax (204) 474-7511

UNIVERSITY
OF MANITOBA

Office of the University Secretary

MEMORANDUM

DATE: March 21, 2012
TO: Dr. David Barnard, Chair of Senate
FROM: Jeff M. Leclerc, University Secretary 
SUBJECT: ***APPROVAL OF MOTION, BOARD OF GOVERNORS MEETING –
March 20, 2012***

At its meeting on March 20, 2012 the Board of Governors approved the following motion:

THAT the Board of Governors approve sixteen new offers and one amended offer as set out in Appendix A of the Report of the Senate Committee on Awards [dated December 15, 2011].

THAT the Board of Governors approve one new offer and three amended offers as set out in Appendix A of the Report of the Senate Committee on Awards [dated January 18, 2012].

THAT the Board of Governors approve one amended offer as set out in Appendix A of the Report of the Senate Committee on Awards [dated January 25, 2012].

JML/sf

Copy: ✓ Shannon Coyston
Candace Prejet




312 Administration Building
Winnipeg, Manitoba
Canada R3T 2N2
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UNIVERSITY
OF MANITOBA

Office of the University Secretary

MEMORANDUM

DATE: April 18, 2012
TO: David Barnard, Chair of Senate
FROM: Jeff M. Leclerc, University Secretary 
SUBJECT: **APPROVAL OF MOTION, Executive Committee Meeting – April 17, 2012**

At its meeting on April 17, 2012 the Executive Committee, on behalf of the Board of Governors, approved the following motions:

THAT the Board of Governors approve four new offers and one amended offer as set out in Appendix A of the Report of the Senate Committee on Awards [dated February 17, 2012].

THAT the Board of Governors approve the establishment of the Centre for Human Rights Research for a period of five years beginning April 1, 2012 [as recommended by Senate April 4, 2012].

THAT the Board of Governors approve the proposal for the Internationally Educated Agriologists Program [as recommended by Senate April 4, 2012].

JML/sf

Copy: Shannon Coyston

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

Dean Mark Whitmore will be the Speaker for the Executive Committee for the May meeting of Senate.

2. Appointments of Chair and Vice-Chair, Senate Committee on Appeals

Professor Archie McNicol's term as Chair of the Senate Committee on Appeals will conclude on May 31, 2012. Senate Executive has reappointed Professor McNicol to the position of Chair for a term ending May 31, 2015.

Professor Arlene Young will resign as Vice-Chair of the Senate Committee on Appeals, effective May 31, 2012. Senate Executive has appointed Professor Sharon Alward to the position of Vice-Chair of the Senate Committee on Appeals for a term ending May 31, 2015.

3. Appointments of Chair and Vice-Chair, Senate Committee on Admission Appeals

Professor David Mandzuk's term as Chair of the Senate Committee on Admission Appeals will conclude on May 31, 2012. Senate Executive has reappointed Professor Mandzuk to the position of Chair for a term ending May 31, 2015.

Professor Brenda Hann's term as Vice-Chair of the Senate Committee on Admission Appeals will conclude on May 31, 2012. Senate Executive has reappointed Professor Hann to the position of Vice-Chair for a term ending May 31, 2015.

4. Vacancies on the Senate Committee on Nominations

The report of the University Secretary on the Senate Committee on Nominations is attached (Appendix A). Members of the Senate Committee of Nominations are nominated by the Senate Executive Committee and elected by Senate (See recommendation below).

5. Implementation Plan Framework for the Cooper Commission Report

Senate Executive endorsed the establishment of an Implementation Working Group for the Cooper Commission Report, with terms of reference as set out in Appendix B.

6. Comments of the Executive Committee of Senate

Other comments of the Executive Committee accompany the report on which they are made.

Recommendation

The Senate Executive Committee recommends that the following nominations to the Senate Committee on Nominations be approved by Senate for three-year terms ending May 31, 2015:

- a) Professor Carla Taylor (re-appointment), representing Agriculture & Human Ecology
- b) Professor Helen Cameron (re-appointment) representing Science
- c) Professor Sandra Kouritzin (Senator, re-appointment), representing Education & Kinesiology and Recreation Management
- d) Professor Karen Jensen (re-appointment), representing Music, Fine Art & Libraries

Respectfully submitted,

Dr. David Barnard, Chair
Senate Executive Committee
Terms of Reference:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/477.htm

Vacancies on the Senate Committee on Nominations

At the July 1977 meeting of Senate, Senate approved without debate the following area representations for the Senate Committee on Nominations. The representation was amended in July 1991 to include the Libraries, and again in June 2005 to include the Clayton H. Riddell Faculty of Environment, Earth and Resources. The membership at May 4, 2011, is as follows:

1.	Agriculture & Human Ecology	Carla Taylor*	to	2012
2.	Architecture & Engineering	Jay Doering*	to	2013
3.	Arts	Pam Perkins	to	2014
4.	Science	Helen Cameron	to	2012
5.	Law, Pharmacy & Environment, Earth and Resources	Yuewen Gong*	to	2013
6.	Medicine & Dentistry	Bob McIlraith*	to	2014
7.	Education & Kinesiology and Recreation Management	Sandra Kouritzin*	to	2012
8.	Management & Extended Education	Malcolm Smith	to	2014
9.	Music, Fine Art & Libraries	Karen Jensen	to	2012
10.	Nursing, Social Work & Student Affairs	Marie Edwards*	to	2013
11.	Students (2)	Kaitlynn Porath	to	2012
		Nour Rashid	to	2012

* denotes member of Senate at time of appointment

The terms for Carla Taylor, Helen Cameron, Sandra Kouritzin and Karen Jensen, will end on May 31, 2012. Consequently, replacements are required for the following areas for the term June 1, 2012 to May 31, 2015.

1. Agriculture and Human Ecology
2. Science
3. Education & Kinesiology and Recreation Management
4. Music, Fine Art & Libraries

The composition of the Committee on Nominations calls for ten members of the academic staff, the majority of whom are to be members of Senate. Since six of the academic members currently on the Committee are Senators, and two of the members' terms are ending, two of the replacements will have to be a member of Senate at the time of election to the Senate Committee on Nominations.

Professors Taylor, Cameron, Kouritzin and Jensen have expressed a willingness to continue serving on the Committee.

The term of Kaitlynn Porath and Nour Rashid as student members will end on May 31, 2012. Consequently, student replacements are required for the term June 1, 2012 to May 31, 2013. The students on the Nominations Committee have identified Jennifer Black and Jessica Rebizant as willing to serve in this capacity.

Implementation Plan Framework for the Cooper Commission Report

April 23, 2012 (version 3)

On April 4, 2012, Senate received the report of the *ad hoc* Committee of Senate Executive to Examine Accommodation of Students with Disabilities and Governance Procedures Related to Academic Requirements (the “Cooper Commission”). After discussion of the report, Senate approved its recommendations in principle and referred it back to Senate Executive to develop an implementation plan and to report back to Senate on progress and with specific proposals for approval as appropriate. It was recognized at the time that the implementation of the recommendations requires coordination and the efforts of many members of the University Community. It is also recognized that the implementation of the Cooper Commission’s recommendations will take time.

The implementation of the Cooper Commission’s reports will be a large undertaking and will likely invite the consideration of related issues around accommodation, academic programs and regulations, and academic decision making processes at the University. The recommendations of the Cooper Commission are varied. Some of the recommendations involve developing or updating policies and establishing new protocols, which are reasonably straight-forward. Other recommendations involve each faculty developing accommodation committees and other structures that are more complex and will involve the coordination of faculties and support units. Another recommendation, when implemented, will require each academic unit to examine and define in writing the bona fide academic requirements of each program. The development of a structure and process by which this will be undertaken is a colossal undertaking, particularly given the elaborate suite of academic program, majors, minors and options offered at the University.

It is recommended that in order to ensure the effective and timely implementation of the Cooper Commission’s recommendations, that Senate Executive establish an Implementation Working Group, with the following terms of reference:

Terms of reference:

1. To establish a detailed plan for the implementation of the Cooper Commission recommendations;
2. To delegate tasks and establish groups to develop the necessary policies, processes and activities to meet the recommendations;
3. To research and encourage the incorporation of work done at other similar institutions in the areas identified in the recommendations;
4. To provide bi-monthly reports to Senate Executive and Senate on the progress of implementation;
5. To propose timelines for the implementation of Cooper Commission recommendations.

Composition: Dr. Lynn Smith, Executive Director (Student Services) and Mr. Jeff Leclerc, University Secretary (co-chairs)
Dr. Archie Cooper, Chair of the Cooper Commission (as an advisor)
Two members of the Senate Executive Committee
Such other members as the working group feels necessary to complete their work.

The members of the original Senate Executive ad hoc committee and authors of the Cooper Commission Report collectively represent an important resource of knowledge and experience in the issues at the heart of the Cooper Commission's recommendations. It is recommended that the members of the Cooper Commission remain available to the Working Group and to the Senate Executive in an advisory capacity to review and provide feedback to proposals, policies and processes developed to implement the recommendations of the Cooper Commission prior to the submission of such proposals for approval.

Report of the Senate Committee on Nominations

Preamble

1. Since last reporting to Senate on November 2, 2011, the Senate Committee on Nominations (SCN) met on April 25, 2012, to consider nominations to fill vacancies on the standing committees of Senate.
2. The terms of reference for the SCN are found on the University Governance website.

Observation

1. Listed below are all committees having vacancies to be filled, along with the names of the nominees being proposed, their faculty/school, and the expiry date of their terms.

Recommendations

1. The SCN recommends to Senate the following list of faculty nominees:

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Academic Computing	Jay Doering (R)	Graduate Studies	2015.05.31
	Ralph Stern	Architecture	2015.05.31
	Lawrence Elliott	Medicine	2015.05.31
	Karen Smith (R)	Education	2015.05.31
	Tania Gottschalk	Libraries	2015.05.31
Senate Committee on Academic Dress	Song Liu	Human Ecology (Textile Sciences)	2015.05.31
Senate Committee on Academic Freedom	Cam Morrill (R)	Asper School	2015.05.31
	Robert Macmillan	Education	2015.05.31
Senate Committee on Academic Review	Jeffery Taylor	Arts	2015.05.31
	Andrew MacDiarmid (R)	Medicine	2015.05.31

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Admissions	Robert Macmillan	Education	2015.05.31
	Nick Turner	Asper School	2015.05.31
	TBA – the Committee intends to nominate the new University 1 Director, once appointed	University 1	2015.05.31
Senate Committee on Admission Appeals	Terry Janzen (R)	Arts	2015.05.31
	Lorna Guse (R)	Nursing	2015.05.31
	Eveline Milliken (R)	Social Work	2015.05.31
Senate Committee on Appeals	Vanessa Swain	Dentistry	2015.05.31
	Charlotte Enns	Education	2015.05.31
	Peter Blunden	Science	2015.05.31
Senate Committee on the Calendar	Philip Hultin (R)	Science	2015.05.31
	Joan Linklater	Music	2015.05.31
Senate Committee on Curriculum and Course Changes	Lori Wallace	Extended Education	2015.05.31
Senate Committee on Honorary Degrees	Michael Benarroch	Asper School	2015.05.31
Senate Committee on Instruction and Evaluation	Karen Jensen (R)	Music	2015.05.31
	Emily Etcheverry (R)	Medicine	2015.05.31
	Tee Boon Goh (R)	Agricultural and Food Sciences	2015.05.31
Senate Committee on Libraries	Lori Wallace	Extended Education	2015.05.31
	Robert McIlwraith	Medicine	2015.05.31
	Thomas Booth	Science	2015.05.31

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Planning and Priorities Committee	Janice Dodd	Medicine	2016.05.31
Senate Committee on Rules and Procedures	Karen Adams (R)	Libraries	2015.05.31
Senate Committee on University Research	TBA		2015.05.31
	Jonathan Beddoes	Engineering	2015.05.31
	Gordon Fitzell (R)	Music	2015.05.31
	Rick Linden (R)	Arts	2015.05.31

2. The SCN recommends to Senate the following list of student nominees:

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Academic Computing	Veronica Marriott	Engineering	2014.05.31
	Can Liu	Extended Education	2014.05.31
	Marta Dabros	Graduate Studies	2014.05.31
	TBA	Graduate Studies	2014.05.31
Senate Committee on Academic Dress	Samuel Teichroew	Asper School	2013.05.31
	Yijie (Jennifer) Chen	Graduate Studies	2013.05.31
Senate Committee on Academic Freedom	Olivier Gagne	Graduate Studies	2013.05.31
	Monika Wetzel	Human Ecology	2013.05.31
Senate Committee on Academic Review	Eyal Kraut	Medicine	2013.05.31
	Veronica Marriott	Engineering	2013.05.31
Senate Committee on Admissions	Marlena Bova	Law	2013.05.31
	David Sytnid	Science	2013.05.31
	Kendra Magnusson	Graduate Studies	2013.05.31

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Admission Appeals	Janine Urbano	Science	2013.05.31
Senate Committee on Appeals	Senthilkumar Thiruppathi	Graduate Studies	2013.05.31
Senate Committee on Awards	Amanda McMullin	Arts	2013.05.31
	Yijie (Jennifer) Chen	Graduate Studies	2013.05.31
Senate Committee on the Calendar	Larry Solomon	Education	2013.05.31
Senate Committee on Curriculum and Course Changes	Melissa Gabbs	Human Ecology	2013.05.31
	Larry Solomon	Education	2013.05.31
	Aisha Maqsood	Education	2013.05.31
Senate Committee on Instruction and Evaluation	Debbie Sirota	Social Work	2013.05.31
	Grace Kankindi	Engineering	2013.05.31
	Jordyn Lerner	Medicine	2013.05.31
	Tonia Bates	Graduate Studies	2013.05.31
Joint Senates Committee (JSC) on Master's Programs	Mae Wincott	Graduate Studies	2013.05.31
Joint Senates Committee (JSC) on Master's Programs Appeals	Sem Moreno	Graduate Studies	2013.05.31
Senate Committee on Libraries	Jessica Rebizant	Graduate Studies	2014.05.31
	Tonia Bates	Graduate Studies	2014.05.31
	Aisha Maqsood	Education	2014.05.31
	Nicolette Kiige	Asper School	2014.05.31
Senate Planning and Priorities Committee	TBA		2014.05.31
	TBA		2014.05.31

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Rules and Procedures	Aisha Maqsood	Education	2013.05.31
Senate Committee on University Research	Sem Moreno	Graduate Studies	2014.05.31
	Olivier Gagne	Graduate Studies	2014.05.31

Respectfully submitted,

Professor M. Edwards, Chair
Senate Committee on Nominations

/su

REPORT OF THE SENATE COMMITTEE ON AWARDS – PART B

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)

Observation

At its meeting of April 9, 2012, the Senate Committee on Awards reviewed one new offer that appears to be discriminatory according to the policy on the *Non-Acceptance of Discriminatory Awards*, as set out in Appendix A of the *Report of the Senate Committee on Awards - Part B* (dated April 9, 2012). With regard to the letter of support from Ms. Lisa Fainstein (Associate Dean of Law), the committee observed that although her statement regarding the Aboriginal population of Manitoba was inconsistent with data provided by Ms. Kali Storm (Director, Aboriginal Student Centre), the argument that Aboriginal students were under-represented in the Faculty of Law was nonetheless valid.

Recommendation

The Senate Committee on Awards recommends that Senate and the Board of Governors approve one new offer, as set out in Appendix A of the *Report of the Senate Committee on Awards- Part B* (dated April 9, 2012).

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

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

MEETING OF THE SENATE COMMITTEE ON AWARDS

Appendix A

April 9, 2012

1. NEW OFFERS

Israel and Maylene Ludwig Aboriginal Nesiyah Award

(Nesiyah is a Hebrew word meaning journey)

Israel and Maylene Ludwig have established an endowment fund at the University of Manitoba with an initial gift of \$100,000. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The purpose of the fund is to support Aboriginal law students who face challenges as they strive to obtain their J.D. in the Faculty of Law (Robson Hall). Beginning with the 2013-2014 academic year, the available annual interest from the fund will be used to offer up to two bursaries annually to undergraduate students who:

- (1) are Aboriginal (Status, Non-Status, Métis, Inuit);
- (2) are enrolled either part-time or full-time in the Faculty of Law at the University of Manitoba in any year of study, including first year;
- (3) have achieved a minimum degree grade point average of 2.0;
- (4) have demonstrated financial need on the University of Manitoba general bursary application.

The selection committee has the discretion to renew the bursary if a student continues to meet all of the criteria listed above.

The donors reserve the right to review the terms of reference of this award in five years (2017).

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

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

(Attachments I and II)



UNIVERSITY
OF MANITOBA

Faculty of Law

February 15, 2012

Dr. Phil Hultin
Chair
Senate Committee on Awards



Robson Hall
Winnipeg, Manitoba
Canada R3T 2N2
Fax (204) 474-7580
Phone (204) 474-6130

Dear Dr. Hultin:

I am writing this letter in support of the establishment of the **Israel and Maylene Aboriginal Nesiya Award**. Israel and Maylene Ludwig have established an endowment fund at the University of Manitoba with an initial gift of \$100,000. The purpose of the fund is to support Aboriginal law students who face challenges as they strive to obtain their J.D. in the Faculty of Law (Robson Hall).

This award is specifically for Aboriginal students and as such it is discriminatory. However, the record of admission of Aboriginal students and then successful progression through law school shows a very low percentage of Aboriginal people engaged at the law school. Aboriginal people make up 40% of the population of Manitoba yet only a small percentage attend post secondary education. Each year at law school for every 100 students admitted only between a low of four and a high of eight students identify themselves as Aboriginal. Clearly Aboriginal students are under-represented in the Faculty and have been for the past five years. A statistical analysis is attached.

We at the Faculty of Law are excited by this new award that will encourage diversity and support an under-represented group in our Robson Hall student community. If there is any other information that you require please do not hesitate to ask.

Thank you for your efforts on our behalf.

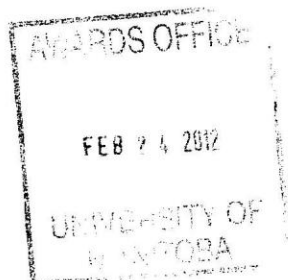
Yours sincerely,

Lisa Fainstein
Associate Dean of the LL.B./J.D. Program

20 YEAR REGISTRANT OVERVIEW - FACULTY OF LAW

	Registrants																			
	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007	2005-2006	2004-2005	2003-2004	2002-2003	2001-2002	2000-2001	1999-2000	1998-1999	1997-1998	1996-1997	1995-1996	1994-1995	1993-1994	1992-1993
Index Score	97	91	87	94	87	85	93	83	90	76	78	82	76	79	80	83	87	86	78	81
Indiv Cons	9	8	9	2	6	5	4	6	7	11	9	7	13	12	10	10	5	6	4	9
Aboriginal	4	5	8	4	6	7	5	7	5	8	7	6	9	8	4	6	3	5	10	8
Re-Admits	0	0	3	0	0	4	0	9	3	4	5	3	0	1	0	0	0	1	1	0
Half-time	1	2	3	3	0	3	2	3	2	1	3	2	1	5	2	4	1	0	4	2
MB Residents	61	56	66	71	54	65	61	61	70	58	71	58	63	60	70	79	66	73	67	59
Non-Residents	49	50	41	32	45	39	43	38	37	44	31	42	36	40	26	20	29	32	25	39
Male	56	44	53	57	58	59	48	52	59	52	53	44	47	53	45	49	59	50	59	62
Female	54	62	54	46	41	45	56	47	48	50	49	56	52	47	51	50	36	45	33	36
U of MB	30	28	43	45	29	32	39	35	39	34	48	39	-	43	-	63	48	48	41	48
U of Wpg	17	18	16	19	13	19	13	13	20	18	14	12	-	10	-	12	9	6	13	8
U of Brandon	6	2	1	2	3	7	3	2	1	0	1	2	-	4	-	4	2	4	2	0
Others	57	58	47	37	54	46	49	58	47	50	34	47	-	43	-	20	26	37	47	42
*Deferred	7	2	6	2	2	7	1	6	8	6	3	18	10	6	0	0	0	0	0	0
Total	110	106	110	103	99	104	104	108	107	102	102	100	99	100	96	99	95	95	92	98

*Deferral for next year not included in Total





ABORIGINAL STUDENT CENTRE

March 29, 2012

Dr. Phil Hultin
Chair of the Senate Committee on Awards
c/o Ms. Candace Prejet
Awards Establishment Coordinator
422 University Centre



Dear Dr. Hultin & Senate Committee:

Please accept this letter as formal support for the proposed Israel and Maylene Aboriginal Nesiya Award which is designed "to support Aboriginal law students who face challenges as they strive to obtain their J.D. in the Faculty of Law".

The number of Aboriginal students attending the University of Manitoba continues to increase and I believe it is partially due to the financial assistance made available through initiatives such as this. The Israel and Maylene Aboriginal Nesiya Award is an example of how community 'gives back' to the University of Manitoba and want to contribute to areas they feel are important. The number of Aboriginal students in the Faculty of Law is growing and these awards will assist those students wishing to continue but require financial assistance to do so.

I trust that the Senate committee will approve this award and others like it, in the hopes of increasing the recruitment and retention of Aboriginal students pursuing a degree in the Faculty of Law.

In education, miigwetch!

Kali Storm, Director
Aboriginal Student Centre

Aboriginal Student Centre
45 Curry Place
University of Manitoba
Winnipeg, MB R3T 2N2

Phone: 204-474-8850
Fax: 204-275-3142
Email: asoc@umanitoba.ca

STUDENT AFFAIRS

creating opportunities for student success



UNIVERSITY
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The following statistics* are provided in support of the proposed Israel and Maylene Aboriginal Nesiya Award

- There are 150,045 Aboriginal people in Manitoba, or 11.7% of the population.
 - There are 55,755 Aboriginal people in Winnipeg, or 8.4% of the population.
 - There are 2021 Aboriginal students who self-declared at The University of Manitoba, or 7.7% of the undergraduate population.
- There are 23 self-declared Aboriginal students in the Faculty of Law, or 1.1% of the population.

* Statistics are from the Government of Canada 'Aboriginal People in Manitoba', 2006 and from Institutional Analysis 'A Profile of Canadian Aboriginal Students at The University of Manitoba', 2011.

March 15, 2012

Report of the Senate Committee on Instruction and Evaluation RE: Amendments to the Academic Regulations, Faculty of Engineering, Concerning the Dean's Honour List

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 March 15, 2012 to consider a proposed amendment to the Academic Regulations of the Faculty of Engineering pertaining to the Dean's Honour List.

Observations:

1. The Faculty of Engineering is proposing an amendment to the regulations for the Dean's Honour List. In particular, the regulation is being revised to allow students who complete coursework during the Summer Session to be assessed for inclusion on the Dean's Honour List. At present, only students who complete coursework during the Regular Session are considered for the Dean's Honour List.

Recommendations

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve amendments to the Academic Regulations of the Faculty of Engineering concerning the Dean's Honour List.

Respectfully submitted,

Dr. Karen Grant, Chair
Senate Committee on Instruction and Evaluation

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

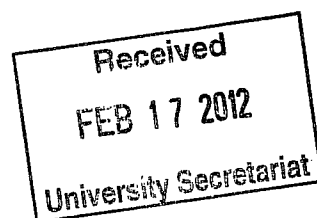


UNIVERSITY
OF MANITOBA

Academic Regulations and
Curriculum Committee

E2-390 EITC Building
Telephone +1-204-474-8963
Facsimile +1-204-261-4639
mcneill@ee.umanitoba.ca

Memo



To: David Levin, Chair
Scholarship, Bursaries, and Awards Committee
Faculty of Engineering

From: Dean K. McNeill, Chair
Academic Regulations and Curriculum Committee

Subject: **Dean's Honour List**

I have recently been contacted by Associate Dean Sepehri with a request that the current Faculty of Engineering regulation 3.8 governing the Dean's Honour List (DHL) be modified to include qualifying students who complete coursework during the Summer term (May–August). The current regulation limits the DHL to Regular Session, and the Dean's Office feels it is appropriate to extend this to include the Summer term as well.

As this regulations governs the determination of an award/distinction, I have advised the Associate Dean that the matter should be considered by the Scholarships, Bursaries, and Awards Committee. Could you please forward this request to the committee at your earliest convenience and advise me in due course of the committee's decision regarding this proposal.

Current Regulation

Dean's Honour List

A continuing student who achieved a Term Grade Point Average (TGPA) of 3.50 or higher in their most recent academic assessment will be placed on the Dean's Honour List. The assessment is based on a minimum of 12 credit hours. The list will be updated at the end of each of the two regular session terms. A graduating student who achieved a Degree Grade Point Average (DGPA) of 3.50 or higher in their final academic evaluation will graduate on the Dean's Honour List.

Proposed Regulation

Dean's Honour List

A continuing student who achieved a Term Grade Point Average (TGPA) of 3.50 or higher in their most recent academic assessment will be placed on the Dean's Honour List. The assessment is based on a minimum of 12 credit hours. ~~The list will be updated at the end of each of the two regular session terms.~~ A graduating student who achieved a Degree Grade Point Average (DGPA) of 3.50 or higher in their final academic evaluation will graduate on the Dean's Honour List.

Report of the Joint Senate Committee on Joint Masters Programs between the University of Winnipeg and the University of Manitoba

Preamble

1. For information on the powers and duties of the Joint Senate Committee (JSC), please visit point #2 of the committee's terms of reference which are available at: http://umanitoba.ca/admin/governance/governing_documents/governance/sen_commitees/503.html
2. Membership on the committee for 2011-2012 included: Dr. George MacLean (Chair); Dr. John Doering (Dean, Faculty of Graduate Studies UM, ex-officio), Dr. Sandra Kirby (Assoc. Vice President Academic & Dean of Grad Studies UW, ex-officio), Dr. Zana Lutfiyya (Faculty of Education UM), Dr. Mark Libin (English, Film & Theatre UM), Dr. Jessica Senehi (Peace & Conflict Studies UM), Dr. Mark Meuwese (History UW), Dr. Karen Harlos (Business Administration UW), Dr. Joan Grace (Politics UW), and Mr. Bob Christmas (Grad student rep, UM).
3. The JSC met on December 2, 2011, and April 3, 2012 to consider the following proposals and matters for discussion.

Observations

1. Proposed Revisions to the JSC Terms of Reference:
 - a. At the June 2011 meeting committee members agreed that a policy should be implemented for the review of JMP programs. The following wording is proposed under section 2.k) of the JSC terms of reference:

“The Joint Senate Committee will review the policies governing the Joint Masters Programs and the Joint Discipline Committee regulations no less frequently than seven (7) years. The review will be self-implemented, meaning the JSC will undertake the review on its own, with the assistance of the various JDC members. Aside from the seven (7) year policy review, periodic policy reviews of particular programs or regulations may be undertaken by the JSC. Any changes require Senate approval of both universities.”
 - b. There is currently no requirement stipulated in the JSC terms of reference for an annual meeting. The following wording is proposed to be added under section 2.h) of the JSC terms of reference:

“At a minimum, the JSC will meet annually.”

2. Comprehensive Review of the Governing Document: *Regulations Governing the Joint Masters Programs Between the University of Manitoba and the University of Winnipeg*

The governing document *Regulations Governing the Joint Masters Programs Between the University of Manitoba and the University of Winnipeg* must account for the role of the new Faculty of Graduate Studies at the University of Winnipeg, as there is no present accounting for it in the regulations. The JSC proposes that a comprehensive review of the governing document take place and that an ad hoc committee be stricken to review the document.

3. JMP Public Administration First-Cycle Graduate Program Review

The JMP Public Administration was reviewed in April 2010. The JSC has now received the budget Dean's response from the Faculty of Arts (UW). The JSC has also received the Public Administration Joint Discipline Committee's response to the review, Public Administration's update on progress made since the review, and the budget Deans' responses from the Faculties of Arts (UM & UW). The final step will be for the Chair of the JSC, in consultation with the JSC, to write a response on the review to the Vice Presidents (Academic) UM & UW.

Drs. G. MacLean (Chair) and Joan Grace (committee member) have recused themselves from commenting on the review as they contributed to the responses at the MPA JDC level. Dr. Jay Doering, Dean of the Faculty of Graduate Studies UM, has been designated the writer of the Chair's response and will consult with the JSC regarding its content. The JSC will be given until April 18th to provide their comments to the Dean who will compile a response and submit it to the Vice Presidents (Academic) UM & UW no later than June 1, 2012.

4. JMP Religion Graduate Program Review

The JSC proposed that representatives from UM and UW (Graduate Studies) meet with representatives from JDC in Religion to discuss the concerns raised from the previous review. It was further recommended that the Deans of Graduate Studies at UM and UW, Drs. Doering and Kirby, meet with the Chair of the JDC in Religion to discuss the state of the JMP in Religion.

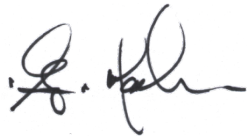
5. The JSC also discussed matters of interest for the Joint Masters Programs. Though none of these issues involved resolutions or recommendations, they included:

- a. Update on the JMPs in History, Religion, Public Administration, Peace & Conflict Studies in terms of enrollment, funding, faculty hires, etc.
- b. Potential New JMPs on the horizon

Recommendations

The Joint Senate Committee recommends THAT: the “Proposed Revisions to the JSC Terms of Reference” (as per point 1 under Observations) be approved by University of Manitoba and University of Winnipeg Senates.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'G. MacLean', with a stylized flourish at the end.

George A. MacLean, Chair

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

Joint Senates Committee (JSC) (on Master's Programs)

Secretariat for the JSC shall be provided on a three to five year rotational basis by UM and UW, with the understanding each University has equal responsibilities in this matter.

1. Size and Composition of JSC

- a) Three members of the academic staff to be named by each University, of whom one from each University shall be from outside the departments or disciplines participating in JMPs, the Vice-President (Research, Graduate Studies and International) (UW) and the Dean of Graduate Studies (UM), as voting members.
- b) A Chair, to be named by the Presidents of the two participating Universities, with a tie casting vote only.
- c) One graduate student, enrolled in the JMP to be proposed by the Graduate Students' Association as a member of the Senate Nominating Committee, and approved by the University of Manitoba Senate.
- d) One graduate student, enrolled in a JMP, to be proposed by the Chairs of the Joint Masters Programs to the University of Winnipeg Senate Nominating Committee and approved by the University of Winnipeg Senate.

2. Powers and Duties of the JSC

The Joint Senate Committee will:

- a) Recommend to the respective Senates the candidates for degrees. In November 2004, this responsibility was delegated to the Executive Committee of the Faculty of Graduate Studies.
- b) Hear and determine student appeals from JDC decisions on academic matters.
- c) Recommend to Senate (through appropriate committees at each University) changes in initial general regulations for the JMPs.
- d) Approve, upon request of a JDC, changes in the supplementary regulations governing the respective JMP.
- e) Upon recommendation from a JDC approve the imposition of higher standards than the minima set by the Faculty of Graduate Studies at the University of Manitoba in any JMP.
- f) Make a comprehensive review in accordance with the schedule of reviews of graduate programs, but not less frequently than the beginning of the fifth year following the reviews currently scheduled for 2005 and 2007 and make such recommendations for the revision of the Agreement as deemed appropriate.
- g) Attempt to resolve specific problems that may arise in any JMP during the life of the Agreement.
- h) Determine its own procedures regarding meetings, delegation of powers and duties, etc. At a minimum, the JSC will meet annually.
- i) Review and act or recommend on the financial matters of the Office of Faculty of Graduate Studies and of the JDC.
- j) Assume such further powers and duties as may be mutually agreed to by the two Universities.
- k) Review the policies governing the Joint Master's Programs and the Joint Discipline Committee regulations no less frequently than seven (7) years. The review will be self-implemented, meaning the JSC will undertake the review on its own, with assistance of the various JDC members. Aside from the seven (7) year policy review, periodic policy reviews of particular programs or regulations may be undertaken by the JSC. Any changes require Senate approval of both universities.