

Senate
Senate Chamber
Room E3-262 Engineering Building
WEDNESDAY, May 19, 2010
1:30 p.m.
Regrets call 474-6892

A G E N D A

I CANDIDATES FOR DEGREES, DIPLOMAS AND CERTIFICATES - MAY 2010

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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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RE: Implementation of Ph.D. in Native Studies</u> | Page 129 |
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RE: Implementation of Integrated DMD/PhD in Dentistry</u> | Page 130 |
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for Senate and Senate Executive Committee</u> | Page 131 |

VII REPORT OF THE PRESIDENT

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VIII QUESTION PERIOD

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

IX CONSIDERATION OF THE MINUTES OF THE MEETING OF APRIL 7, 2010

X BUSINESS ARISING FROM THE MINUTES

XI REPORTS OF THE SENATE EXECUTIVE COMMITTEE AND THE SENATE PLANNING AND PRIORITIES COMMITTEE

1. Report of the Senate Executive Committee Page 140

2. Report of the Senate
Planning and Priorities Committee

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

XII REPORTS OF OTHER COMMITTEES OF SENATE, FACULTY AND SCHOOL COUNCILS

1. Report of the Senate Committee on Appeals

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

2. Report of the Senate Committee on Rules and Procedures
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3. Reports of the Faculty Council of Graduate Studies

- a) Regulation Changes [dated March 9, 2010]
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- c) Faculty of Dentistry Requirement for Adult
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- d) Course and Curriculum Changes in the
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**5. Reports of the Senate Committee on
Instruction and Evaluation**

**a) Faculty of Engineering
 RE: Ineligible to Proceed Criteria**

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b) Faculty of Medicine RE: Failure of Clerkship

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XIII ADDITIONAL BUSINESS

XIV ADJOURNMENT

Please Call Regrets to 474-6892 or meg_brolley@umanitoba.ca.

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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 21, 2010.

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 D. Ruth (Engineering)	2011
Dr. Joanne Embree (member-at-large)	2012
Dean R. Sigurdson (Arts)	2010

6. Not eligible for election are: the Chancellor; the President; and the Board representatives on Senate, Ms. H. Milan and Mr. R. Mahé.
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.

Dean Sigurdson's term expires in 2010, a replacement is required for the term June 1, 2010, to May 31, 2013.

Dean Ruth is retiring from his position, a replacement is required for the term June 1, 2010, to May 31, 2011.

Election of Senate Representatives to the Senate Executive Committee

1. One Senator elected by faculty/school councils needs to be elected for a three-year term (June 1, 2010 to May 31, 2013) to replace Professor Judith Owens, whose term on the Executive Committee expires on May 31, 2010. One Senator elected by faculty/school council needs to be elected for a one-year term (June 1, 2010 to May 31, 2011) to replace Professor Archie McNicol whose term on Senate expires May 31, 2010.

(1) Eligible for election are:

- (a) 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. Jennifer Mactavish (Kinesiology & Recreation Management)	2012
Professor Mary Brabston (Management)	2012
Prof. Mark Gabbert (Arts)	2011
Prof. Tom Berry (Science)	2012

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, 2010 - May 31, 2013) to replace Dean J. Doering.

(1) Eligible for election are:

- (a) Vice-Presidents: D. Jayas, D. McCallum
- (b) Deans: M. Trevan, R. Sigurdson, N. Halden, T. Iacopino, J. Wiens, J. Doering, G. Sevenhuysen, G. Feltham, J. Watkinson, E. Dawe, D. Crooks, D. Collins, H. Frankel, L. Wallace
- (c) Director: P. Hess

(2) Presently serving:

Dean D. Sandham (Medicine)	2011
Dean M. Whitmore (Science)	2012

Procedures:

- (a) Nominations for the positions shall be received from the floor.
- (b) Senators shall vote for no more than two 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, 2010 – April 30, 2011
 2. President of GSA (or designate) term: May 1, 2010 – April 30, 2011
 3. Student Senator appointed
by caucus of Student Senators term: May 1, 2010 – April 30, 2011

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, 2010 – April 30, 2011

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 17, 24 and March 31, 2010, to consider curriculum and course changes from Faculties and Schools.

Observations:

1. **General**

In keeping with past practice, most changes for departments totaling 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. **Faculty of Architecture**

The faculty is proposing the modification of two courses: **EVLU 3006 Studio 3: Dwelling/Precinct/Everyday Life (9)**, and **EVDS 3250 Advanced Computing in Environmental Design (3)**.

3. **School of Art**

The School is proposing the deletion of two courses: **STDO 1200 Fundamentals of Drawing (9)** and **STDO 1220 Basic Design (9)**; and the introduction of seven courses: **STDO 1210 Drawing: Studio I (3)**, **STDO 1230 Drawing: Figure Study I (1.5)**, **STDO 1250 Drawing: Studio 2 (3)**, **STDO 1410 Visual Language (3)**, **STDO 1430 Art Now (1.5)**, **STDO 1450 Open Studio I (3)**, and **STDO 1470 Materials Studio (3)**.

4. **Faculty of Arts**

Department of Anthropology

The department is proposing the modification of one course: **ANTH 4850 Advanced Seminar in Anthropological Theory (3)**.

Canadian Studies Program

The program is proposing to add LING 1360 Languages of Canada to the list of approved courses in Canadian Studies.

Department of Classics

The department is proposing the deletion of four courses: **GRK 3890 Advanced Studies in Prose Literature of the Classical Period (6)**, **GRK 3910 Advanced Studies in Greek Poetry (6)**, **LATN 3900 Advanced Studies in Republican or Augustan Poetry (6)**, and **LATN 3920 Advanced Studies in Latin Prose Literature (6)**; and the introduction of four courses: **GRK 3930 Advanced Studies in Greek Prose Literature (3)**, **GRK 3940 Advanced Studies in Greek Poetry (3)**, **LATN 3932 Advanced Studies in Latin Prose Literature (3)**, and **LATN 3942 Advanced Studies in Latin Poetry (3)**.

Department of French, Spanish and Italian

A correction to the prerequisites listed for **SPAN 1190 Introductory Spanish 2 (3)** in the December 2009 report is included.

Department of German and Slavic Studies

The department is proposing the introduction of two courses: **HUNG 1000 Introduction to Hungarian 1 (3)** and **HUNG 1002 Introduction to Hungarian 2 (3)**.

Department of History

The department is proposing the introduction of one course: **HIST 2400 History of Human Rights and Social Justice in the Modern World (3)**.

Labour Studies Program

The department is proposing the introduction of two courses: **LABR 3210 Working People in Hard Times (3)** and **LABR 3220 Global Sweatshops, Global Struggles (3)**.

Department of Psychology

The department is proposing the modification of one course: **PSYC 2420 Social Psychology 2 (3)** to add a restriction to PSYC 2421 offered at the Collège universitaire de Saint-Boniface.

Department of Religion

The department is proposing the modification of eight courses: **RLGN 1320 Introduction to World Religions (6)**, **RLGN 2160 Introduction to the Hebrew Scriptures (3)**, **RLGN 2170 Introduction to the New Testament (3)**, **RLGN 2410 Religion in Canada (6)**, **RLGN 3130 Religion and Modern Thought (3)**, **RLGN 3780 Selected New Testament Literature and Themes (6)**, **RLGN 3790 Prophets of Ancient Israel (6)**, and **RLGN 3800 Selected Old Testament Literature and Themes (6)**.

Department of Sociology

The department is proposing the deletion of one course: **SOC 3780 Comparative Criminology and Criminal Justice** (3); the introduction of three courses: **SOC 2200 Sociology Through Film** (3), **SOC 3310 Theorizing Crime, Law, and Social Justice** (3), and **SOC 3880 Global Criminology and Criminal Justice** (3); and the modification of the General Major Sociology, General Major Criminology, Advanced Major Sociology, Honours Single Sociology and Honours Double Sociology.

Women and Gender's Studies Program

The program is proposing the modification of List A.

Arts Interdisciplinary

The faculty is proposing the modification of one course: **ARTS 1160 Leadership: An Interdisciplinary Approach** (3) to add a restriction to LEAD 2010 Learning to Lead.

History of Art Program

The program is proposing the modification of List A.

5. Faculty of Dentistry

The faculty is proposing the introduction of one course: **DDSS 3190 Temporomandibular Disorders and Orofacial Pain** (6) and a program modification to add this course to the third year curriculum.

6. Faculty of Engineering

Department of Biosystems Engineering

The department is proposing the introduction of an optional concentration of Biomedical Specialization.

Department of Electrical and Computer Engineering

The department is proposing the introduction of two courses: **ECE 4180 Introduction to Robotics** (4) and **ECE 3730 Principles of Embedded Systems Design** (4); and the introduction of seven areas of concentration: Biomedical, Engineering Physics, Power and Energy Systems, Wireless Communication Devices, Embedded Systems, Machine Vision, and Communication Networks.

7. Faculty of Human Ecology

Department of Family Social Sciences

The department is proposing a modification to the list of electives for the Family Violence and Conflict Resolution Option.

Department of Human Nutritional Sciences

The department is proposing the modification of two courses: **HNSC 1210 Nutrition for Health and Changing Lifestyles (3)**, and **HNSC 4364 Food Industry Option Practicum (6)**.

Department of Textile Sciences

The department is proposing the modification of one course: **TXSC 4610 Integrative Project (6)**, and a modification to the program requirements for the Textile Development Stream – Microbiological Sciences Option.

Interdisciplinary Health Program

The program is proposing the introduction of one course: **HEAL 4650 Selected Topics in Interdisciplinary Health (3)**.

8. Faculty of Kinesiology and Recreation Management

The faculty is proposing the deletion of six courses: **KIN 2910 Athletic Therapy Practicum (6)**, **KIN 3910 Athletic Therapy Practicum (6)**, **KIN 3300 Functional Assessment and Restoration (6)**, **KIN/PHED 3090 Principles of Fitness Training (3)**, **KIN/PHED 3720 Coaching Theory and Practice (3)**, and **KIN/PHED 3730 Advanced Coaching Theory and Practice (3)**; the introduction of eleven courses: **KIN 3912 Athletic Therapy Practicum (4)**, **KIN 3914 Clinical Block Placement (2)**, **KIN 3330 Functional Assessment and Restoration A (3)**, **KIN 3332 Functional Assessment and Restoration B (3)**, **KIN/PHED 2540 Psychology of Sport and Physical Activity (3)**, **KIN/PHED 4540 Advanced Topics in Sport Psychology (3)**, **KIN/PHED 3520 Coaching the High Performance Athlete A (3)**, **KIN/PHED 3530 Coaching the High Performance Athlete B (3)**, **KIN/PHED 3800 Principles of Fitness Training (3)**, **KIN/PHED 2780 Coaching Theory and Practice (3)**, and **KIN 2790/PHED Advanced Coaching Theory and Practice (3)**; and the modification of six courses: **KIN 4400 Therapeutic Exercise Rehabilitation (3)**, **REC 3850 Planning of Recreation Areas and Facilities (3)**, **KIN 3740 Resistance Training and Conditioning (3)**, **KIN 3450 Motor Learning (3)**, **PHED 3740 Resistance Training and Conditioning (3)**, and **PHED 3450 Motor Learning (3)**.

9. Asper School of Business - Faculty of Management

Department of Accounting and Finance

The department is proposing the modification of four courses: **ACC 1110 Introductory Managerial Accounting (3)**, **MIS 3500 Database Management Systems (3)**, **MIS 3510 Systems Analysis and Design (3)**, and **MIS 3520 Data Communications and Networking (3)**.

Department of Business Administration

The department is proposing the introduction of one course: **LEAD 2010 Learning to Lead (3)**.

Warren Centre for Actuarial Studies

The program is proposing the modification of five courses: **ACT 3130 Actuarial Models 1 (3)**, **ACT 3230 Actuarial Models 2 (3)**, **ACT 4140 Actuarial Modeling Methods 1 (3)**, **ACT 4150 Pension mathematics (3)**, and **ACT 4340 Actuarial Modeling Methods 3 (3)**.

10. Faculty of Medicine

School of Medical Rehabilitation

The School is proposing the deletion of two courses: **REHB 1490 Musculoskeletal Anatomy 1 (2)**, and **REHB 1500 Musculoskeletal Anatomy 2 (3)**; the introduction of one course **REHB 1520 Musculoskeletal Anatomy (5)**; and a program modification to reflect these course changes.

11. Faculty of Science

Actuarial Mathematics Program

The program is proposing changes for the Honours degree to align it with the program in the Faculty of Management.

Biochemistry Program

The program is proposing changes to the academic requirements of the honours and major degrees.

Department of Biological Sciences

The program is proposing changes to the academic requirements of the honours and major degrees.

Biotechnology Program

The program is proposing changes to the academic requirements of the honours and major degrees.

Department of Chemistry

The program is proposing changes to the academic requirements of the honours and major degrees.

Interdisciplinary course in Forensic Science

The faculty is proposing the modification of one course: **FORS 2000 Introductory Forensic Science (3)**.

Genetics Program

The program is proposing a change to the academic requirements of the honours degree.

Department of Microbiology

The program is proposing changes to the academic requirements of the honours and major degrees.

Department of Physics and Astronomy

The department is proposing the modification of one course: **PHYS 3220 Medical Physics and Physiological Measurement** (3); and a change to the academic requirements of the honours and major degrees.

Department of Statistics

The program is proposing changes to the academic requirements of the honours and major degrees and changes to the joint Statistics-Actuarial Mathematics Joint Honours program.

12. University 1

The following course will be added to the University 1 list: **FMLY 1012 Introduction to Social Development** (3).

13. Collège universitaire de Saint-Boniface

Religion

The department is proposing the deletion of eight courses: **RLGN 3391 L'église d'aujourd'hui** (6), **RLGN 2211 Psychologie de la religion** (6), **RLGN 1281 Fondements de la religion chrétienne** (6), **RLGN 1321 Introduction aux religions du monde** (6), **RLGN 2411 Les religions au Canada** (6), **RLGN 2231 Étude de l'Ancien testament** (6), **RLGN 2711 Étude du Nouveau testament** (6), and **RLGN 3251 La religion et la pensée moderne** (6); and the introduction of ten courses : **RLGN 1283 Le Christianisme ancien et médiéval** (3), **RLGN 1285 Le Christianisme depuis la renaissance** (3), **RLGN 1323 Introduction aux religions du monde I** (3), **RLGN 1325 Introduction aux religions du monde II** (3), **RLGN 2413 Les religions établies au Canada** (3), **RLGN 2415 Les nouvelles religions du Canada** (3), **RLGN 2161 Introduction à l'Ancien testament** (3), **RLGN 2171 Introduction au Nouveau testament** (3), **RLGN 3131 La religion et la pensée moderne** (3), and **RLGN 3261 Les femmes et les religions** (3).

Science

The department is proposing the deletion of two courses : **MBIO 2101 Microbiologie générale A** (3), and **MBIO 2111 Microbiologie générale B** (3); the introduction of four courses : **MBIO 1011 Microbiologie I** (3), **MBIO 2021 Microbiologie II** (3), **MBIO 3031 Microbiologie** (3), and **CHEM 3571 Chimie biophysique** (3); and the modification of six courses : **MBIO 3011 Mécanismes des maladies microbiennes** (3), **MBIO 3411 Biologie moléculaire** (3), **MBIO 3451 Régulation des processus biochimiques** (3), **MBIO 3461 Biochimie membranaire cellulaire** (3), **MBIO 4541**

Transduction de l'énergie biologique (3), and MBIO 4601 Génétique moléculaire des procaryotes (3).

Psychology

The department is proposing the introduction of two courses : **PSYC 3511 Psychologie industrielle et organisationnelle (3), and PSYC 2421 Psychologie sociale (3).**

Spanish

Course corrections to course introductions from the December 2009 report to include in the prerequisites courses offered at the Fort Garry campus: **SPAN 1191 Introduction à l'espagnol II (3), SPAN 2591 Femmes et culture en Espagne et en Amérique latine (3), and SPAN 2671 Espagnol sujet spécial I (3).** In addition, modifications are required to SPAN 1181 and SPAN 1261 to reflect the introduction of SPAN 1191.

Sociology & Criminology

Corrections were made to the prerequisites of two courses to include reference to Fort Garry courses: **SOC 3331 Origines de la pensée sociologique (3) and SOC 3391 Théories sociologiques contemporaines (3).**

Philosophy

The modification of one course: **PHIL 1321 Introduction a la logique (6).**

14. **Undergraduate Timetable 2010-2011**

The timetable outlines deadlines for the submission of undergraduate program, curriculum and course changes for the 2010-2011 academic year.

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 Architecture

School of Art

Faculty of Arts

Faculty of Dentistry

Faculty of Engineering

Faculty of Human Ecology

Faculty of Kinesiology and Recreation Management

Asper School of Business, Faculty of Management

Faculty of Medicine, School of Medical Rehabilitation

Faculty of Science

University 1

Collège universitaire de Saint-Boniface

Respectfully submitted,

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

/mb

Faculty of Architecture

Modifications:

EVLU 3006 Studio 3: Dwelling/Precinct/Everyday Life Cr.Hrs. 9

A studio/lecture course that examines the notion of dwelling through spatial design with a concentration at the scale of the precinct in the private to semi-private realm focusing on the needs of the individual, on spatial qualities, materials, and site design detail. Theoretical, analytical, conceptual, design, planning and communication skills in landscape + urbanism will be developed and applied in distinct projects. Emphasis is on habitat by design, issues of contested space, ecological design, and sustainability. Prerequisite: EVDS 2900. May include a mandatory field studies trip; location and cost to be determined on a yearly basis.

EVDS 3250 Advanced Computing in Environmental Design Cr.Hrs 3

Advanced Computing in Environmental Design builds upon skills obtained in the introductory course. The advanced course provides an opportunity for students to explore detailed applications of computational technologies in design & planning. Prerequisite: EVDS 2800 (or the former EVDS 2650 or 079.265).

NET CHANGE IN CREDIT HOURS: 0

School of Art

Deletions:

STDO 1200 Fundamentals of Drawing Cr.Hrs. 9	-9
STDO 1220 Basic Design Cr.Hrs. 9	-9

Introductions:

STDO 1210 Drawing: Studio I Cr.Hrs. 3	+3
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Students are introduced to key concepts and competencies used in contemporary drawing practice. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120).

STDO 1230 Drawing: Figure Study I Cr.Hrs. 1.5	+1.5
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Traditional and experimental approaches to rendering the figure, culminating in the production of a portfolio of drawings. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120).

STDO 1250 Drawing: Studio 2 Cr.Hrs. 3 +3
Building on competencies developed in STDO 1210 Drawing: Studio 1, students integrate individual research with methods and materials of contemporary drawing. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120). Prerequisite: STDO 1210.

STDO 1410 Visual Language Cr.Hrs. 3 +3
An introduction to communication in contemporary visual art through traditional and experimental 2D and 3D modes. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120) or STDO 1220 (054.122).

STDO 1430 Art Now Cr.Hrs. 1.5 +1.5
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 and Diploma in Art students must take. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120) or STDO 1220 (054.122).

STDO 1450 Open Studio I Cr.Hrs. 3 +3
Expanding concepts and ideas developed in Visual Language, students investigate the nature of contemporary art and design. Prerequisite for further study in fine arts studio courses. May not be held with STDO 1200 (054.120) or STDO 1220 (054.122). Prerequisites: STDO 1410 and STDO 1430.

STDO 1470 Materials Studio Cr.Hrs. 3 +3
Students choose among individual studio area modules to learn material technologies used in art, facilitating students' ability to work in School of Art workshops. Prerequisite for further study in fine arts studio courses. May not be held for credit with STDO 1220 (054.122). Prerequisite: STDO 1430.

NET CHANGE IN CREDIT HOURS: 0

Program modification to the Bachelor of Fine Arts – Art History, Bachelor of Fine Arts Studio, and the Diploma in Art to reflect the course changes.

SCHOOL OF ART

2010-2011 Academic year

Revisions to:

- Second Year Bachelor of Fine Arts – Art History Programs,
- Bachelor of Fine Arts Studio Programs,
- and Diploma in Studio Arts

Key: New Material
~~Deleted Material~~

5.1 Bachelor of Fine Arts – Art History Programs (B.F.A., B.F.A. Honours)

FIRST YEAR: (30 Credit Hours)

FAAH 1030, FAAH 1040

One of: HIST 1200, PHIL 1200, PHIL 1510, ASIA 1420, ASIA 1430

English Literature Requirement

Mathematics Requirement

Language Elective

SECOND YEAR (31 Credit Hours)

Five of the courses listed below:

CLAS 2670, CLAS 2680, FAAH 1100, FAAH 2060,

FAAH 2070, FAAH 2080, FAAH 2090,

FAAH 2110,

RLGN 2570, TXSC 2420

Required Studio Courses: ~~STDO 1200 or~~

STDO 1220, STDO 1410, STDO 1210,

STDO 1230 and STDO 1230 or STDO

1250, FA 1270, FA 1990

6 credit hours of academic or Studio

Electives

5.2 Bachelor of Fine Arts Studio Programs (B.F.A., B.F.A. Honours)

FIRST YEAR: (37 Credit Hours)

ENGL 1200 or ENGL 1300 or ENGL 1310

FAAH 1030, FAAH 1040

STDO 1200, STDO 1220, STDO 1210, STDO

1230, STDO 1410, STDO 1430, STDO 1250,

STDO 1450, STDO 1470, FA 1270, FA 1990

6 Credit hours of elective subject(s) from faculties other than the School of Art

5.3 Diploma in Art Program

FIRST YEAR: All Diploma

Concentrations (25 Credit Hours)

FAAH 1030, FAAH 1040, ~~STDO 1200,~~

STDO 1220, STDO 1210, STDO 1230, STDO

1410, STDO 1430, STDO 1250, STDO 1450,

STDO 1470, FA 1270, FA 1990

Faculty of Arts

Department of Anthropology

Modification:

ANTH 4850 Advanced Seminar in Anthropological Theory Cr. Hrs. 3
(formerly 076.485) An analysis of the process of theory formation in the social sciences in general and in cultural (social) anthropology in particular. The theoretical content of various contemporary "schools" in anthropology is critically analyzed. Prerequisite: [a grade of "C" or better in ANTH 3470 (076.347) or ANTH 3471 (076.347)] and written consent of instructor or department head.

NET CHANGE IN CREDIT HOURS: 0

Canadian Studies Program

Modification to list of approved courses in Canadian studies.

- Revision to the List of Approved Courses in Canadian Studies

Added material

Deleted material

List of Approved Courses in Canadian Studies

In the following list of approved courses the designation (H) indicates an Honours course. Courses designated (CUSB) are offered in French at Collège universitaire de Saint-Boniface.

* In the list below indicates courses no longer offered.

Faculty of Arts

Canadian Studies

CDN 1130	Introduction to Canadian Studies	6
CDN 3730	Canadian Identity: An Interdisciplinary Approach	3
CDN 4410	Seminar in Canadian Studies (H)	6
Anthropology		
ANTH 2040	Native North America: A Sociocultural Survey (B)	3
ANTH 2041	Les Amérindiens de l'Amérique du nord: une étude socioculturelle (B) (CUSB)	3
ANTH 2640	Manitoba Prehistory	3
ANTH 3460*	Native North American Ethnology (B)	3
ANTH 3461	Ethnologie des Amérindiens de l'Amérique du Nord (B) (CUSB)	3
ANTH 3500	Peoples of the Arctic (B)	3
ANTH 3501	Peuples de l'Arctique (B) (CUSB)	3
ANTH 3550	Canadian Subcultures	3
ANTH 3551	Sous-cultures canadiennes (CUSB)	3
ANTH 3910	Archaeological Field Training (D,E)	6
Economics		
ECON 1210	Introduction to Canadian Economic Issues and Policies	3
ECON 1211	Introduction aux politiques et aux problèmes économiques canadiens (CUSB)	3
ECON 2280	Social Welfare and Human Resources	6
ECON 2310	Canadian Economic Problems	6
ECON 2311	Les problèmes économiques du Canada (CUSB)	6
ECON 2350	Community Economic Development	3
ECON 2360	Women in the Canadian Economy	6
ECON 3300	Canadian Economic History	6
ECON 3301	Histoire économique du Canada (CUSB)	6
ECON 3510	Industrial Relations (Cross-listed with Labour Studies	6

LABR 3510)

ECON 3690	Economic Issues of Health Policy	3
ECON 3720	Urban and Regional Economics and Policies	3
018.352*	Introductory Regional Economics	3
018.353*	Intermediate Regional Economics	3
018.357*	Health Economics	3
018.360*	Workshop in the Economy of Canada	6
English, Film, and Theatre		
ENGL 2270	Canadian Literature	6
ENGL 3270	Studies in Canadian Literature	3
ENGL 3271	Studies in Canadian Literature	3
004.275*	Canadian Literature (H)	6
004.288*	Canadian Literature to 1967	3
004.289*	Canadian Literature after 1967	3
004.377*	Canadian Poetry	6
004.378*	The Canadian Novel	6
004.388*	Studies in Canadian Literature	6
FILM 2430	The Canadian Film	3
Français (CUSB)		
FRAN 2831	L'individu et le pays (CUSB)	3
FRAN 2881	Civilisation canadienne-française (CUSB)	3
FRAN 3531	Le théâtre québécois (CUSB)	3
FRAN 3541	Le théâtre de l'Ouest (CUSB)	3
FRAN 3831	L'époque de la contestation (CUSB)	3
FRAN 3841	La révolution tranquille et le roman (CUSB)	3
FRAN 3851	Le théâtre de l'Ouest: poésie, nouvelles (CUSB)	3
FRAN 3861	Le théâtre de l'Ouest: romans (CUSB)	3
FRAN 4831	Littérature de l'Acadie et des Cajuns (CUSB)	3
French, Spanish and Italian		
FREN 2700	Poésie et théâtre canadiens-français (B)	3
FREN 3140	Roman canadien-français (B)	3
FREN 3850	Civilisation canadienne-française (C)	3
044.247*	French-Canadian Literature in Translation	6
044.348*	Littérature canadienne-française (H)	3

044.353*	Littérature canadienne-française (B)	3	(H)		
History			HIST 4950*	History of Quebec (C) (H)	6
HIST 1390	History of Colonial Canada: 1500-1885 (C)	3	011.133*	History of Canada from 1534 (C)	6
HIST 1400	History of the Canadian Nation Since 1867 (C)	3	011.133F*	Histoire du Canada (CUSB)	6
HIST 1440	History of Canada (C)	6	011.254*	North American Indian (A,C,S)	6
HIST 1441	Histoire du Canada (CUSB)	6	011.324*	Protestantism and the Development of the Canadian Community, 1749-1970 (C,S)	6
HIST 2191	Histoire économique et sociale canadienne du XIXe siècle (CUSB)	6	011.438*	Intellectual History of Canada (C) (H)	3
HIST 2280	Aboriginal History of Canada (C)	6	011.449*	The New Canada, 1867-96 (S) (H)	6
HIST 2282	Inventing Canada (C)	3	Icelandic		
HIST 2284	Democracy and Dissent: Contesting Canada (C)	3	ICEL 2230	Contemporary Icelandic-Canadian Literature	3
HIST 2286	Modern Canada (C)	3	ICEL 2300*	Icelandic-Canadian Literature (H)	6
HIST 2950*	Early Canada: from the Earliest Settlement to 1867 (C)	6	ICEL 3460*	Laura Goodman Salverson	3
HIST 2951*	Les origines du Canada: depuis la première colonie jusqu'en 1867 (CUSB)	6	ICEL 4440	The Icelanders in Canada (H)	3
HIST 2960*	The New Dominion: 1867 to 1921 (C)	6	012.445*	Stephan G. Stephansson (H)	3
HIST 2961*	Le nouveau Dominion: de 1867 à 1921 (CUSB)	6	Labour Studies		
HIST 2970*	Modern Canada: 1921 to the Present (C)	6	LABR 3510	Industrial Relations (Cross-listed with Economics ECON 3510)	6
HIST 2971	Le Canada moderne: de 1921 à nos jours (CUSB)	6	Linguistics		
HIST 3050	Canada since 1945 (C)	6	LING 1360	Languages of Canada	3
HIST 3052	Canada since the 1960s (C)	3	Native Studies		
HIST 3054	Canada and the United States (C)	3	NATV 1200	The Native Peoples of Canada	6
HIST 3220*	The History of Canadian-American Relations (A,C)	6	NATV 1220	The Native Peoples of Canada, Part 1	3
HIST 3250	Canada and the World, 1867 to the Present (C)	6	NATV 1240	The Native Peoples of Canada, Part 2	3
HIST 3690	History of Northern Canada (C)	6	NATV 1250	Introductory Cree 1	3
HIST 3721	Histoire du Manitoba (C) (CUSB)	6	NATV 1260	Introductory Cree 2	3
HIST 3730	A History of Western Canada (C)	6	NATV 1270	Introductory Ojibway 1	3
HIST 3780	Studies in Canadian History 1 (C)	3	NATV 1280	Introductory Ojibway 2	3
HIST 3781	Études choisies en histoire du Canada 1 (CUSB)	3	NATV 1290	Introductory Inuktitut	3
HIST 3790	Studies in Canadian History 2 (C)	3	NATV 2020	The Métis of Canada	3
HIST 3791	Études choisies en histoire du Canada 2 (CUSB)	3	NATV 2040	Native Peoples of the Northern Plains	3
HIST 3910	The Ukrainians in Canada (C)	3	NATV 2060	The Native Peoples of the Eastern Woodlands	3
HIST 4060	Gender History in Canada (C) (H)	6	NATV 2070	The Native Peoples of the Subarctic	3
HIST 4280	Topics in the Cultural History of Canada (C) (H)	6	NATV 2080	Inuit Society and Culture	3
HIST 4340	Introduction to Archival Science (G) (H)	6	NATV 2220	Native Societies and the Political Process	3
HIST 4390*	The History of White Attitudes and Policies towards Native Peoples in North America (C) (H)	6	NATV 2250	Intermediate Cree	6
HIST 4680	Social History of Health and Disease in Modern Canada (C) (H)	6	NATV 2270	Intermediate Ojibway	6
HIST 4700	Canada, 1896 to the Present (C) (H)	6	NATV 2300	Cree Literature	3
HIST 4720	History of Manitoba (C) (H)	6	NATV 2320	Structure of the Cree Language	3
HIST 4890	Canadian Social History (C) (H)	6	NATV 2410	Canadian Native Literature	3
HIST 4900*	The Hudson's Bay Company and British North America (C) 6		NATV 2420	Inuit Literature in Translation	3
			NATV 2450	Images of Indians in North American Society	3
			NATV 3000	Selected Topics	3

NATV 3240	Native Medicine and Health	3	POLS 3960	Canadian Politics	6
NATV 3270	The Métis Nation	3	POLS 4140	Canadian Political Ideas (H)	3
NATV 3280	Aboriginal Peoples and the Canadian Justice System	3	POLS 4150	Indigenous Governance (H)	3
NATV 3300	Native Language Planning and Development	3	POLS 4180	Provincial Politics in Canada (H)	3
NATV 3310	Canadian Law and Aboriginal Peoples	3	POLS 4190	Manitoba Politics and Government (H)	3
NATV 3320*	Aboriginal Organizations	3	POLS 4660	The State in the Economy (H)	6
NATV 3340*	Circumpolar Cultures and Lifestyles	3	POLS 4860	The Canadian Policy Process (H)	6
NATV 3370	Political Development in the North	3	019.156*	Introduction to Canadian Government	6
NATV 3380	Cultural Constructions of Gender in Canadian Aboriginal Societies	3	019.156F*	Introduction au système gouvernemental Canadienne (CUSB)	6
NATV 4200	First Nations Government	3	019.206*	Urban and Local Politics	6
NATV 4210	Seminar in Contemporary and Historical Métis Issues	3	019.256*	Issues of Canadian Politics	6
NATV 4220	Environment, Economy and Aboriginal People	3	019.266*	Human Rights and Civil Liberties	6
NATV 4230	Traditional Knowledge and Native Studies Research	3	019.286*	Canadian Political Parties	6
NATV 4240	Arctic Lifestyles	3	019.356*	Canadian Foreign Policy	6
NATV 4250	Topics on Aboriginal Identities	3	019.366*	Quebec and the Canadian Political System (H)	3
NATV 4260*	Sacred Lands and Sacred Spaces of Indigenous Peoples	3	019.368*	Canadian Defense Policy	3
NATV 4280	Missionaries, Colonialism and Aboriginal Peoples	3	019.476*	Manitoba Politics and Voting Behaviour	6
032.090*	Introductory Cree	6	019.487*	Government and Public Sector Unionism (H)	6
032.091*	Introductory Ojibway	6	Religion		
032.121*	Intermediate Ojibway	6	RLGN 2410	Religion in Canada (C)	6
032.130*	Intermediate Cree	6	RLGN 2411	Les religions au Canada (CUSB)	6
032.205*	Coastal Indians of Canada	3	RLGN 2590	Religion and Social Issues (C)	3
032.220*	Native Societies and the Political Process	3	RLGN 2591	La religion et les problèmes sociaux (CUSB)	3
032.321*	The Native Identity	6	020.272*	Dimensions of Religiosity in Contemporary Canadian Literature	6
032.323*	Native Peoples and the Law 2	3	Slavic Studies		
032.325*	Native Peoples and the Law 1	6	UKRN 2420	Ukrainian Canadian Literature	3
032.373*	Art of the North American Native Peoples	3	UKRN 2430	Ukrainian Canadian Folklore	3
Political Studies			Sociology		
POLS 1070	Law, Politics and Power in Canada	3	SOC 2320	Canadian Society and Culture	3
POLS 2070	Introduction to Canadian Government	6	SOC 2321	La société Canadienne et sa culture (CUSB)	3
POLS 2071	Introduction au système gouvernemental Canadien (CUSB)	6	SOC 2370	Ethnic Relations	3
POLS 2561	Questions d'actualité en politique Canadienne (CUSB)	6	SOC 2371	Rapports ethniques (CUSB)	3
POLS 2570*	Introduction to Public Administration	6	SOC 2531	Sociologie du Manitoba (CUSB)	6
POLS 2571	Initiation à l'administration publique (CUSB)	6	SOC 2610	Sociology of Criminal Justice and Corrections	3
POLS 3100	Gender and Politics in Canada	3	SOC 2620	The Sociology of Aging	3
POLS 3170	The Canadian Charter of Rights and Freedoms	3	SOC 3380	Power, Politics and the Welfare State	3
POLS 3470	Canadian Public Management	3	SOC 3470*	Political Sociology	3
POLS 3520	Canadian Foreign and Defence Policy	6	SOC 3471	Sociologie politique (CUSB)	3
POLS 3561	Politique étrangère Canadienne (CUSB)	6	SOC 3700	Sociology of Law	3
POLS 3670	Canadian Political Parties	3	Ukrainian Canadian Heritage Studies		
POLS 3860	Canadian Federalism	3	UCHS 3100	The Ukrainian Arts in Canada	3

School of Art		
FAAH 3260	Canadian Art and Architecture to World War II	3
FAAH 3270	Canadian Art Since World War II	3
FAAH 3430	Inuit Art	3
054.358*	Inuit Culture and Art	3
054.375*	Canadian Art 1	3
054.376*	Canadian Art 2	3
Clayton H. Riddell Faculty of Environment, Earth, and Resources		
Geography		
GEOG 2450	The Making of the Prairie Landscape (A)	6
GEOG 2570	Geography of Canada (A)	3
GEOG 3431	Géographie du Canada (CUSB)	3
GEOG 3480	Canadian Problems	3
GEOG 3481	Particularités de la géographie du Canada (CUSB)	3
GEOG 3700	Canada: The Making of the Human Landscape (A)	6
GEOG 3701	Canada: évolution de l'écosystème (CUSB)	6
053.369*	Historical Geography of Indian Peoples in the Canadian Fur Trade	6
053.378*	Historical Geography of Canadian Indians (A)	6
053.470*	Historical Geography of the Ojibway Indians (H)	3

For course descriptions, see departmental listings.

Department of Classics

Deletions:

GRK 3890 Advanced Studies in Prose Literature of the Classical Period	Cr.Hrs. 6	-6
GRK 3910 Advanced Studies in Greek Poetry	Cr. Hrs. 6	-6
LATN 3900 Advanced Studies in Republican or Augustan Poetry	Cr. Hrs. 6	-6
LATN 3920 Advanced Studies in Latin Prose Literature	Cr.Hrs. 6	-6

Introductions:

GRK 3930 Advanced Studies in Greek Prose Literature Cr. Hrs. 3 +3
Reading in a particular genre such as philosophy, history, or rhetoric with substantial reading in secondary critical or interpretive literature. As the course content will vary from year to year, students may take this course more than once for credit. Prerequisite: written consent of department head.

GRK 3940 Advanced Studies in Greek Poetry Cr.Hrs. 3 +3
Reading in a particular genre such as epic, tragedy, comedy, lyric or epigram with substantial reading in secondary critical or interpretive literature. As the course content will vary from year to year, students may take this course more than once for credit. Prerequisite: written consent of department head.

LATN 3932 Advanced Studies in Latin Prose Literature Cr.Hrs. 3 +3
Reading in a particular genre such as philosophy, history, or rhetoric with substantial reading in secondary critical or interpretive literature. As the course content will vary from year to year, students may take this course more than once for credit. Prerequisite: written consent of department head.

LATN 3942 Advanced Studies in Latin Poetry Cr.Hrs. 3 +3
Reading in a particular genre such as epic, lyric, comedy, or elegy with substantial reading in secondary critical or interpretive literature. As the course content will vary from year to year, students may take this course more than once for credit. Prerequisite: written consent of department head.

NET CHANGE IN CREDIT HOURS: -12

Department of French, Spanish and Italian

Correction to December 2009 Report:

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

Department of German and Slavic Studies

Introductions:

HUNG 1000 Introduction to Hungarian 1 Cr.Hrs. 3 +3
(lab required) The course is intended for students with little or no previous knowledge of Hungarian. Students are introduced to basic grammar and vocabulary, as well as aspects of Hungarian culture. Emphasis is placed on communication skills. Satisfactory completion of this course enables students to proceed to HUNG 1002 Introduction to Hungarian 2.

HUNG 1002 Introduction to Hungarian 2 Cr.Hrs. 3 +3
(lab required) The course is intended for students with some elementary knowledge of Hungarian. Students will expand their understanding of basic grammar and vocabulary, as well as aspects of Hungarian culture. Emphasis is placed on communication skills. Prerequisite: [a grade of "C" or better in HUNG 1000] or written consent of department head.

NET CHANGE IN CREDIT HOURS: +6

Department of History

Introduction:

HIST 2400 History of Human Rights and Social Justice in the Modern World Cr.Hrs. 3 +3
Introductory course examining the emergence of the modern human rights era and social justice movements globally. Possible topics of study: human rights as global norm; non-Western conceptions of rights; workplace rights; indigenous rights; women's and gender rights.

NET CHANGE IN CREDIT HOURS: +3

Labour Studies Program

Introductions:

LABR 3210 Working People in Hard Times Cr.Hrs. 3 +3
What have recent changes in work and society meant for people who work for wages or who live with those who do? How did these changes happen? What do they mean for youth today? How do the growing demands of our jobs affect our lives with family and friends? How have employers' actions affected unions, and how have unions responded? This course will explore these questions and others that arise from them. Prerequisite: [a grade of "C" or better in three credit hours of 1000 level Labour Studies] or written consent of the Labour Studies coordinator.

LABR 3220 Global Sweatshops, Global Struggles Cr.Hrs. 3 +3
This course explores the past and present of sweated work in various industries in the Global North and South. We explore circumstances that support sweatshops, including off-shoring and the new international division of labour; migrant, child and female labour forces; global supply chains and the role of retailers and contractors. We also compare and evaluate strategies to eliminate sweatshops, including NGO activities, government regulations, consumer boycotts and the international labour, student and social justice movements. Prerequisite: [a grade of "C" or better in three credit hours of 1000 level Labour Studies] or written consent of the Labour Studies coordinator.

NET CHANGE IN CREDIT HOURS: +6

Department of Psychology

Modification:

PSYC 2420 Social Psychology 2 Cr.Hrs. 3
(formerly 017.242) This course provides an introduction to basic social psychology topics not covered in PSYC 2410 (017.241) or PSYC 2411 (017.241), such as social norms and roles, group dynamics, prejudice, aggression, altruism, attraction and close relationships, and intergroup conflict. Students may not hold credit for both PSYC 2420 (017.242) and PSYC 2421. Prerequisite: [a grade of "C" or better in PSYC 1200 (017.120) or the former PSYC 1201 (017.120)] or [a grade of "C" or better in both PSYC 1211 (017.121) and PSYC 1221 (017.122)] or written consent of department head.

NET CHANGE IN CREDIT HOURS: 0

Department of Religion

Modifications:

RLGN 1320 Introduction to World Religions Cr. Hrs 6
(formerly 020.132) An historical survey of the major living religions in terms of their development, ideas and practices as reflected in their literature. Students may not hold credit for RLGN 1320 (020.132) and any of: RLGN 1323 or RLGN 1325 or the former RLGN 1321 (020.132).

RLGN 2160 Introduction to the Hebrew Scriptures Cr.Hrs. 3
(formerly 020.216) An introduction to the historical and critical study of the writings of the "Old Testament," the Hebrew Scriptures. Students may not hold credit for both RLGN 2160 and RLGN 2161.

RLGN 2170 Introduction to the New Testament Cr.Hrs. 3
(formerly 020.217) An introduction to the historical and critical study of the Christian "New Testament." Students may not hold credit for both RLGN 2170 and RLGN 2171.

RLGN 2410 Religion in Canada Cr.Hrs. 6
(formerly 020.241) The goal of the course is to provide an outline history of the religious institutions and groups in Canada and to explore how they have responded to the peculiar character of Canadian life. Students may not hold credit for RLGN 2410 (020.241) and any of: RLGN 2413 or RLGN 2415 or the former RLGN 2411 (020.241).

RLGN 3130 Religion and Modern Thought Cr.Hrs. 3
(formerly 020.313) The idea that religion is a distinct and unique aspect of human activity is a defining feature of modern thought. This course explores aspects of this understanding of religion in various modern intellectual movements from the sixteenth century to the nineteenth century, considering these movements in their particular historical contexts. Topics covered may include: skepticism, northern humanism, religion and European expansion, atheism, religion and the nation state, religion and early modern science, enlightenment, religion and bourgeoisie, imperialism, religion and revolution, religion and evolution. Students may not hold credit for RLGN 3130 (020.313) and any of: RLGN 3131 or RLGN 3251 (020.325).

RLGN 3780 Selected New Testament Literature and Themes Cr.Hrs. 6
(formerly 020.378) An intensive study of selected documents and/or themes from the New Testament. Prerequisite: [a grade of "C" or better in RLGN 2160 (020.216) or RLGN 2161] and [a grade of "C" or better in RLGN 2170 (020.217) or RLGN 2171] or written consent of instructor or department head.

RLGN 3790 Prophets of Ancient Israel Cr.Hrs. 6
(formerly 020.379) The nature and role of prophets in ancient Israelite religion, study of selected examples of Old Testament prophetic literature. Prerequisite: [a grade of "C" or better in RLGN 2160 (020.216) or RLGN 2161] and [a grade of "C" or better in RLGN 2170 (020.217) or RLGN 2171] or written consent of instructor or department head.

RLGN 3800 Selected Old Testament Literature and Themes Cr.Hrs. 6
(formerly 020.380) An intensive study of selected writings or themes of the Old Testament (the Tanach). Prerequisite: [a grade of "C" or better in RLGN 2160 (020.216) or RLGN 2161] and [a grade of "C" or better in RLGN 2170 (020.217) or RLGN 2171] or written consent of instructor or department head.

NET CHANGE IN CREDIT HOURS: 0

Department of Sociology

Deletion:

SOC 3780 Comparative Criminology and Criminal Justice Cr.Hrs. 3 -3

Introductions:

SOC 2200 Sociology Through Film Cr.Hrs. 3 +3

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

Prerequisite: [a grade of "C" or better in SOC 1200 (077.120) or the former SOC 1201 (077.120)] or [a grade of "C" or better in both SOC 1211 (077.121) and SOC 1221 (077.122)].

SOC 3310 Theorizing Crime, Law, and Social Justice Cr.Hrs. 3 +3

Through investigation of a variety of theoretical approaches, this course fosters an appreciation of the relevance of theorizing for addressing contemporary issues related to crime, law, and social justice. Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head.

SOC 3880 Global Criminology and Criminal Justice Cr.Hrs. 3 +3

This course examines current developments and issues in the field of global criminology and criminal justice. Topics include: crime and globalization; transnational policing and security; world criminal justice systems; global criminal justice policy transfer; and international criminal justice. Students may not hold credit for both SOC 3880 and the former SOC 3780 (077.378).

Prerequisite: [a grade of "C" or better in SOC 2510 (077.251) or SOC 2511 (077.251)] or written consent of department head. SOC 2610 (077.261) is strongly recommended.

NET CHANGE IN CREDIT HOURS: +6

Program Modifications: General Major Sociology, General Major Criminology, Advanced Major Sociology, Honours Single Sociology and Honours Double Sociology

- Revisions to the General Major Sociology, General Major Criminology, Advanced Major Sociology, Honours Single Sociology and Honours Double Sociology Programs

Added material

Deleted material

8.26.3 Sociology, Department Code: 077

UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
GENERAL MAJOR SOCIOLOGY TOTAL: 30 CREDIT HOURS			
SOC 1200 or SOC 1211 and SOC 1221 • SOC 2220			
• SOC 2290			
• one of SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390			
• 12 credit hours in Sociology courses numbered at the 2000 or 3000 level			
GENERAL MAJOR CRIMINOLOGY TOTAL: 30 CREDIT HOURS			
SOC 1200 or SOC 1211 and SOC 1221 • SOC 2290, SOC 2510, SOC 2610			
12 credit hours from SOC 3100, SOC 3310, SOC 3700, SOC 3710, SOC 3720, SOC 3740, SOC 3750, SOC 3780, SOC 3790, SOC 3830, SOC 3850, SOC 3860, SOC 3880			
ADVANCED MAJOR SOCIOLOGY (NOT CURRENTLY OFFERED) TOTAL: 48 CREDIT HOURS			
SOC 1200 or SOC 1211 and SOC 1221 • SOC 2220, SOC 2290, SOC 2330			
• one of SOC 2390, SOC 3370, SOC 3810, SOC 3870			
• one of SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390			
• 6 credit hours in Sociology courses numbered at the 2000 or 3000 level			
18 credit hours in Sociology courses numbered at the 2000 or 3000 level			
HONOURS SINGLE ¹			
SOC 1200 or SOC 1211 and SOC 1221 • SOC 2010, SOC 2220 and SOC 2290			
• 6 credit hours in Sociology			
• 12 credit hours in ancillary options			
• 9 credit hours from SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390			
• 9 credit hours in Sociology courses numbered at the 2000 or 3000 level			
• 12 credit hours in ancillary options			
• SOC 4450, SOC 4460, SOC 4560, SOC 4570 and SOC 4580			
• 6 credit hours in ancillary options			
HONOURS DOUBLE ¹			
SOC 1200 or SOC 1211 and SOC 1221 • SOC 2010, SOC 2220 and SOC 2290			
• At least 36 credit hours in other Honours field			
• At least 6 credit hours in ancillary options			
9 credit hours from SOC 3310, SOC 3330, SOC 3350, SOC 3360, SOC 3380, SOC 3390			
SOC 4450, SOC 4460, SOC 4560, SOC 4570 and SOC 4580			

NOTE:

¹ Ancillary options are courses taken from outside the Honours field of study.

Women's and Gender Studies

Program modification: modification of List A.

- Revisions to 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 3350 Anthropology of Sex and Sexualities (B) 3

Economics

ECON 2360 Women in the Canadian Economy 6

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 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 I 3

Acceptable for credit only when the topic is "Gender and Sexuality in 20th Century America."

HIST 3810 The Family, Love and Marriage in Western Society, 1500-1800 (E) 6

HIST 3811 Famille, amour et mariage dans la société occidentale, 1500-1800 (E) 6

HIST 3820 The Women's Movement, 1850 to the Present (G) 6

HIST 4060 Gender History in Canada (C) 6

Native Studies

NATV 2430 Indigenous Women's Stories 3

NATV 3360 Aboriginal Women of Canada 3

NATV 3380 Cultural Constructions of Gender in Canadian Aboriginal Societies 3

Philosophy

PHIL 3220 Feminist Philosophy 3

Political Studies

POLS 3100 Gender and Politics in Canada 3

POLS 3240 Feminist Political Theory 3

Psychology

PSYC 2390 Psychology of Women 3

PSYC 2400 The Psychology of Sex Differences 3

Religion

RLGN 2680 Women and Religion 1 3

RLGN 2690 Women and Religion 2 3

Slavic Studies

RUSN 2350 Russian Women's Writing from the 1950s to the Present Day 3

RUSN 3980 Women and Russian Literature 3

UKRN 3970 Women and Ukrainian Literature 3

Sociology

SOC 2460 The Family 3

SOC 2461 La famille (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

Geography

GEOG 4280 Gender and the Human Environment	3
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Marcel A. Desautels Faculty of Music

MUSC 4130 History of Women in Music	3
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Faculty of Nursing

NURS 3330 Women and Health	3
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For course descriptions, see the departmental listing.

NOTE: List A courses are identified in Aurora Student with the course attribute of "Women's Studies Requirement."

Arts Interdisciplinary

Modification:

ARTS 1160 Leadership: An Interdisciplinary Approach Cr.Hrs. 3

This course provides an introduction to the key issues and concerns of leadership and leadership studies, focusing on the central question of "what is leadership." Students will examine the philosophical and historical foundations of leadership theory and practice, along with the more contemporary (and often more theoretical) reflections on both leadership practices and the varied disciplines that study them. This course will satisfy the Faculty of Arts Social Science requirement. Students may not hold credit for both ARTS 1160 and LEAD 2010.

NET CHANGE IN CREDIT HOURS:0

History of Art Program

Program modification: modification of History of Art List A.

- Revision to History of Art - List A

Added material

~~Deleted material~~

List A

Faculty of Arts

Classics

CLAS 2670 Greek Art and Archaeology 3

CLAS 2680 Roman Art and Archaeology 3

School of Art

Art History

FAAH 1100 Survey of Asian Art 3

FAAH 2060 Medieval to Early Renaissance Art and Architecture 3

FAAH 2070 Renaissance to Baroque Art and Architecture 3

FAAH 2080 Modern to Contemporary Art 3

FAAH 2090 Art of the North American Aboriginal Peoples 3

FAAH 2100* Survey of Asian Art 3

FAAH 2110 Women and Art 3

Faculty of Dentistry

Introduction:

DDSS 3190 Temporomandibular Disorders and Orofacial Pain Cr.Hrs. 6 +6

The course reviews the foundational clinical sciences in pain biology, and function of the masticatory muscles and TMJ. It discusses the contemporary classification, diagnosis and management of Temporomandibular disorders and related orofacial pain disorders.

NET CHANGE IN CREDIT HOURS: +6

Program modification to add DDSS 3190 to the third year curriculum.

D.M.D. Program - Third Year

Current Program

DDSS 3030	Medicine	6
DDSS 3200	Oral Diagnosis and Radiology 1	6
DDSS 3210	Oral and Maxillofacial Surgery 1	6
DDSS 3220	Periodontology 3	6
DDSS 3230	Pain and Anxiety Control 2	6
ORLB 3020	Pathology and Microbiology 2	6
ORLB 3060	Pharmacology and Dental Therapeutics	6
PDSD 3040	Orthodontics 3	6
PDSD 3050	Pediatric Dentistry 2	6
PDSD 3140	Dental Public Health/ Preventive Dental Science	6
RSTD 3020	Operative Dentistry 3	6
RSTD 3040	Fixed Partial Denture Prosthesis 2	6
RSTD 3050	Endodontology 2	6
RSTD 3090	Complete and Removable Partial Dental Prosthesis	6

Add:

<u>DDSS 3190</u>	<u>Temporomandibular Disorder and Orofacial Pain</u>	<u>6</u>
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Faculty of Engineering

Department of Biosystems Engineering

Program modification: introduction a Biomedical area of concentration.

II. Proposed Calendar Description

Biomedical Specialization

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

Group A: Science Electives

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

BIOL 1410 Human Anatomy (rather than SOIL 4060)

BIOL 1412 Physiology of the Human Body (rather than AGRI 2200)

Group B: Biosystems Engineering Design Electives

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

BIOE 4414 Imaging and Spectroscopy for Biosystems

BIOE 4610 Design of Assistive Technology Devices

BIOE 4640 Bioengineering Applications in Medicine

Group C: Complementary Studies & Free Electives

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

BIOL 2410 Human Physiology 1

BIOL 2420 Human Physiology 2

BIOL 4470 Sensory-Motor Physiology

ECE 4610 Biomedical Instrumentation and Signal Processing

ENG 1900 Occupational Health and Safety Awareness*

HIST 4660 History of Health and Disease (6)*

HIST 4680 History of Health and Disease in Modern Canada (6)*

KIN 2330 Biomechanics

KIN 4330 Advanced Biomechanics

NATV 3240 Native Medicine and Health*

PHIL 2740 Ethics and Biomedicine*

* Can be used as a complementary studies elective.

Department of Electrical and Computer Engineering

Introductions:

ECE 4180 Introduction to Robotics Cr.Hrs. 4

+4

This course provides fundamental concepts of robotics, including robot classification and applications, robot kinematics, sensor and actuators, sensor interfacing, motor control, trajectory planning, and robot programming. Prerequisites: ECE 4150 and ECE 4240.

ECE 3730 Principles of Embedded Systems Design Cr.Hrs. 4

+4

This course will introduce students to the design and implementation of embedded systems. Topics include introduction to UML and data structures, A-to-D, D-to-A, serial bus architectures, embedded computing, bus-based computer systems, program design and analysis, networks, and hardware-software co-design. Prerequisites: ECE 3610 and COMP 1010.

NET CHANGE IN CREDIT HOURS: +8

Program modifications: the introduction of seven areas of concentration: Biomedical, Engineering Physics, Power and Energy Systems, Wireless Communication Devices, Embedded Systems, Machine Vision, and Communication Networks.

Biomedical Area in the Electrical Engineering Program

Who will be able to take this area:

This area is available to all students registered in the Department of Electrical and Computer Engineering at the University of Manitoba. Successful completion of the requirements for this area will be indicated as a concentrated area of study on the graduate's transcript.

Structure of this area and required courses:

The standard Electrical Engineering (EE) program consists of 45 courses:

- 38 courses are core requirements (one of which is a Science Elective course).
- 7 are Technical Electives.

The area will require a total of 46 courses.

- The standard 37 core courses in the EE program, minus the Science Elective course (the additional Faculty of Science courses listed in this area replace this science elective).
 - ECE 4610 Biomedical Instrumentation and Signal Processing
 - BIOL 1410 Anatomy of the Human Body
 - Either BIOL 1412 Physiology of the Human Body or MBIO 1220 Essentials of Microbiology
 - Either BIOL 1030 Biology 2 or BIOE 2590 Biology for Engineers
-

- 1 elective must be taken from the list of Group 1 Biomedical Area electives.
- 1 elective must be taken from either the list of Group 1 or Group 2 Biomedical Area electives.
- 3 more electives must be taken. They should be selected from:
 - the standard list of EE Group A or Group B technical electives
 - the list of Group 1 Biomedical Area electives
 - the list of Group 2 Biomedical Area electives

Group 1 electives are focused background courses in primary topic area.

Group 2 electives are background courses in this area, but not of a primary topic.

Biomedical Area Group 1 Electives:

- ECE 4860 Topics in EE - Biomedical Optics
- PHYS 3320 Medical Physics and Physiological Measurement
- *PHYS xxxx Microfluidics for Biological Applications
- CHEM 2370 Biochemistry 2: Catabolism, Synthesis, Information Pathways

* Approved by the Department of Physics and Astronomy and awaiting formal approval by the Faculty of Science Council.

Biomedical Area Group 2 Electives:

- BIOL 1412 Physiology, Human Body
 - MBIO 1220 Essentials of Microbiology
 - BIOE 3320 Engineering Properties of Biological Materials
 - BIOE 4610 Design of Assistive Technology Devices
 - CHEM 1310 Introduction to Physical Chemistry
 - CHEM 2210 Introductory Organic Chemistry 1: Structure and Function
 - CHEM 2360 Biochemistry 1: Biomolecules and Intro. to Metabolic Energy
-

Engineering Physics Area in the Electrical Engineering Program

Who will be able to take this area:

This area is available to all students registered in the Department of Electrical and Computer Engineering at the University of Manitoba. Successful completion of the requirements for this area will be indicated as a concentrated area of study on the graduate's transcript.

Structure of this area and required courses:

The standard Electrical Engineering (EE) program consists of 45 courses:

- 38 courses are core requirements (one of which is a Science Elective course).
- 7 are Technical Electives.

The area will require a total of 46 courses.

- The standard 37 core courses in the EE program, minus the Science Elective course (the additional Faculty of Science courses listed in this area replace this science elective).
 - ECE 4580 Optoelectronics
 - PHYS 2380 Quantum Physics 1
 - PHYS 2650 Classical Mechanics 1
 - PHYS 3670 Classical Thermodynamics
 - PHYS 3680 Statistical Mechanics
-

- 1 elective must be taken from the list of Group 1 Engineering Physics electives.
- 1 elective must be taken from either the list of Group 1 or Group 2 Engineering Physics electives.
- 2 more electives must be taken from the standard list of EE Group A or Group B technical electives.

Group 1 electives are focused background courses in primary topic area.

Group 2 electives are background courses in this area, but not of a primary topic.

Engineering Physics Group 1 Electives:

- PHYS 3380 Quantum Physics 2
- PHYS 3430 Honours Physics Laboratory
- PHYS 3570 Physics of Materials 1
- PHYS 3650 Classical Mechanics 2
- PHYS 4520 Introduction to Solid State Physics
- PHYS 4590 Advanced Optics

Engineering Physics Group 2 Electives:

- ECE 4860 Topics in EE - Biomedical Optics
- ECE 4280 Engineering Electromagnetics
- ECE 4270 Antennas
- PHYS 2260 Optics
- PHYS 3320 Medical Physics and Physiological Measurement

Power and Energy System Area in the Electrical Engineering Program

Who will be able to take this area:

This area is available to all students registered in the Department of Electrical and Computer Engineering at the University of Manitoba. Successful completion of the requirements for this area will be indicated as a concentrated area of study on the graduate's transcript.

Structure of this area and required courses:

The standard Electrical Engineering (EE) program consists of 45 courses:

- 38 courses are core requirements.
- 7 are Technical Electives.

The area will require a total of 45 courses:

- The standard 38 core courses in the EE program.
- ECE 3650 Electric Machines
- 3 electives must be taken from the list of Group 1 Power and Energy System electives.
- 1 elective must be taken from either the list of Group 1 or Group 2 Power and Energy System electives.
- 2 free Technical Electives must be selected from the standard list of EE Group A or Group B technical electives.

Group 1 electives are focused background courses in primary topic area.

Group 2 electives are background courses in this area, but not of a primary topic.

Power and Energy System Group 1 Electives:

- ECE 4140 Power Transmission Lines
- ECE 4300 Electrical Energy Systems I
- ECE 4310 Electrical Energy Systems II
- ECE 4370 Power Electronics
- ECE 4850 High Voltage Equipment Testing

Power and Energy System Group 2 Electives:

- ECE 3760 Digital System Design 1
 - ECE 4160 Control Engineering
 - ECE 4240 Microprocessor Interfacing
 - ECE 4240 Microprocessor Interfacing
 - ECE 4280 Engineering Electromagnetics
 - ECE 4390 Engineering Computations 3E
 - ECE 4420 Digital Control
 - ECE 4530 Parallel Processing
 - ECE 4830 Signal Processing 2
 - MATH 3700 Applied Complex Analysis
 - MATH 3810 Partial Differential Equations
-

**Wireless Communication Devices Area
in the Electrical Engineering Program
Department of Electrical and Computer Engineering**

Who will be able to take this area:

This area is available to all students registered in the Department of Electrical and Computer Engineering at the University of Manitoba. Successful completion of the requirements for this area will be indicated as a concentrated area of study on the graduate's transcript.

Structure of this area and required courses:

The standard Electrical Engineering (EE) program consists of 45 courses:

- 38 courses are core requirements.
- 7 are Technical Electives.

The area will consist of 45 courses:

- The standard 38 core courses in the EE program.
- 3 electives must be taken from the list of Group 1 Wireless Communication Devices electives.
- 2 electives must be taken from either the list of Group 1 or Group 2 Wireless Communication Devices electives.
- 2 free Technical Electives must be selected from the standard list of EE Group A or Group B technical electives.

Group 1 electives are focused background courses in primary topic area.

Group 2 electives are background courses in this area, but not of a primary topic.

Wireless Communication Devices Group 1 Electives:

- ECE 4270 Antennas
- ECE 4290 Microwave Engineering
- ECE 4100 Microelectronic Fabrication
- ECE 4280 Engineering Electromagnetics
- ECE 4860 Topics in EE - Design of RF Devices and Wireless Systems
- ECE 4580 Optoelectronics

Wireless Communication Devices Group 2 Electives:

- ECE 3700 Telecom Networking
 - ECE 4200 Electric Filter Design
 - ECE 4250 Digital Communications
 - ECE 4390 Engineering Computations 3E
 - ECE 4540 Wireless Networks
 - ECE 4740 Digital Systems Implementation
 - ECE 4830 Signal Processing 2
 - MATH 3700 Applied Complex Analysis
 - MATH 3810 Partial Differential Equations
-

EMBEDDED SYSTEMS AREA

IN THE COMPUTER ENGINEERING (TE) PROGRAM

Who Will be Able to Take the Embedded System Area?

The area will be available to students registered in the Computer Engineering or Electrical Engineering Program in the ECE Department at the University of Manitoba. Students do not have to take the area.

Structure of the Embedded System Area

The area consists of two parts: Group A courses and Group B courses. Notice that each Computer Engineering and Electrical Engineering program consists of 45 courses.

Course Selection

- i. All of the area's six Group A courses must be taken.

(NOTES: *2T2* denotes the second year, term 2. The first asterisk denotes a core course for students in the Computer Engineering program, while the second asterisk denotes a core course for students in the Electrical Engineering program).

- ii. One of the specified area's Group B courses should be taken.

Courses

Area's Group A Courses (take all from the list)

- *2T2* ECE 3610 Microprocessing Systems
- *3T1* ECE 4240 Microprocessor Interfacing
- *3T2* ECE 3760 Digital System Design 1
- *3T2 COMP 3430 Operating Systems
- *4T1 ECE 4740 Digital System Implementation
- *4T1 ECE 3740 Systems Engineering Principles 1

Area's Group B Courses (take one from the list)

- 4T1 COMP 3020 Human-Computer Interactions 1
 - 4T1 COMP 2160 Programming Practices
-

COMMUNICATIONS NETWORKS AREA

IN THE COMPUTER ENGINEERING (TE) PROGRAM

Who Will be Able to Take the Communications Networks Area?

The area will be available to students registered in the Computer Engineering or Electrical Engineering Program in the ECE Department at the University of Manitoba. Students do not have to take the area.

Structure of the Communications Networks Area

The area consists of two parts: Group A courses and Group B courses. Notice that each Computer Engineering and Electrical Engineering program consists of 45 courses.

Course Selection

- i. All the area's five Group A courses must be taken.

(NOTES: *3T2* denotes the third year, term 2. The first asterisk denotes a core course for students in the Computer Engineering program, while the second asterisk denotes a core course for students in the Electrical Engineering program.)

- ii. Two of the specified area's Group B courses must be taken.

Courses

Area's Group A Courses (take all from the list)

- *2T2* ECE 3610 Microprocessing Systems
- *3T1* ECE 4240 Microprocessor Interfacing
- *3T2 ECE 3700 Telecommunications Network Engineering
- *3T1 ECE 3790 Engineering Algorithms
- 4T2* ECE 4260 Communications Systems

Area's Group B Courses (take two from the list)

- 4T1 ECE 4750 Wireless Networks
 - 4T2 ECE 4250 Digital Communications
 - 4T1 ECE 4780 Performance Evaluation for Communications
 - 4T2 ECE 4520 Simulation and Modeling
-

MACHINE VISION AREA

IN THE

COMPUTER ENGINEERING (TE) PROGRAM

Who Will be Able to Take the Machine Vision Area?

The area will be available to students registered in the Computer Engineering or Electrical Engineering Program in the ECE Department at the University of Manitoba. Students do not have to take the area.

Structure of the Machine Vision Area

The area consists of two parts: Group A courses and Group B courses. Notice that each Computer Engineering and Electrical Engineering program consists of 45 courses.

Course Selection

- i. All the area's four Group A courses must be taken.
(NOTES: *3T2* denotes the third year, term 2. The first asterisk denotes a core course for students in the Computer Engineering program, while the second asterisk denotes a core course for students in the Electrical Engineering program.)
- ii. Two of the area's Group B courses must be taken.

Courses

Area's Group A Courses (take all from the list)

*4T1 ECE 4830 Signal Processing II
*4T1 ECE 3790 Engineering Algorithms 4T1
ECE 4440 Computer Vision 4T1 COMP
3490 Computer Graphics I

Area's Group B Courses (take two from the list)

4T1 ECE 4610 Biomedical Instrumentation and Signal Processing
4T1 COMP 3020 Human-Computer Interaction 1
4T2 COMP 4020 Human-Computer Interaction 2
4T1 COMP 4360 Machine Learning

Faculty of Human Ecology

Department of Family Social Sciences

Program modification to add *SOC 3750 Institutional Responses to Violence in Family and Intimate Relationships* the list of electives in the Family Violence and Conflict Resolution Option.

Department of Human Nutritional Sciences

Modifications:

HNSC 1210 Nutrition for Health and Changing Lifestyles Cr.Hrs. 3
(formerly 039.121) This course addresses the relationship between nutrition and health. The focus is on health eating and on strategies for modifying food patterns within the context of lifestyle and culture. Not to be held with 030.117 or 030.323 or HNSC 1100.

HNSC 4364 Food Industry Option Practicum Cr.Hrs. 6

This course involves supervised application of food quality, safety, and management principles in a commercial or government setting. Requirements include a minimum of 280 hours of work related to the field experience. Prerequisites: Completion of 84 credit hours in Human Nutritional Sciences including the following courses from the Food Industry Option: HNSC 3260, HNSC 3330, FOOD 4150 and one of GMGT 2030, GMGT 2070 or GMGT 2080, or instructor permission. Application to department is required four months prior to course commencement. Limited enrolment.

NET CHANGE IN CREDIT HOURS: 0

Department of Textile Sciences

Modification:

TXSC 4610 Integrative Project Cr.Hrs. 6

This is a required course in which students are required to demonstrate their ability to integrate the skills and knowledge accumulated in the program. Specifically, students will solve a specific textile or product development problem which may originate from the students' interests, developed in collaboration with academic staff, or community-based. Prerequisites: TXSC 3610 (064.361), TXSC 3630 (064.225) and TXSC 3640 (064.364). Not to be held with the former 064.430 or TXSC 4340 (064.434) or TXSC 4210 (064.421) or TXSC 4310 (064.431).

NET CHANGE IN CREDIT HOURS: 0

Program modification to the Microbiological Sciences Option to accommodate changes in the offerings of the Department of Microbiology.

Microbiological Sciences Option

BIOL 1020 Biology 1	
<i>and</i>	<i>and</i>
BIOL 1030 Biology 2	3
<u>MBIO 1010 Microbiology I</u>	3
MBIO 2100 General Microbiology A-	3
MBIO 2360 Biochemistry 1: Biomolecules and an Introduction to Metabolic Energy	3
MBIO 2370 Biochemistry 2: Catabolism, Synthesis, and Information Pathways	3
MBIO 3010 Mechanism of Microbial Disease	3
Department Electives	3
Free Electives	15

Interdisciplinary Health Program

Introduction:

HEAL 4650 Selected Topics in Interdisciplinary Health Cr.Hrs. 3 +3

The opportunity to carry out individual study in the area of Interdisciplinary Health. When enrolment warrants, special topics may be offered in a regular course format. Prerequisite: Consent of instructor and chairperson.

NET CHANGE IN CREDIT HOURS: +3

Faculty of Kinesiology and Recreation Management

Deletions:

KIN 2910 Athletic Therapy Practicum Cr.Hrs. 6	-6
KIN 3910 Athletic Therapy Practicum Cr.Hrs. 6	-6
KIN 3300 Functional Assessment and Restoration Cr.Hrs. 6	-6
KIN/PHED 3090 Principles of Fitness Training Cr.Hrs. 3	-3
KIN/PHED 3720 Coaching Theory and Practice Cr.Hrs.3	-3
KIN/PHED 3730 Advanced Coaching Theory and Practice Cr.Hrs. 3	-3

Introductions:

KIN 3912 Athletic Therapy Practicum Cr.Hrs. 4	+4
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To provide clinical and on-field internship experiences on campus and in the community for prospective Athletic Therapy candidates. May not be held for credit with PHED 3910 (057.391). Evaluated pass-fail. Prerequisite: [KIN 2750(C)] and [KIN 2320 or PHED 2320 (057.232(C))].

KIN 3914 Clinical Block Placement Cr.Hrs. 2	+2
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Clinical internship experience on campus and in the community for prospective Athletic Therapy candidates. May not be held for credit with the former KIN 3910. Prerequisite: KIN 3912.

KIN 3330 Functional Assessment and Restoration A Cr.Hrs. 3	+3
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General principles of assessment and restoration; assessment of acute and chronic musculo-skeletal injuries of the lower extremity; rehabilitation techniques to ensure full restoration of function. May not be held with KIN 3300. Prerequisite: KIN 3320 (C).

KIN 3332 Functional Assessment and Restoration B Cr.Hrs. 3	+3
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Assessment of acute and chronic musculo-skeletal injuries of the upper extremity and spine; rehabilitation techniques to ensure full restoration of function. May not be held with KIN 3300. Prerequisite: KIN 3330 (C).

KIN/PHED 2540 Psychology of Sport and Physical Activity Cr.Hrs. 3	+3
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This course will provide the student with an understanding of psychological variables affecting individuals within sporting and physical activity contexts. Among the topics to be explored will be motivation, arousal/anxiety, group dynamics and youth involvement in sport. May not hold for credit with PHED/KIN 2540. Prerequisite: PSYC 1200.

KIN/PHED 4540 Advanced Topics in Sport Psychology Cr.Hrs. 3	+3
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This course will provide the student with a deeper understanding of psychological variables affecting individuals within sport contexts, including an exploration of various research methods and theories/research related to motivation, youth, and applied work in sport psychology. May not hold for credit with PHED/KIN 4540. Prerequisite: KIN/PHED 2540.

KIN/PHED 3520 Coaching the High Performance Athlete A Cr.Hrs. 3	+3
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The development of advanced technical and theoretical expertise in coaching, including conflict management, psychology of performance, effective leadership, making ethical decisions, and practice planning. The course prepares students to be "Trained" in the Competition – Development level of the National Coaching Certification Program (NCCP). May not hold for credit with PHED/KIN 3520. Prerequisite: Faculty permission and 45 credit hours of University

course work. The student must demonstrate a high level of proficiency as an athlete, coach or official in their sport.

KIN/PHED 3530 Coaching the High Performance Athlete B Cr.Hrs. 3 +3

The development of advanced technical and theoretical expertise in coaching, including prevention and recovery, leading drug free sport, developing athletic abilities, and designing a basic sport program. The course completes the fully "Trained" component of the Competition – Development level of the National Coaching Certification Program (NCCP). May not hold for credit with PHED/KIN 3530. Prerequisite KIN/PHED 3520.

KIN/PHED 3800 Principles of Fitness Training Cr.Hrs. 3 +3

Theoretical concepts of designing programs employing the principles of overload and adaptation for all components of fitness for all age groups. May not hold with PHED/KIN 3090 (057.309) or PHED 3800. Prerequisite: [PHED 3430 (057.343) or KIN 3470 or PHED 3470(C)]

KIN/PHED 2780 Coaching Theory and Practice Cr.Hrs. 3 +3

An introduction to the theoretical and practical aspect of coaching at the community and school level, including the examination of topics of philosophical, psychological, ethical and technical significance. The course prepares students for certification from the National Coaching Certification Program (Competition A). May not hold for credit with PHED/KIN 2780, or KIN/PHED 3720 or PHED 3050 (057.305). Requires a paid facility use pass.

KIN/PHED 2790 Advanced Coaching Theory and Practice Cr.Hrs. 3 +3

An analysis of the theoretical and practical aspects of coaching at elite levels, with a particular focus on topics of psychological and technical significance. An emphasis is placed on the sport psychology research literature. The course prepares student for certification from the National Coaching Certification Program (Competition B). May not be held for credit with PHED/KIN 2790 or KIN/PHED 3730. Prerequisite: [KIN/PHED 3720 (C)] or [PHED/KIN 2780 (C)]. Requires a paid facility use pass.

Modifications:

KIN 4400 Therapeutic Exercise Rehabilitation Cr.Hrs. 3

This course will concentrate on therapeutic exercise for the upper and lower extremities, torso and spine. Content will focus upon using exercise and basic therapy techniques to restore function by addressing deficiencies in range of motion, flexibility, strength, power, endurance, proprioception, coordination, agility and speed. Prerequisite: [KIN 3740 or PHED 3740 (C)] and [KIN 3160 (C)].

REC 3850 Planning of Recreation Areas and Facilities Cr.Hrs. 3

(formerly 123.385) The process used to plan both recreational open spaces and facilities. Special consideration is given to the role of the recreation professional in relationship to other planners. Prerequisites: [PERS 1400 or REC 1400 (123.140)(C)] and [PERS 2200 (C)].

KIN 3740 Resistance Training and Conditioning Cr.Hrs. 3

Development of theoretical and practical knowledge of strength training and conditioning for programming over the entire healthy population from inactive sedentary individuals to elite athletes. May not hold for credit with PHED 2620 (057.262) or PHED 3740. Required a paid facility use pass. Prerequisites: [PHED 2320 (057.232) or KIN 2320 (C)] and [PHED 3470 or KIN 3470 or PHED 3430 (057.343)(C)]; Co-requisite: [PHED 3090 or KIN 3090 (C)].

KIN 3450 Motor Learning Cr.Hrs. 3

(Lab required) Principles underlying human motor performance and motor skill learning. May not hold for credit with PHED 3450 (057.345).

PHED 3740 Resistance Training and Conditioning Cr.Hrs. 3

Development of theoretical and practical knowledge of strength training and conditioning for programming over the entire healthy population from inactive sedentary individuals to elite athletes. May not hold for credit with PHED 2620 (057.262) or KIN 3740. Required a paid facility use pass. Prerequisites: [PHED 2320 (057.232) or KIN 2320 (C)] and [PHED 3470 or KIN 3470 or PHED 3430 (057.343)(C)]; Co-requisite: [PHED 3090 or KIN 3090 (C)].

PHED 3450 Motor Learning Cr.Hrs. 3

(Lab required) Principles underlying human motor performance and motor skill learning. May not hold for credit with KIN 3450 (057.345).

NET CHANGE IN CREDIT HOURS: +3

Asper School of Business – Faculty of Management

Department of Accounting and Finance

Modifications:

ACC 1110 Introductory Managerial Accounting Cr.Hrs. 3

(formerly 009.111) The development and use of accounting information for internal management decision-making. Prerequisite: ACC 1100 (or 009.110)(D). Prerequisite or Concurrent requirement: ECON 1200 (or 012.120).

MIS 3500 Database Management Systems Cr.Hrs. 3

(formerly 009.350) Designing, developing and managing database systems, by using mainstream design methodologies and popular development tools. Prerequisites: [MIS 3510 (or 009.351)(D)] and [COMP 1010 (or 074.101)(C)].

MIS 3510 Systems Analysis and Design Cr.Hrs. 3

(formerly 009.351) Analyzing business tasks, processes, information and information technology, and designing information systems by employing methodologies, techniques and popular software used by information systems professionals. Prerequisite: MIS 2000 (or 009.200)(C+).

MIS 3520 Data Communications and Networking Cr.Hrs. 3

(formerly 009.352) A study of basic data communications topics, including communication media, protocols, network security, network topologies (local and wide area networks), Web development and network management issues. Prerequisite: MIS 2000 (or 009.200)(C+).

NET CHANGE IN CREDIT HOURS: 0

Department of Business Administration

Introduction:

LEAD 2010 Learning to Lead Cr.Hrs. 3

+3

This seminar provides students with an introduction to and understanding of effective leadership and its application to a variety of group and organizational contexts. The classes encourage interdisciplinary discussions of theoretical, philosophical, historical, and technical elements of effective leadership. The course allows students to reflect on and develop their own leadership style through interactive lectures, experiential activities, and action learning in groups and organizations in which students want to lead and be led. This seminar is intended for all students 009.220)(that have an interest in leadership theory and effective leadership practices. Students must have completed 15 credit hours passed courses to register in LEAD 2010 Learning to Lead. Students may not hold credit for both LEAD 2010 and ARTS 1160.

NET CHANGE IN CREDIT HOURS: +3

Warren Centre for Actuarial Studies

Modifications:

ACT 3130 Actuarial Models 1 Cr.Hrs. 3

(formerly 010.313) Elementary concepts respecting the quantification of the financial impact of contingent payments. May not be held with the former 010.347. Prerequisite or Concurrent requirement: ACT 2120 (or 010.212)(C+), STAT 3400 (or the former STAT 3500 or 005.350)(D).

ACT 3230 Actuarial Models 2 Cr.Hrs. 3

(formerly 010.323) Intermediate and advanced concepts respecting the quantification of the financial impact of contingent payments. Not to be held with the former 010.348. Prerequisite: ACT 3130 (or 010.313)(C+). Prerequisite or Concurrent requirement: STAT 3800 (or the former STAT 3600 or 005.360)(D).

ACT 4140 Actuarial Modeling Methods 1 Cr.Hrs. 3

(formerly 010.414) Estimation and Fitting of Survival Models. May not hold credit with the former 010.448 Topic Survival Models. Prerequisite: STAT 3800 (or the former STAT 3600 or 005.360).

ACT 4150 Pension mathematics Cr.Hrs. 3

(formerly 010.415) Actuarial applications for defined benefit pension plans. Actuarial cost methods, funding levels, operation of pension plans from an actuarial perspective. Students may not hold credit with ACT 7550 (or 010.755). May not be offered every year. Prerequisite: ACT 3230 (010.323)(D).

ACT 4340 Actuarial Modeling Methods 3 Cr.Hrs. 3

(formerly 010.434) Classical, Bayesian and Buhlmann Credibility Models. The connection between Credibility Theory and Experience Rating. Underlying assumptions for the different methods. Simulation in Estimating and Fitting Actuarial Models. May not hold for credit with the former 010.488 Topic Credibility Theory. May not be offered every year. Prerequisite: ACT 4140(010.414)(C+).

NET CHANGE IN CREDIT HOURS: 0

Faculty of Medicine

School of Medical Rehabilitation

Deletions:

REHB 1490 Musculoskeletal Anatomy 1 Cr.Hrs. 2	-2
REHB 1500 Musculoskeletal Anatomy 2 Cr.Hrs. 3	-3

Introduction:

REHB 1520 Musculoskeletal Anatomy Cr.Hrs. 5 +5
Lecture and laboratory study including living anatomy of the musculoskeletal structures of the head, neck and trunk and upper and lower extremities. May not be held for credit with the former REHB 1490 or REHB 1500.

NET CHANGE IN CREDIT HOURS: 0

Program modification:

Physical Therapy Program Year 1

<u>Dept Name</u>	<u>Dept Code</u>	<u>Course No.</u>	<u>Credit Hours</u>
Medical Rehabilitation	REHB	1200	3
Medical Rehabilitation	REHB	1480	3
Medical Rehabilitation	REHB	1490	2 delete
Medical Rehabilitation	REHB	1500	2 delete
Medical Rehabilitation	REHB	1520	5 new
Physical Therapy	PT	1700	6
Physical Therapy	PT	1730	10
Physical Therapy	PT	1740	7
Physical Therapy	PT	1750	6
Physical Therapy	PT	1910	5

Faculty of Science

Actuarial Mathematics Program

Program modifications:

Proposed Honours Academic Regulations:

4.1.1 Program Information

This is an interdisciplinary program leading to a Bachelor of Science (Honours) degree in Actuarial Mathematics offered in collaboration with the Warren Centre for Actuarial Studies and Research of the I.H. Asper School of Business. The program covers mathematical, statistical, financial and economic concepts required to develop skills in the modelling and management of financial risk and contingent events. In the Faculty of Science the program has a greater emphasis on the mathematical and statistical courses than does the Actuarial Mathematics program offered by the I.H. Asper School of Business.

The Warren Centre, with the department of Statistics, offers a joint Honours program (see Section 4.13.3).

To enter the program, a student must have a minimum grade of "B" in one of the following courses: a three (3) credit hour Written English (W) course, ECON 1200 (6), MATH 1300, MATH 1500, MATH 1700 or STAT 1000. All of these courses are program requirements and students are strongly urged to take them in the first year.

To continue in the Honours program, a student must have a Degree Grade Point Average of 3.00 or better.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00 and a minimum grade of "C+" in each of the Honours Program Specific courses (see below), and a minimum grade of "C" on all remaining courses that contribute to the 120 credit hours of the degree.

Honours Program Specific Courses

Students must achieve a minimum grade of "C+" in each of the following:

ACT 2020, ACT 2120, **ACT 2210**, ACT 3130, ACT 3230, ACT 3530, ACT 4000, **ACT 4060**, ACT 4140, ACT 4340

In order to receive course credit and examination exemptions from future Society of Actuaries (SoA) and VEE courses, students must obtain a grade of "B" in the following courses: ECON 1200, ACC 1100, FIN 2200, STAT 3470, and STAT 3490. Contact the Warren Centre for Actuarial Studies and Research for further information.

Proposed Honours Program Chart:

4.1.2 Actuarial Mathematics			
UNIVERSITY 1	YEAR 2	YEAR 3	YEAR 4
HONOURS ACTUARIAL 120 CREDIT HOURS			
ECON 1200 ⁶ (6)	ACT 2020, ACT 2120	ACT 2210, ACT 3130, ACT 3230, ACT 3530, ACT 4000	ACT 4060, ACT 4140, ACT 4340
MATH 1500 ¹ , MATH 1700 ¹ , MATH 1300 ¹	STAT 2400, STAT 3400	MATH 2300 ⁴	STAT 3470 ⁵ , STAT 3490 ^{3,6}
STAT 1000, STAT 2000	ACC 1100 ^{2,6} , FIN 2200 ^{3,6}	STAT 3050, STAT 3800	MSCI 2150 ⁵
6 credit hours from the Faculty of Arts including the required course	MATH 2720 ¹ , MATH 2730 ¹		
	COMP 1260 ⁵		
3 credit hours of electives ⁷	3 credit hours of approved electives	6 credit hours of approved electives ⁷	12 credit hours of approved electives ⁷
30 Hours	30 Hours	30 Hours	30 Hours

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 MATH 1500 and MATH 1700; MATH 2750 may be taken in place of MATH 2720 and MATH 2730.

² ACC 1100 and FIN 2200 may be taken in Year 2, 3 or 4; however, it is strongly recommended that these two courses be taken in Year 2 or 3. 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 COMP 1260 and MSCI 2150 may be taken in Year 2, 3 or 4. Note that COMP 1260 is a prerequisite for MSCI 2150.

⁶ A minimum grade of "B" is required in these courses in order to satisfy the SoA, VEE credit / examination exemptions. See the Warren Centre for Actuarial Studies and Research for further detail.

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.

U1: PSYC 1200 or SOC 1200

Year 2: GMGT 2000

Year 3: FIN 3270, FIN 3410²; STAT 3480

Year 4: FIN 3480; ACT 4050, ACT 4150, ACT 4240; STAT 4100, STAT 4520, STAT 4530, STAT 4630.

(Letters in brackets indicate minimum prerequisite grades for further study. The number 6 in brackets indicates a 6 credit hour course.)

Biochemistry Program

Proposed Honours Academic Requirements:

To enter the joint Honours program in Biochemistry, a student must have a minimum of **"B" in CHEM 1310 and a minimum of "C+" in BIOL 1020. CHEM 1300, BIOL 1030, PHYS 1070 (or PHYS 1030), MATH 1500 and MATH 1700 are required courses in the program and students are strongly urged to complete them in first year.** In addition, students must satisfy the general faculty requirements for entry to Honours programs. In order to satisfy prerequisite requirements for courses taken in Year 2 and subsequent years, students must take the courses indicated below in University 1.

To continue in the Honours program, and to successfully complete Year 4 of the Honours program, a student must have **Degree Grade Point Average of 3.00.** Students must complete at least 9 credit hours during each Fall and Winter Term.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00, a minimum grade of **"C+"** in each of the Honours Program Specific courses (see below), and a minimum grade of **"C"** on all remaining courses that contribute to the 120 credit hours of the degree.

Proposed Major Degree Academic Requirements:

To enter the joint four year Major program, a student must have a minimum of **"C+" in CHEM 1310, and a minimum of "C" in BIOL 1020. CHEM 1300, BIOL 1030, PHYS 1070 (or PHYS 1030), MATH 1500, and MATH 1700 are required courses in the program and students are strongly urged to complete these courses in first year.** Students must also satisfy the general faculty requirements for entry to four year Major programs.

To continue in the Bachelor of Science Major degree, a student must maintain a minimum CGPA of 2.00.

To graduate with the Bachelor of Science (Major), a student must complete 120 credit hours or more, with minimum grades of **"C"** on Major Program Specific courses (see below), passing grades (**"D"** or better) on the remaining courses, and a minimum grade point average of 2.00 on the 120 credit hours that contribute to the degree.

Department of Biological Sciences

Proposed Honours Academic Requirements:

To enter the Biological Sciences Honours program a student must have a **"B" in BIOL 1030. CHEM 1300, CHEM 1310, STAT 1000 and the 3 credit hours of specified Mathematics, Physics or Statistics are program requirements and students are strongly urged to complete these courses in first year.**

To continue in the Honours program, a student must have a **Degree Grade Point Average of 3.00.**

To graduate with an Honours degree, a student must obtain a Degree Grade Point Average of 3.00 or better, a grade of **"C+"** or better in all Biology courses, and a grade of **"C"** or better on all remaining courses that contribute to the degree.

Proposed Major Degree Academic Requirements:

To enter the Biological Sciences four-year Major program a student must have a **"C+" in BIOL 1030. CHEM 1300, CHEM 1310, STAT 1000 and the 3 credit hours of specified Mathematics, Physics or Statistics are program requirements and students are strongly urged to complete these courses in first year.**

Biotechnology Program

Proposed Honours Academic Requirements:

To enter the joint Honours program students must have a minimum grade of **B** in CHEM 1310 and a minimum grade of **C+** in BIOL 1020. CHEM 1300, BIOL 1030, MATH 1500, PHYS 1020 (or PHYS 1050), and STAT 1000 are required courses in the program and students are strongly urged to complete these courses in first year. Six credit hours of Arts electives, including the written English course should also be taken in Year 1.

To continue in the Honours program a student must maintain a minimum DGPA of 3.00.

To graduate from the Biotechnology Honours program students require a minimum GPA of 3.00. Additionally, students must achieve a minimum grade of C+ in each of the Common Core and Program Stream courses, and a minimum grade of C on the courses that make up the remainder of the degree.

Proposed Major Degree Academic Requirements:

Students must meet the Faculty of Science requirements for entry into a Major Program: a minimum DGPA of 2.00 on all courses completed by the end of Year 1 (minimum 24 credit hours). Also students must have a minimum grade of **C+** in CHEM 1310 and a minimum grade of **C** in BIOL 1020. BIOL 1030, CHEM 1300, MATH 1500, PHYS 1020 or 1050, and STAT 1000 are required courses in the program and students are strongly urged to complete these courses in first year. Six credit hours of Arts electives, including the written English course should also be taken in Year 1.

To continue in and graduate from the 4-Year Major degree, students must maintain a DGPA of 2.00, and students must obtain a minimum grade of C on all stream specific courses. There is no term registration load requirement in the Major degree. No more than 18 credit hours of F grades can be accumulated regardless of whether any course has been repeated and a higher grade achieved. A minimum GPA of 2.00 is required on the courses used for the 120 credit hours of the degree for graduation. Students who do not meet these minimum requirements will be required to withdraw from the program and will normally be eligible to enter the 3-Year B.Sc. General degree program.

Department of Chemistry

Proposed Honours Academic Requirements:

To enter the Honours program in Chemistry, a student must have a minimum grade of "B" in CHEM 1310 and have satisfied all faculty requirements for entry to the Honours program. CHEM 1300, MATH 1500, MATH 1700, PHYS 1020 (1050), and PHYS 1070 are required courses in this program and students are strongly urged to complete these courses in first year.

To continue in and graduate from the Honours program a student must have a Degree Grade Point Average of 3.00. Students must complete 9 credit hours in each Fall and Winter Term.

To graduate with the Honours degree, a student must have a minimum DGPA of 3.00, a minimum grade of "C+" in each Chemistry course and a minimum grade of "C" in all remaining courses that contribute to the degree unless otherwise specified.

Proposed Major Academic Requirements:

To enter the four year Major in Chemistry, students must have obtain a minimum grade of "C+" in CHEM 1310 and have satisfied all faculty requirements for entry to the four year Major program. CHEM 1300, MATH 1500, MATH 1700, PHYS 1020 (1050), and PHYS 1070 are required courses in this program and students are strongly urged to complete these courses in first year.

To continue in the Major program, a student must have a Cumulative Grade Point Average of 2.00 at each point of assessment.

To graduate with the Major degree, students must present a grade of "C" or higher on the 54 credit hours of Chemistry required in the degree; as well as a minimum grade of "C" in specified Mathematics and Physics courses.

Students who, at the end of University 1, are undecided between the four year Major and Honours programs should note that the prescription for Honours Year 2 satisfies both the Honours and Major programs.

Interdisciplinary course in Forensic Science

Modification:

FORS 2000 Introductory Forensic Science Cr.Hrs. 3

Survey course which introduces forensic science via a series of guest lectures provided by experts from within the university and from the community (i.e. Winnipeg Police, RCMP, Chief Medical Examiner, etc.). Multidisciplinary topics will be covered including how a case is studied, use of scientific techniques in investigations, collection of evidence, the role of the expert witness, and presentation of evidence in court. Evaluation may include participation in mock crime scenes. Prerequisites: BIOL 1030 (C+) and CHEM 1310 (C+). Note: The course FORS 2000 satisfies the University's "V" written English requirement.

NET CHANGE IN CREDIT HOURS: 0

Genetics Program

Proposed Honours Academic Requirements:

To enter Honours Genetics, students must have a minimum grade of "B" in BIOL 1030, and a minimum of "C+" in CHEM 1310. STAT 1000, MATH 1500 and the additional 3 credit hours of specified Mathematics courses are program requirements and students are strongly urged to complete these courses in first year.

Department of Microbiology

Proposed Honours Academic Requirements:

To enter Honours Microbiology, students must have a minimum grade of "B" in MBIO 1010, and a minimum of "C+" in CHEM 1310, BIOL 1020, BIOL 1030, STAT 1000 and the 3 credit hours of specified Mathematics or Physics are program requirements and students are strongly urged to complete these courses in first year.

* Students interested in studying Microbiology should note that Grade 12 mathematics and chemistry are prerequisite to CHEM 1300. Effective 2009-2010, students will also require Biology 40S (or equivalent) and any Grade 12 mathematics course (or equivalent) for entry to BIOL 1020 (the required prerequisite for BIOL 1030).

To continue in the Honours degree program, a student must have a minimum Degree Grade Point Average of 3.00. Students must complete a minimum of 9 credit hours during each Fall and Winter Term.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00; a minimum grade of "C+" in each Microbiology course; and a minimum grade of "C" on all remaining courses that contribute to the 120 credit hours of the degree.

Proposed Major Degree Academic Requirements:

To enter the four year Major program in Microbiology students must have a minimum of "C+" in MBIO 1010, and a minimum of "C" in CHEM 1310, BIOL 1020, BIOL 1030, STAT 1000 and the 3 credit hours of specified Mathematics or Physics are program requirements and students are strongly urged to complete these courses in first year.

To continue in, and graduate from, the 4-year Major degree program, students are required to maintain a minimum DGPA of 2.00.

Department of Physics and Astronomy

Modification:

PHYS 3220 Medical Physics and Physiological Measurement Cr. Hrs. 3

(formerly 016.322) This course will introduce the core subject areas of Medical Physics, in particular the physics of physiology and of radiology. The mechanics of body systems and the theory, medical applications and safety issues relating to the production, use, detection and measurements of electromagnetic radiation (both ionizing and non-ionizing) will be included. It will also cover Medical imaging (Ultrasound, CT and MRI) and will provide the student with an understanding of the physics underlying neurological, audiological, respiratory and vascular function and measurements. Prerequisite: one of: PHYS 2600 (016.260)(C) or PHYS 2210 (or the former PHYS 2200 or 016.220)(C), or PHYS 2152, or consent of department.

NET CHANGE IN CREDIT HOURS: 0

Program Modification:

Proposed Honours Requirements:

To enter the Honours program in Physics and Astronomy, a student must have a "B" in PHYS 1070. The courses listed under year 1 in the chart below are program requirements and students are strongly urged to complete these courses in first year.

To continue in the Honours program students must achieve a minimum DGPA of 3.00.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00 and minimum grade of "C" in each course that contributes to the 120 credit hours of the degree.

Proposed Major Requirements:

To enter the four year Major program in Physics and Astronomy, a student must have a minimum grade of "B" in PHYS 1030 or a minimum grade of C+ in PHYS 1070. The courses listed under year one in the chart below are program requirements and students are strongly urged to complete these courses in first year.

Department of Statistics

Proposed Honours Academic Requirements:

To enter the Honours program students must have a "B" or better in STAT 2400.

To continue in the Honours program a student must achieve a Degree Grade Point Average of 3.00 or better at each point of assessment.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00 and a minimum grade of "C+" in each of the Honours Program Specific courses (see below), and a minimum grade of "C" on all remaining courses that contribute to the 120 credit hours of the degree.

Proposed Major Degree Academic Requirements:

To enter the four year Major program in Statistics, students must have a "C+" or better in STAT 2400.

To continue in the four year Major program a student must achieve a 2.00 Cumulative Grade Point Average at each point of assessment.

To graduate from the four year Major program a student must have a minimum 2.00 DGPA, and a minimum grade of "C" in each of the Major Program Specific courses (see below).

Proposed Program for Statistics – Actuarial Mathematics Joint Honours Degree:

To enter the Honours program students must have a minimum grade of "B" in one of the following courses: 3 credit hour approved Written English course, ECON 1200, MATH 1300, MATH 1500, MATH 1700, STAT 1000, or STAT 2000; and a minimum grade of B in STAT 2400. All of these courses are program requirements and students are strongly urged to complete them in first year.

4.13.3 Statistics – Actuarial Mathematics Joint Honours Program

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

Entry Requirements:

To enter the Honours program students must have a minimum grade of "B" in one of the following courses: 3 credit hour approved Written English course, ECON 1200, MATH 1300, MATH 1500, MATH 1700, STAT 1000, or STAT 2000; and a minimum grade of B in STAT 2400. All of these courses are program requirements and students are strongly urged to complete them in first year.

To graduate with the B. Sc. Honours degree, a student must achieve a minimum DGPA of 3.00 and a minimum grade of "C+" in each of the Honours Program Specific courses, and a minimum grade of "C" on all remaining courses that contribute to the 120 credit hours of the degree. See the Calendar entry for each of the Actuarial Mathematics program and the Department of Statistics for the Honours Program Specific courses.

Note: In order to receive course credit and examination exemptions from future Society of Actuaries (SoA) and VEE courses, students must obtain a grade of "B" in the following courses: ECON 1200, ACC 1100, FIN 2200, STAT 3470, and STAT 3490. Contact the Warren Centre for Actuarial Studies and Research for further information.

Recommended Electives:

ACT 4050, ACT 4150, ACT 4240; FIN 3410; COMP 1010; STAT 4630

UNIVERSITY 1	YEAR 2	YEAR 3 ²	YEAR 4
JOINT HONOURS 120 CREDIT HOURS			
ECON 1200 ⁶ (6) (C)	STAT 2400 (B), STAT 3400	STAT 3050, STAT 3480, STAT 3800	STAT 3470 ⁶ , STAT 3490 ⁶ , STAT 4100, STAT 4520, STAT 4530
MATH 1500 ¹ (C), MATH 1700 ¹ , MATH 1300 ¹	ACT 2020, ACT 2120,	ACT 2210, ACT 3130, ACT 3230, ACT 3530, ACT 4000	ACT 4060, ACT 4140, ACT 4340
STAT 1000, STAT 2000	ACC 1100 ^{3, 6} , FIN 2200 ^{3, 6}	MATH 2300 ⁴	MSCI 2150 ⁵
	MATH 2720 ¹ , MATH 2730 ¹		
6 credit hours from the Faculty of Arts, of which a grade of "C" must be obtained in at least 3 credit hours that satisfy the "W" requirement.	COMP 1260 ⁵		
3 credit hours of electives	3 credit hours of approved electives	3 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 MATH 1500 and MATH 1700. MATH 2750 may be taken in place of MATH 2720 and MATH 2730.

² It is strongly recommended that students take a minimum of 21 credit hours in YEAR 3

³ ACC 1100 and FIN 2200 may be taken in Year 2, 3 or 4; however, it is strongly recommended that these two courses be taken in Year 2 or 3. Note that ACC 1100 is a prerequisite for FIN 2200.

⁴ MATH 2352 (6) may be taken in place of MATH 2300 and may be taken in Year 2, 3 or 4

⁵ COMP 1260 and MSCI 2150 may be taken in Year 2, 3 or 4. Note that COMP 1260 is a prerequisite for MSCI 2150.

⁶ A minimum grade of "B" is required in these courses in order to satisfy the SoA, VEE credit / examination exemptions. See the Warren Centre for Actuarial Studies and Research for further information.

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

Collège universitaire de Saint-Boniface

Religion

Deletions:

RLGN 3391 L'église d'aujourd'hui Cr.Hrs. 6	-6
RLGN 2211 Psychologie de la religion Cr.Hrs. 6	-6
RLGN 1281 Fondements de la religion chrétienne Cr.Hrs. 6	-6

RLGN 1321 Introduction aux religions du monde Cr.Hrs. 6	-6
RLGN 2411 Les religions au Canada Cr.Hrs. 6	-6
RLGN 2231 Étude de l'Ancien testament Cr.Hrs. 6	-6
RLGN 2711 Étude du Nouveau testament Cr.Hrs. 6	-6
RLGN 3251 La religion et la pensée moderne Cr.Hrs. 6	-6

Introductions:

RLGN 1283 Le Christianisme ancien et médiéval Cr.Hrs. 3 +3
 Une étude des affirmations et des pratiques chrétiennes à partir de l'histoire du christianisme des son début jusqu'à la fin du moyen âge. On ne peut se faire créditer RLGN 1283 et RLGN 1281 (020.128).

RLGN 1285 Le Christianisme depuis la renaissance Cr.Hrs. 3 +3
 Une étude des affirmations et des pratiques chrétiennes à partir de l'histoire du christianisme de la Reforme Protestante jusqu'à présent. On ne peut se faire créditer RLGN 1285 et RLGN 1281 (020.128).

RLGN 1323 Introduction aux religions du monde I Cr.Hrs. 3 +3
 Un aperçu de l'histoire, les grandes idées et pratiques des grandes religions du monde à partir de leur littérature et les traditions : l'Hindouisme, le Bouddhisme, le Sikhisme, le Confucianisme et le Taoïsme. On ne peut se faire créditer RLGN 1323 et RLGN 1320 ou RLGN 1321 (020.132).

RLGN 1325 Introduction aux religions du monde II Cr.Hrs. 3 +3
 Un aperçu de l'histoire, les grandes idées et pratiques des grandes religions du monde à partir de leur littérature et les traditions : le judaïsme, le Christianisme, l'Islam et les traditions des Amériques et de l'Afrique. On ne peut se faire créditer RLGN 1325 et RLGN 1320 ou RLGN 1321 (020.132).

RLGN 2413 Les religions établies au Canada Cr.Hrs. 3 +3
 Un aperçu historique des institutions et groupes religieux établis avant le 19^e siècle, au Canada, notant comment ceux-ci répondent aux caractéristiques spéciales de la vie canadienne. L'étudiant(e) ne peut se faire créditer à la fois le RLGN 2413 et RLGN 2410 ou RLGN 2411 (020.241).

RLGN 2415 Les nouvelles religions du Canada Cr.Hrs. 3 +3
 Un aperçu historique et phénoménologique des nouvelles institutions et groupes religieux au Canada, visant comment ceux-ci répondent aux caractéristiques spéciales de la vie canadienne. On ne peut se faire créditer RLGN 2415 et RLGN 2410 ou RLGN 2411 (020.241).

RLGN 2161 Introduction à l'Ancien testament Cr.Hrs. 3 +3
 Un aperçu de l'histoire, de la littérature et des idées religieuses de l'Ancien Testament. On ne peut se faire créditer RLGN 2161 et RLGN 2231 (020.223) ou RLGN 2160 (020.216).

RLGN 2171 Introduction au Nouveau testament Cr.Hrs. 3 +3
 Un aperçu de l'histoire, de la littérature et des idées religieuses du Nouveau Testament. Donne au Collège universitaire de Saint-Boniface. On ne peut se faire créditer RLGN 2171 et RLGN 2170, ou RLGN 2711 (020.271).

RLGN 3131 La religion et la pensée moderne Cr.Hrs. 3 +3
 Étude des idées contenues dans certaines idéologies modernes telles que le marxisme, la théorie de l'évolution, les méthodes d'interprétation biblique, la psychologie moderne, l'athéisme et l'humanisme face à la religion. On ne peut se faire créditer à la fois le RLGN 3131 et RLGN 3251 (020.325) ou RLGN 3130 (020.313).

RLGN 3261 Les femmes et les religions Cr.Hrs. 3 +3
 Le contenu de ce cours variera d'année en année. Toutefois, il traitera de sujets particuliers d'intérêt courant en la religion et la femme, de certains aspects de méthodologie et d'interprétation, en tout ce qui concerne les rôles et les pensées des femmes dans les religions.

NET CHANGE IN CREDIT HOURS: -18

Science

Deletions :

MBIO 2101 Microbiologie générale A Cr.Hrs. 3 -3
 MBIO 2111 Microbiologie générale B Cr.Hrs. 3 -3

Introductions :

MBIO 1011 Microbiologie I Cr.Hrs. 3 +3
 (Labo requis) Le cours traitera de la définition et de l'histoire de la microbiologie, des concepts pratiques de la microbiologie, de la structure des cellules procaryotes, de l'expression des gènes spécifiques aux procaryotes, du transfert de l'information génétique, du rôle des microbes dans l'environnement incluant le corps humain, ainsi que des applications de la microbiologie dans la production des aliments et dans la biotechnologie. On ne peut se faire créditer MBIO 1011 et MBIO 1010 et les anciens MBIO 2101, MBIO 2100 (060.210), MBIO 2110 (060.211). Préalable ou concomitant : BIOL 1021.

MBIO 2021 Microbiologie II Cr.Hrs. 3 +3
 (Labo requis) Le cours traitera de la croissance bactérienne, de la réplication de l'ADN, des processus de la transcription et de la traduction ainsi que leurs rôles dans la régulation de l'expression génétique. Les familles des bactéries et de virus animaux, leurs modes de reproduction, leurs pouvoirs pathogènes seront discutés. L'introduction aux mutations et au transfert de gènes bactériens sera également discutée. On ne peut se faire créditer MBIO 2021 et MBIO 2020 et MBIO 2111 ou MBIO 2110 (060.211). Préalables : MBIO 1011 ou MBIO 1010 et une note minimale de C dans un de CHEM 1311, CHEM 1310 ou CHEM 1320 (002.132).

MBIO 3031 Microbiologie Cr.Hrs. 3 +3
 (Labo requis) Ce cours présentera une introduction à la croissance microbienne et aux approches génomiques utilisées pour l'analyse du métabolisme microbien. En utilisant ses outils, la physiologie de la paroi cellulaire microbienne, le transport, la mobilité ainsi que le métabolisme microbien en relation avec la production d'ATP, la respiration, la fermentation et la fixation du carbone seront discutés. On ne peut se faire créditer MBIO 3031 et MBIO 3030 et MBIO 2101 ou MBIO 2100 (060.210). Préalables : MBIO 1011, MBIO 1010 ou l'autorisation du professeur et une note minimale de C dans un de CHEM 1311, CHEM 1310 ou CHEM 1320 (002.132).

CHEM 3571 Chimie biophysique Cr.Hrs. 3

+3

L'application de la chimie physique aux problèmes biologiques avec l'emphase sur l'interprétation quantitative. Les sujets comprennent la cinétique enzymatique, la bioénergétique, les processus de transport ainsi que la spectroscopie. Préalables : CHEM 2361, CHEM 2360, MBIO 2361 ou MBIO 2360 (060.237) et MATH 1501 ou MATH 1500 ou équivalent. CHEM 2281 est recommandée.

Modifications :

MBIO 3011 Mécanismes des maladies microbiennes Cr.Hrs. 3

(Ancien 060.301) Étude des relations hôtes-parasites. Introduction à la réponse immunitaire, à la pathogénie microbienne, aux maladies virales, à la microbiologie clinique, à la santé publique et aux agents antimicrobiens. On ne peut se faire créditer à la fois avec les MBIO 3010 et MBIO 3010. Préalables : une note minimale de C dans MBIO 2021 ou MBIO 2020 ou MBIO 2100 ou MBIO 2101 (060.210) et une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237), CHEM 2371 ou CHEM 2370 (ou 002.237). Donne seulement au Collège universitaire de Saint-Boniface.

MBIO 3411 Biologie moléculaire Cr.Hrs. 3

(Ancien 060.341) Traitement rigoureux des bases de la biologie moléculaire moderne reliées à la maladie moléculaire, aux manipulations génétiques et cellulaires, ainsi qu'aux contrôles cellulaires. On ne peut se faire créditer MBIO 3411 et MBIO 3410. Préalables : une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237), CHEM 2371 (002.237), MBIO 2780 (002.278) et un des cours suivants (avec une note minimale de C); MBIO 2021, MBIO 2020 (MBIO 2111, MBIO 2110, 060.211), BIOL 2521, BIOL 2520 (ZOO 2281, ZOO 2280, 002.228), BIOL 2501 ou BIOL 2500 (BOTN 2461, BOTN 2460, 001.246). Donne seulement au Collège universitaire de Saint-Boniface.

MBIO 3451 Régulation des processus biochimiques Cr.Hrs. 3

(Ancien 060.345) Mécanismes de régulation de l'activité enzymatique, incluant l'allostérie, le contrôle de certaines routes biosynthétiques ou dégradatives sélectionnées, ainsi que la régulation de l'expression génétique. On ne peut se faire créditer MBIO 3451 et MBIO 3450. Préalables : une note minimale de C dans MBIO 2021, MBIO 2020 (MBIO 2111, MBIO 2110, 060.211), ou l'autorisation écrite de la professeure ou du professeur, et une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237), CHEM 2371 (002.237). Donne seulement au Collège universitaire de Saint-Boniface.

MBIO 3461 Biochimie membranaire cellulaire Cr.Hrs. 3

(Labo requis)(Ancien 060.346) Isolement, fractionnement, structure et fonction des membranes cellulaires et des composés subcellulaires. Mise en évidence du rôle central joué par ces éléments dans la biochimie des processus cellulaires. On ne peut se faire créditer MBIO 3461 et MBIO 3460. Préalables : une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237), CHEM 2371 (002.237). Donne seulement au Collège universitaire de Saint-Boniface.

MBIO 4541 Transduction de l'énergie biologique Cr.Hrs. 3

(Ancien 060.454) Biochimie des processus biologiques comportant l'interconversion des différentes formes d'énergie comme la phosphorylation oxydative, le transport dans les membranes et les processus de contractions. On ne peut se faire créditer MBIO 4541 et MBIO 4540. Préalables : une note minimale de C dans MBIO 2011 ou MBIO 2010 (MBIO 2111, MBIO 2110, 060.211) et une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237),

CHEM 2371 (002.237), ou l'autorisation écrite de la professeure ou du professeur. MBIO 3031 est recommandée. Donne seulement au Collège universitaire de Saint-Boniface.

MBIO 4601 Génétique moléculaire des procaryotes Cr. Hrs. 3
(Labo requis)(Ancien 060.460) Étude détaillée de la réplication, de l'expression, de la mutagenèse de la réparation de l'ADN ainsi que des éléments génétiques transposables des bactéries et des virus. On ne peut se faire créditer MBIO 4601 et MBIO 4600 et les anciens 060.452 ou 060.456. Préalables : une note minimale de C dans MBIO 2021, MBIO 2020 (MBIO 2111, MBIO 2110, 060.211), et une note minimale de C dans un de MBIO 2371, MBIO 2370 (060.237), CHEM 2371 (002.237). BIOL 2501 ou BIOL 2500 (BOTN 2461, BOTN 2460, 001.246) est recommandée. Donne seulement au Collège universitaire de Saint-Boniface.

NET CHANGE IN CREDIT HOURS: +6

Psychology

Introductions :

PSYC 3511 Psychologie industrielle et organisationnelle Cr. Hrs. 3 +3
(L'ancien 017.242) Ce cours offre une introduction aux concepts de base relatifs à la psychologie sociale qui n'ont pas été abordés dans le cours de PSYC 2410 (017.241) ou PSYC 2411 (017.241). On ne peut se faire créditer PSYC 3511 et PSYC 3510 (017.351). Préalable : [une note minimale de C dans le PSYC 1200 (017.120) ou le PSYC 1201 (017.120)] ou [une note minimale de C dans tous les deux PSYC 1211 (017.121) et PSYC 1221 (017.122)] ou l'autorisation écrite du professeur.

PSYC 2421 Psychologie sociale Cr.Hrs. 3 +3
Psychologie industrielle et organisationnelle. Examen des modèles théoriques contemporains et de la recherche portant sur les aspects psychologiques impliqués dans le comportement en milieu de travail. Les thèmes abordés incluent la sélection du personnel, les processus de groupes, la satisfaction, la productivité et la culture organisationnelle. On ne peut se faire créditer PSYC 2421 et PSYC 2420 (017.242). Préalable : [une note minimale de C dans le PSYC 1200 (017.120) ou l'ancien PSYC 1201 (017.120)] ou [une note minimale de C dans tous les deux PSYC 1211 (017.121) et PSYC 1221 (017.122)] ou l'autorisation écrite du professeur.

NET CHANGE IN CREDIT HOURS: +6

Spanish

Corrections to December 2009 Report :

SPAN 1191 Introduction à l'espagnol II Cr.Hrs. 3 +3
Deuxième partie du cours SPAN 1181 Introduction à l'espagnol, le cours SPAN 1191 se donne à la session d'hiver avec le même groupe d'étudiants qui ont suivi le cours SPAN 1181 à l'automne. Ce cours est destiné aux étudiants qui connaissent déjà l'alphabet, le système de sons espagnols, qui ont une compréhension élémentaire de la langue et qui maîtrisent les bases de la communication et de l'écriture équivalentes à celles qui seraient obtenues à la première session du cours SPAN 1181. On ne peut se faire créditer SPAN 1191 et SPAN 1181, SPAN 1180, SPAN 1190, SPAN 1280 ou les anciens TRAD 1181 ou 122.118 ou 044.118. Ce cours n'est pas disponible aux étudiants et les étudiantes qui ont déjà obtenu crédit en SPAN 1261, SPAN 1260, SPAN 1271 ou SPAN 1270 (044.127) ou SPAN 1290 ou les

anciens TRAD 1261 ou 122.126 ou TRAD 1271 ou 122.127 ou 044.126 ou 044.127. Préalable: [l'équivalent en Espagnol 40S] ou l'autorisation écrite du professeur.

SPAN 2591 Femmes et culture en Espagne et en Amérique latine Cr.Hrs. 3 +3
Panorama de la culture latino-américaine abordée à partir de la production féminine. On étudiera les œuvres des femmes et leurs conditions de production dans une perspective féministe et dans le cadre théorique des études culturelles. Ce panorama inclut divers pays et diverses époques, ainsi que différents types de production (littérature, cinéma, peinture, sculpture). Préalables : [Une note minimale de «C» dans le SPAN 1261 ou SPAN 1260 ou SPAN 1290 ou les anciens TRAD 1261 ou 122.126 ou 044.126] ou le consentement écrit du professeur.

SPAN 2671 Espagnol sujet spécial I Cr.Hrs. 3 +3
Le contenu de ce cours varie en fonction des besoins et des intérêts des étudiants et des professeurs. La formule du tutorat peut être utilisée. Le contenu du cours varie d'année en année. Puisque les contenus varient d'année en année et que le cours se crée selon les besoins des étudiantes et des étudiants, les étudiantes et les étudiants pourraient suivre ce cours plus d'une fois. Préalables : [Une note minimale de «C» dans le SPAN 1261 ou SPAN 1260 ou SPAN 1290 ou les anciens TRAD 1261 ou 122.126 ou 044.126] ou le consentement écrit du professeur.

Modifications :

SPAN 1181 Introduction à l'espagnol Cr.Hrs. 6
(Anciens 122.118 et TRAD 1181) Pour étudiantes et étudiants n'ayant aucune connaissance de l'espagnol ou n'en ayant qu'une connaissance minime. Accent mis sur le vocabulaire, la grammaire et l'acquisition d'aptitudes orales et écrites au moyen d'exercices divers et de pratique au laboratoire. Activités de laboratoire alternant avec des séances de conversation en groupes. La participation active est une exigence du cours. On ne peut se faire créditer SPAN 1181 (TRAD 1181) et SPAN 1180 (044.118), ou SPAN 1191, ou SPAN 1190 ou SPAN 1280. Les étudiants et les étudiantes qui ont déjà obtenu crédit en SPAN 1261 (TRAD 1261 ou 122.126) ou SPAN 1260(044.126), ou SPAN 1271 (TRAD 1271 ou 122.127) ou SPAN 1270 (044.127) ou en SPAN 1290 ne peuvent pas suivre ce cours. Les étudiantes et les étudiants dont l'espagnol est la langue maternelle et ceux qui possèdent déjà les crédits du cours d'espagnol de secondaire 12e année ou l'équivalent ne peuvent s'inscrire à ce cours.

SPAN 1261 Espagnol intermédiaire Cr.Hrs. 3
(L'ancien 122.126 et TRAD 1261) Révision intensive de la grammaire et du vocabulaire étudiés en SPAN 1181 (TRAD 1181) (SPAN 1180) ou en Espagnol 40S. Pratique et perfectionnement des connaissances en classe et au laboratoire. On ne peut se faire créditer à la fois le SPAN 1261 (TRAD 1261) et les SPAN 1260 (044.126) ou SPAN 1280 ou SPAN 1290. Préalable: [au moins "C" dans le SPAN 1181 (TRAD 1181) (122.118) ou SPAN 1191 (ou en SPAN 1180 (044.118) ou SPAN 1191] ou [l'équivalent en Espagnol 40S] ou l'autorisation écrite du professeur. Donné au Collège universitaire de Saint-Boniface.

NET CHANGE IN CREDIT HOURS: 0

Sociology & Criminology

Corrections to December 2009 report:

SOC 3331 Origines de la pensée sociologique Cr.Hrs. 3

Introduction systématique a la pensée sociologique, de ses origines philosophiques jusqu'au milieu de XIXe siècle. Examen de la pensée sociale qui deviendra la base de la théorie sociologique. On ne peut se faire créditer SOC 3331 et SOC 3330 (077.333). Préalables : une note minimale de C dans un des SOC 1200 (ancien 077.120), ou les SOC 1211 (ancien 077.121) et SOC 1221 (ancien 077.122) ou l'ancien SOC 1201 et une note minimale de C dans SOC 2221 ou SOC 2220 (077.222).

SOC 3391 Théories sociologiques contemporaines Cr.Hrs. 3

Comparaison systématique des théories sociologiques contemporaines. Évolution compétitive des diverses écoles en sociologie et surtout l'apport des théoriciens les plus importants. On ne peut se faire créditer SOC 3391 et SOC 3390 (077.359). Préalables: une note minimale de C dans un des SOC 1200 (ancien 077.120), ou les SOC 1211 (ancien 077.121) et SOC 1221 (ancien 077.122) ou l'ancien SOC 1201 et une note minimale de C dans SOC 2221 ou SOC 2220 (077.222).

NET CHANGE IN CREDIT HOURS: 0

Philosophy

Modification :

PHIL 1321 Introduction a la logique Cr.Hrs. 6

(L'ancien 015.132) Ce cours a pour but d'aider les étudiants à penser clairement et de manière critique, à présenter, à défendre et à évaluer les arguments. Le cours traite de la logique catégorique, des sophismes non-formels, de la définition, de la logique symbolique moderne et de la méthode scientifique. L'étudiant(e) qui a obtenu des crédits pour les cours PHIL 2430 (015.243) et PHIL 3750 (015.375) ne sont pas autorisés à suivre ce cours. L'étudiant(e) qui détient les crédits du PHIL 1321 (015.132) ne peut se faire créditer aucun des cours PHIL 1320 (015.132) ou PHIL 1291 ou PHIL 1290 (015.129) ou PHIL 1330 (015.133).

NET CHANGE IN CREDIT HOURS: 0

SENATE COMMITTEE ON CURRICULUM AND COURSE CHANGES – 2010/2011

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

	Fall Deadline	SPPC meeting	Spring Deadline	Senate Exec meeting	Senate meeting
Curriculum/Course changes < 9 CH	September 17, 2010 <i>Submitted to SCCCC only</i>			November 20, 2010	December 1, 2010
Curriculum/Course changes > 9 CH or with resource implications	August 20, 2010 <i>Submitted to SCCCC <u>and</u> SPPC</i>	September 27, 2010		October 22, 2010	November 3, 2010
Curriculum/Course changes < 9 CH			February 18, 2011	May 6, 2011	May 18, 2011
Curriculum/Course changes > 9 CH or with resource implications					

Note:

1. Items to be included in the General Calendar must be submitted for the fall round of meetings.
2. 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.
3. The submission of new undergraduate programs 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 the above date to consider proposals from the Asper School of Business, Masters of Physician Assistant Studies, and Depts. of Family Social Sciences, Human Anatomy & Cell Sciences, and Oral Biology.

Observations

1. The Asper School of Business proposes the modification of one course, MIS 7330 Theory of Information Systems (3) to add to the course description that the course is not offered every year.
2. The Masters of Physician Assistant Studies proposes the deletion of three courses, PAEP 7062 Adult Medicine for Physician Assistants I (4), PAEP 7064 Adult Medicine for Physician Assistants II (4), PAEP 7066 Adult Medicine for Physician Assistants III (4), and the introduction of two courses PAEP 7070 Adult Medicine for Physician Assistants II (6) and PAEP 7068 Adult Medicine for Physician Assistants I(6). Previously, the Adult Medicine course sequence was delivered as three, 4-credit hour courses, but is proposed to be delivered as two, 6-credit hour courses to delay the introduction of this clinical material from semester 1 of year 1 to semester 2 of year 1 as the students are not ready for such intensive clinical material in their first semester.
3. The Dept. of Family Social Sciences, Faculty of Human Ecology, proposes the introduction of two courses, FMLY 7002 Family Social Sciences Seminar I (0) and FMLY 7004 Family Social Sciences Seminar II (0), to prompt students to commence working on the thesis earlier, during their first term in the department.
4. The Dept. of Human Anatomy & Cell Science, Faculty of Medicine, proposes the deletion of one course, ANAT 7270 Neuroscience 1 (6), and the introduction of one course, ANAT 7260 Human Neuroanatomy (3), to focus specifically on Human Neuroanatomy and therefore attract a wider range of graduate students engaged in neuroscience

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

research. (Note: existing course IMED 7100 teaches the fundamental principles of neuroscience, essentially "picking up" the curriculum dropped by ANAT 7270.)

5. The Dept. of Oral Biology, Faculty of Dentistry, proposes the introduction of two courses, ORLB 7150 Mechanisms of Oral and Maxillofacial Diseases (3) and ORLB 7160 Neurophysiology of Pain (3), due to research expertise in the department and the increasing interest of graduate students associated with the research and clinical based graduate program in Dentistry.

Recommendations

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

Asper School of Business
Masters of Physician Assistant Studies
Dept. of Family Social Sciences
Dept. of Human Anatomy & Cell Sciences
Dept. of Oral Biology

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee

Asper School of Business

Course Modification

MIS 7330 Theory of Information Systems (3) +0

(Formerly 009.733) Study of the evolution of information systems theory and practice, technological impacts on information systems development, present status of information system theory and practice, and future trends in information systems development. Not offered every year.

NET CHANGE IN CREDIT HOURS: +0

Masters of Physician Assistant Studies

Course Deletion

PAEP 7062 Adult Medicine for Physician Assistants I	-4
PAEP 7064 Adult Medicine for Physician Assistants II	-4
PAEP 7066 Adult Medicine for Physician Assistants III	-4

Course Introduction

PAEP 7068 Adult Medicine for Physician Assistants I	+6
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A comprehensive, system-based introduction to the clinical disciplines of medicine. Adult Medicine I is the first part of a 2-course sequence; content areas include endocrinological, gastrointestinal and neurological, medicine, ophthalmology, and hematology/oncology.

PAEP 7070 Adult Medicine for Physician Assistants II	+6
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A comprehensive, system-based introduction to the clinical disciplines of medicine. Adult Medicine II is the second part of a 2-course sequence; content areas include cardiovascular, musculoskeletal, renal, dermatologic and respiratory medicine, and otolaryngology.

NET CHANGE IN CREDIT HOURS: +0

Dept. of Family Social Sciences

Course Introductions

FMLY 7002 Family Social Sciences Seminar I (0)	+0
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A monthly interdisciplinary seminar on current issues in Family Social Sciences, involving presentations by faculty and invited speakers from inside and outside the University of Manitoba. Attendance and participation is required for Family Social Sciences students during their first year of their master's program. Course graded Pass/Fail.

FMLY 7004 Family Social Sciences Seminar II (0)	+0
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A monthly interdisciplinary seminar on current issues in Family Social Sciences, involving presentations by faculty and invited speakers from inside and outside the University of Manitoba. Attendance and participation is required for Family Social Sciences students during their first year of their master's program. Course graded Pass/Fail.

NET CHANGE IN CREDIT HOURS: +0

Dept. of Human Anatomy & Cell Sciences

Course Deletion

ANAT 7270 Neuroscience I (6) -6

Course Introduction

ANAT 7260 Human Neuroscience (3) +3

A comprehensive neuroanatomical study of the human brain and spinal cord. The structure and function of the nervous system will be covered through lectures complemented by laboratory sessions with dissection of the brain and examination of models.

NET CHANGE IN CREDIT HOURS: -3

Dept. of Oral Biology

Course Introductions

ORLB 7150 Mechanisms of Oral and Maxillofacial Diseases (3) +3

This course deals with the molecular pathology of the oral cavity and maxillofacial complex.

ORLB 7160 Neurophysiology of Pain (3) +3

The course examines the peripheral and central mechanisms associated with pain. Endogenous pain control systems and the pharmacological treatment of pain will also be covered.

NET CHANGE IN CREDIT HOURS: +6

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 the above date to consider proposals from the Dept. of Interior Design, Master of Physician Assistant Studies, Natural Resources Institute, and Faculty of Graduate Studies.

Observations

1. The Dept. of Interior Design, Faculty of Architecture, proposes the introduction of one course, **IDES 7270 Travelling Concepts in Photography (3)**. The course has been offered as a special topics course for the past two years. Due to significant student interest, there is a need to include it as a regular offering from the department.
2. The Master of Physician Assistant Studies (MPAS), Faculty of Medicine, proposes the introduction of one course, **PAEP 7212 External Electives for Physician Assistant Students (0)**. This course provides clinical learning opportunities to students from MPAS at other institutions, subject to availability of teaching resources. University of Manitoba students benefit from having access to such opportunities at other institutions.
3. The Natural Resources Institute proposes the modification of one course, **NRI 7190 Natural Resources Administration and Law (3)** to provide a more detailed course description and indicate that the course is cross-listed with LAW 3980.
4. The Faculty of Graduate Studies proposes the deletion of one course, **GRAD 7040 M.Eng. Project and Report (3)**. Currently a six (6) credit hour version of this course exists (GRAD 7050). All departments offering a Masters of Engineering (M.Eng.) require a student to register in 6 credit hours of the M.Eng project and report (the program's capstone exercise). This course should be deleted to avoid registration confusion.

Recommendations

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

Dept. of Interior Design
Master of Physician Assistant Studies
Natural Resources Institute
Faculty of Graduate Studies

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Executive Committee

Dept. of Interior Design

Course Introduction

IDES 7270 Travelling Concepts in Photography (3)

This course is a graduate level photography elective that combines the practice, theory and history of photography. The outcome is to stimulate the use of photography as a visionary and hands-on tool. The final outcome will be an exhibition of student work.

NET CHANGE IN CREDIT HOURS: +3

Master of Physician Assistant Studies

Course Introduction

PAEP 7212 External Electives for Physician Assistant Students (0)

A clinical rotation of varying length designed to provide a physician assistant student not from the University of Manitoba with clinical education and training in a medical discipline of the student's choice at a University of Manitoba clinical teaching unit. Course credit is assigned by the student's home institution.

NET CHANGE IN CREDIT HOURS: 0

Natural Resources Institute

Course Modification

NRI 7190 Natural Resources Administration and Law (3)

The objective of this course is to explore the legal frameworks and processes in Canada related to natural resource management. After a general review of the Canadian legal system with a particular focus on administrative law, national and international regulatory frameworks related to the ownership and disposition of specific natural resources are explored. Through class discussion, case studies and presentations, the law governing the use and development of natural resources is examined and critiqued. This course is cross-listed with LAW 3980 "Natural Resources Law."

NET CHANGE IN CREDIT HOURS: 0

Faculty of Graduate Studies

Course Deletion

GRAD 7040 M.Eng. Project and Report (3)

NET CHANGE IN CREDIT HOURS: -3

REPORT OF THE SENATE COMMITTEE ON AWARDS

Preamble

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

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

Observations

At its meeting of April 5, 2010, the Senate Committee on Awards approved twenty-two new offers, twenty-seven amended offers, and the withdrawal of four offers, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated April 5, 2010).

Recommendations

On behalf of Senate, the Senate Committee on Awards recommends that the Board of Governors approve twenty-two new offers, twenty-seven amended offers, and the withdrawal of four offers, as set out in Appendix A of the *Report of the Senate Committee on Awards* (dated April 5, 2010). 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

Appendix A
MEETING OF THE SENATE COMMITTEE ON AWARDS
April 5, 2010

1. NEW OFFERS

Advanced Degree Education Scholarship in Medicine

An endowment fund has been established at the University of Manitoba to provide scholarships for physicians engaged in post-graduate education, who wish to develop their careers including but not limited to the areas of medical education, epidemiology and biostatistics, biomedical research, or management.

The available annual income from the fund will be used to offer three scholarships, valued at \$35,000 each, to students who:

- (1) Are students or members of the Faculty of Medicine in any years of study, post graduate or continuing professional development enrolled in advanced degree courses in any faculty or school of the University of Manitoba;
- (2) Have a record of successful post-secondary achievement;
- (3) Have demonstrated how their current program of study will develop them for a career in medicine including but not limited to one of the following areas: medical education (including simulation), epidemiology with biostatistics, biomedical research, or management (including business qualifications, leadership, and quality and safety).

Candidates will be required to submit (i) a current transcript(s), (ii) a curriculum vitae, (iii) three letters of reference from professors at a post-secondary institution, (iv) a description of the program in which they are enrolled, and (v) an essay (maximum 500 words) outlining how the Advanced Degree Education Scholarship in Medicine will develop them for a career in academic medicine.

Recipients may hold the Advanced Degree Education Scholarship in Medicine concurrently with any other awards, consistent with policies in the University of Manitoba.

The Dean of the Faculty of Medicine and the Dean of the Faculty of Graduate Studies will jointly name the selection committee. The Committee will be chaired by one of the members nominated by the Dean of the Faculty of Medicine.

Those students who are brought forward from the Faculty of Medicine for the scholarship and who enroll in programs managed academically by the Faculty of Graduate Studies will report in keeping with University policy.

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.

V.E. Barber Memorial Fellowships in Arctic Research

Dr. David Barber and Mr. Doug Barber have established an endowment fund at the University of Manitoba, in honour of their father, V.E. Barber, a strong supporter of science and an amateur historian and naturalist. The fund has been established with monies raised from the sale of their book: *Two Ways of Knowing*, developed during the International Polar Year – Circumpolar Flaw Lead (IPY-CFL) project. The fund will be used to support graduate students conducting thesis

research pertaining to the Arctic. The available annual interest from the fund will be used to offer one or more scholarships to students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies, in a Masters or Doctoral program delivered by a unit in the Clayton H. Riddell Faculty of Environment, Earth, and Resources;
- (2) have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study;
- (3) are undertaking or have proposed to undertake thesis research pertaining to the Arctic.

The selection committee will have the discretion to determine the number and value of awards based on the available funding.

Candidates will be required to submit an application that will consist of a description of their proposed or ongoing research (maximum 500 words), a current academic transcript(s), and two academic letters of reference from professors at a post-secondary institution.

Recipients may hold the V.E. Barber Memorial Fellowships in Arctic Research concurrently with any other awards, consistent with policies in the Faculty of Graduate Studies.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Clayton H. Riddell Faculty of Environment, Earth, and Resources (or designate) to name the selection committee for this award.

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

Doris Benson Scholarship in Drama

Doris Benson has established a fund at The Winnipeg Foundation to provide scholarships for students in the Theatre Program in the Department of English, Film, and Theatre at the University of Manitoba. Each year, The Winnipeg Foundation will report the available earnings from the fund to Financial Aid and Awards at the University of Manitoba. The available earnings from the fund will be used to offer six scholarships, of equal value, to undergraduate students who:

- (1) are enrolled full-time in the Faculty of Arts, in the Bachelor of Arts (Advanced) in Drama, Bachelor of Arts (General) in Drama, or any other Bachelor of Arts degree with a declared Theatre (Minor);
- (2) have achieved a minimum degree grade point average of 3.5;
- (3) who have demonstrated significant potential, based on the volume and quality of work, in at least one of the following four areas: (i) dramaturgy, playwriting, or critical / scholarly work; (ii) direction of one or more dramatic productions; (iii) onstage performance work as an actor; (iv) backstage production work (e.g. as a stage manager, set, costume, lighting, or sound designer, or as a props coordinator) or 'front-of-house' production work.

Preference will be given to students who have demonstrated potential in musical theatre, in any one or more of the areas listed in criterion (3).

The selection committee will be named by the Coordinator of the Theatre Program (or designate).

Canadian Dental Association Student Leadership Award

The Canadian Dental Association offers an annual award of \$1,000 and a certificate for a student in the Faculty of Dentistry at the University of Manitoba, who may be expected to become a leader in the dental profession, the dental community, and society at large. The prize will be offered to the student who:

- (1) has successfully completed the requirements for the Doctor of Dental Medicine, with a minimum degree grade point average of 3.5;
- (2) over the course of the degree program, has shown the most outstanding qualities of leadership and character.

The selection committee will be the Awards Committee of the Faculty of Dentistry.

Dr. Henry Duckworth, 10th Chancellor - Emergency Loan Fund

Dr. Henry Duckworth has established an endowment fund, with an initial value of \$62,370, at the University of Manitoba. The fund will be used to provide emergency loans to students who require immediate financial assistance, to address needs related to their studies and/or general living expenses, while they are pursuing post-secondary education at the University of Manitoba. The available annual income from the fund will be used to offer a variable number of emergency loans to students who:

- (1) are enrolled full-time, in any year of study, in any Faculty or School at the University of Manitoba;
- (2) have achieved a minimum degree grade point average of 2.0 (or equivalent) and are in good academic standing;
- (3) have completed the standard University of Manitoba emergency loan application and have outlined their emergency situation during an interview with the Director of Financial Aid and Awards (or designate).

Repaid funds will be available for offer on a "revolving fund" basis.

The selection of eligible student recipients shall accord with the guidelines established from time to time for the University of Manitoba's student emergency bursary funds.

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.

Dr. John M. Embil Award for Excellence in Clinical Infectious Diseases

Dr. John M. Embil has established an endowment fund at the University of Manitoba, with a gift of \$10,000, in 2009. The purpose of the fund is to encourage interest in, and to recognize excellence in, the study of infectious disease. Dr. Embil has also provided a gift of \$2,000, in 2009, to offer the initial two awards, valued at \$1,000 each, for the 2009 -2010 and the 2010 – 2011 academic sessions. In subsequent years, the value of the prize will be equivalent to the available interest from the fund. Each year, one convocation prize will be offered to a student who:

- (1) has successfully completed the requirements of the Undergraduate Medical Education Program in the Faculty of Medicine and is in good standing;

- (2) has demonstrated a commitment to the field of infectious diseases and is judged by the selection committee to have future potential in this field.

Examples of commitment to the field of infectious diseases include but are not limited to:

- (a) research: B.Sc.(Med.) projects, research projects outside of the B.Sc.(Med.) program, preparation of case reports or review articles; and
- (b) clinical activities: local, national, or international.

Candidates must submit an application that includes (i) a statement (maximum 500 words) describing their commitment to the area of infectious diseases; (ii) two letters of reference from faculty members who are familiar with their accomplishments in the field of infectious disease; and (iii) a current *Curriculum vitae*.

The selection committee will be named by the Dean of the Faculty of Medicine (or designate) and will include a member of the Embil family (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.

Enbridge Manitoba Archaeology Award

In celebration of the completion of the Albert Clipper Project, and to recognize the value of supporting this type of endeavour, Enbridge Pipelines Inc. has provided \$20,000 to offer the Enbridge Manitoba Archaeology Award at the University of Manitoba, in the 2010 – 2011 academic session. The purpose of the Award is to support Anthropology graduate students who are studying Manitoba's past peoples and to promote Manitoba archaeology. Two scholarships, valued at \$10,000 each, will be offered to graduate students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies, in either the M.A. in Anthropology or the Ph.D. in Anthropology;
- (2) have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study;
- (3) are undertaking or have proposed to undertake archaeological thesis research, in the Province of Manitoba, that will enhance the understanding of Manitoba's past (Precontact or Historic periods).

Candidates will be required to submit an application that will consist of a description of their proposed or ongoing research (maximum 500 words), a current academic transcript(s), and two academic letters of reference from professors at a post-secondary institution.

Recipients may hold the Enbridge Manitoba Archaeology Award concurrently with any other awards, consistent with policies in the Faculty of Graduate Studies.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Anthropology (or designate) to name the selection committee, which will include the Chair of the Graduate Programs Committee of the Department of Anthropology.

Étienne Gaboury Bursary in Architecture

In celebration of the life work of Dr. Étienne Gaboury (B.Arch./58) and his commitment to design and society, his friends have established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The purpose of the

fund is to support students pursuing graduate studies in Architecture. The available annual income from the fund will be used to offer one bursary to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in the first year of the Master of Architecture degree program;
- (2) has achieved a minimum degree grade point average of 3.0 (or equivalent) based on the last 60 credit hours of study;
- (3) has demonstrated financial need on the University of Manitoba general bursary application form.

The Dean of the Faculty of Architecture (or designate) will 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.

Graduate Nursing Students Association Scholarship

The Graduate Nursing Students Association (GNSA) offers \$10,000, from time-to-time, to offer four scholarships valued at \$2,500 each to graduate Nursing students at the University of Manitoba. The purpose of the Scholarships is to support graduate Nursing students in their pursuit of advanced education by providing financial assistance. The Scholarships also promote excellence in nursing, in academic and clinical settings, by acknowledging and encouraging academic excellence and strong leadership abilities.

The GNSA will notify Financial Aid and Awards by September 1st each year, to advise if funding is available to offer the scholarships. In any year that funds are available, the scholarships will be disbursed as follows.

One scholarship will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in the Master of Nursing, Nurse Practitioner stream;
- (2) has achieved a minimum sessional grade point average of 3.5 (or equivalent) in the previous year of study;
- (3) has demonstrated nursing leadership in the graduate program, in previous and/or current employment positions, and /or in the community at large.

One scholarship will be offered to a graduate student who:

- (1) is enrolled part-time in the Faculty of Graduate Studies, in the Master of Nursing, Nurse Practitioner stream;
- (2) has achieved a minimum sessional grade point average of 3.5 (or equivalent) in the previous year of study;
- (3) has demonstrated nursing leadership in the graduate program, in previous and/or current employment positions, and /or in the community at large.

One scholarship will be offered to a graduate student who:

- (1) is enrolled full-time in the Faculty of Graduate Studies, in the Master of Nursing, in the Major stream;

- (2) has achieved a minimum sessional grade point average of 3.5 (or equivalent) in the previous year of study;
- (3) has demonstrated nursing leadership in the graduate program, in previous and/or current employment positions, and /or in the community at large.

One scholarship will be offered to a graduate student who:

- (1) is enrolled part-time in the Faculty of Graduate Studies, in the Master of Nursing, in the Major stream;
- (2) has achieved a minimum sessional grade point average of 3.5 (or equivalent) in the previous year of study;
- (3) has demonstrated nursing leadership in the graduate program, in previous and/or current employment positions, and /or in the community at large.

Candidates must submit an application that includes (a) a copy of their student academic history (certified transcript not required), (b) a letter outlining how they meet the requirements set out in criterion (3), and (c) one letter of reference to corroborate their leadership capabilities.

Recipients will be chosen based on the strength of their application, as determined by the selection committee. Where two or more candidates are otherwise considered to be equal, the Scholarship will be offered to the candidate who has achieved the highest degree grade point average (or equivalent) based on the last 60 credit hours. In the event that two or more of these candidates are also tied with respect to degree grade average, the Scholarship will be divided equally among these candidates.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Chair of the Graduate Studies Committee of the Faculty of Nursing to convene the selection committee for this award.

James B. Hartman Graduate Scholarship in Philosophy

Dr. James B. Hartman has made a bequest to the University of Manitoba to establish an endowment fund to offer awards for Philosophy students. The available annual interest from the fund will be used to offer the James B. Hartman Graduate Scholarship in Philosophy and / or the James B. Hartman Undergraduate Scholarship in Philosophy (Award #00000). One or more graduate scholarships, with a minimum value of \$1,000 each, will be offered to students:

- (1) in the Faculty of Graduate Studies who are enrolled (i) full-time in the first or second year of the Master's in Philosophy or (ii) full-time or part-time in the pre-Master's in Philosophy;
- (2) who have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours of study.

The selection committee will have the discretion to determine the number and value of awards offered each year, with the provision that the minimum value of each award will be \$1,000.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Philosophy (or designate) to name the selection committee for this award.

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

James B. Hartman Undergraduate Scholarship in Philosophy

Dr. James B. Hartman has made a bequest to the University of Manitoba to establish an endowment fund to offer awards for Philosophy students. The available annual interest from the fund will be used to offer the James B. Hartman Graduate Scholarship in Philosophy (Award #00000) and / or the James B. Hartman Undergraduate Scholarship in Philosophy.

Each year, after the James B. Hartman Graduate Scholarship in Philosophy has been offered, the balance of the available annual interest from the fund will be used to offer one or more undergraduate scholarships to students who:

- (1) have completed at least 72 credit hours toward a Bachelor of Arts (Advanced) or Bachelor of Arts (Honours) degree in Philosophy;
- (2) have achieved a minimum degree grade point average of 3.5;
- (3) in the next ensuing academic session are enrolled full-time in the Faculty of Arts, in Bachelor of Arts (Advanced) or Bachelor of Arts (Honours) degree in Philosophy.

The selection committee will have the discretion to determine the number and value of awards offered each year.

The Head of the Department of Philosophy (or designate) will name the selection committee for this award.

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

Walter and Bernice Hornibrook Bursary

Mrs. Bernice Hornibrook has made a bequest to the University of Manitoba to establish an endowment fund in her name and that of her husband, Dr. Walter Hornibrook [B.Sc.(Hons.)/38]. The fund will be used to offer bursaries to students from low-income families who are majoring in the sciences. The available income from the fund will be used to offer full-tuition bursaries (including ancillary and incidental fees), with a minimum of two, to undergraduate students who:

- (1) have successfully completed the first year of full-time study at the University (minimum of 24 credit hours), in any faculty or school;
- (2) in the next ensuing academic session, are enrolled full-time in the second year of study in any faculty or school, and have declared a major in a discipline in the sciences;
- (3) have achieved a minimum degree grade point average of 3.5;
- (4) have demonstrated financial need and that they are a dependent student from a low-income family based on a government student loan assessment from their home province and completion of the standard University of Manitoba bursary application form.

In any given year that funds remain after the full-tuition bursaries have been offered, the balance of the income will be used to offer one or more additional bursaries to students who meet the criteria set out above. The selection committee will have the discretion to determine the number and value of bursaries offered, with the proviso that the maximum amount will not exceed the recipient's full tuition fees (including ancillary and incidental fees).

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.

Internationally Educated Teachers Bursary

Various donors to the Faculty of Education have established a fund that will be used to offer, from time-to-time, bursaries to support students in the program currently known as the Academic and Professional Bridging Program for Internationally Educated Teachers. In any given year that there are funds available, one or more bursaries will be offered to students who:

- (1) have met the requirements for admission to the Academic and Professional Bridging Program for Internationally Educated Teachers (IET Program);
- (2) are enrolled full-time (as defined by the program) in the IET Program;
- (3) have demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will have the discretion to determine the number and value of awards offered each year based on the available funding.

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

Bill and Helen Norrie Bursary

Dr. William Norrie [B.A./50, LL.B./55, LL.D. (University of Winnipeg), LL.D. (University of Manitoba), P.M.D.(PLM) (Hon.)] and Mrs. Helen Norrie (B.A./53, B.Ped./54, B.Ed./73, M.Ed./86) have established an endowment fund at the University of Manitoba, with an initial gift of \$10,000 in 2010. The Manitoba Scholarship and Bursary Initiative has made a contribution to the fund. The fund will be used to provide bursaries for students in the Inner City Social Work program at the William Norrie Centre. The available annual interest from the fund will be used to offer one or more bursaries to undergraduate students who:

- (1) are enrolled full-time in the Faculty of Social Work, in the Inner City Social Work (B.S.W.) program at the William Norrie Centre;
- (2) (i) as entering students, have met the requirements for admission to the Inner City Social Work (B.S.W.) program or (ii) as continuing students have achieved a minimum degree grade point average of 2.5;
- (3) have demonstrated financial need on the University of Manitoba general bursary application form.

The selection committee will have the discretion to determine the number and value of bursaries offered each year based on the funds available.

The selection committee will be named by the Dean of the Faculty of Social Work (or designate) and will include the Director of the Inner City Social Work ACCESS program.

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.

Pharmacy Class of 2009 – Passion and Commitment Award

The Pharmacy Class of 2009 has made a gift of \$5,000 to the University of Manitoba, to offer an annual prize to a Pharmacy graduand who has demonstrated both academic excellence and an outstanding commitment to the University or broader community. Beginning in the 2009 – 2010 academic session, one prize of \$250 will be offered for a period of 20 years. The prize will be offered to a student who:

- (1) has successfully completed the requirements for the Bachelor of Science in Pharmacy, with a minimum degree grade point average of 3.0;
- (2) has, through the course of his or her degree studies, a strong record of community service within the broader community, the Faculty of Pharmacy, and /or the University.

Preference will be given to candidates who have a strong record of community service beyond the Faculty of Pharmacy.

Community service includes, but is not limited to, volunteer work with health care initiatives, community sports programs and other charitable organizations, and membership on University and other committees.

Nominations will be invited from students, faculty, and staff of the University of Manitoba and members of the community. Nominations must be accompanied by a description and explanation of the candidate's community service activities, the candidate's specific roles and responsibilities over the previous four years and the resulting outcomes with reference to the selection criterion (maximum 500 words).

The selection committee will be the Faculty of Pharmacy Awards Committee.

William O. and Erna Pruitt Graduate Bursary

Dr. William O. Pruitt Jr. has established an endowment fund at the University of Manitoba, with an initial gift of \$75,000 in 2009. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. The fund commemorates Dr. Pruitt's extensive and highly successful academic and research career at the University of Manitoba and his many contributions to understanding the boreal forest ecosystem. The available annual interest from the fund will be used to offer one or more bursaries to graduate students who:

- (1) are enrolled full-time in the Faculty of Graduate Studies, at the University of Manitoba, in any Master's or Doctoral program offered by the Faculty of Science;
- (2) are undertaking or have proposed to undertake research in the natural history of the boreal forest;
- (3) have achieved a minimum degree grade point average of 3.0 based on the last 60 credit hours of study;
- (4) have demonstrated financial need on the standard University of Manitoba Bursary application form.

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

The selection committee will be named by the Dean of the Faculty of Science (or designate) and should be composed of three field oriented biologists.

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.

Katherine May Quilliam Memorial Scholarship

In memory of Katherine May Quilliam (A.M.M./70), who was involved in music education all her life, an endowment fund of \$100,080 has been established (in 2010) through a bequest left by her husband, Leonard Quilliam. The fund will provide scholarship support in the Marcel A. Desautels Faculty of Music at the University of Manitoba. One scholarship valued at the available annual income from the fund will be offered to a student who:

- (1) is entering the Marcel A. Desautels Faculty of Music at the University of Manitoba as a full-time student and has met all requirements for direct entry to the program;
- (2) is the most deserving entering student in the Piano major as determined through audition and selected by the Marcel A. Desautels Faculty of Music scholarship committee.

The scholarship is renewable provided that the recipient maintains a 3.0 sessional grade point average, proceeds into the next year of study as a full-time student and remains in the Piano major. A new recipient will be selected when the current recipient graduates. In the event that a recipient does not meet the criteria for renewability, a new recipient will be selected in that year.

The selection committee for this scholarship will be named by the Dean of the Marcel A. Desautels Faculty of Music (or designate).

Otto R. and Sara Schultz and Justice Ivan Schultz Bursary

In honour of her parents, Otto R. Schultz and Sara Schultz (nee Sigvaldson), and her uncle, Justice Ivan Schultz, Margaret Chambers has established an endowment fund at the University of Manitoba with an initial gift of \$30,501.84. The fund will be used to support students from rural Manitoba who pursue studies in the Clayton H. Riddell Faculty of Environment, Earth, and Resources. The available annual income from the fund will be used to offer one bursary to an undergraduate student who:

- (1) is enrolled full-time, in any year of study, in a baccalaureate degree program delivered by the Clayton H. Riddell Faculty of Environment Earth and Resources;
- (2) has achieved a minimum degree grade point average of 3.0;
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

Preference will be given to a student who is a graduate of a high school in rural Manitoba (i.e., outside of the City of Winnipeg).

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.

Alec Tadman, C.A., F.C.A. Memorial Bursary

In memory of Alec Tadman, C.A., F.C.A., May Tadman Tallman has established an annual bursary for Accounting students in the I.H. Asper School of Business at the University of Manitoba. The Jewish Foundation of Manitoba, which holds the capital used to generate the annual amount for the bursary, will confirm the bursary value with Financial Aid and Awards at the University on an annual basis. One bursary will be offered to an undergraduate student who:

- (1) is enrolled full-time in the I.H. Asper School of Business, in the Bachelor of Commerce (Honours) degree and has declared Accounting as his or her major;
- (2) has achieved a minimum degree grade point average of 2.0;
- (3) has demonstrated financial need on the standard University of Manitoba bursary application form.

The selection committee will be named by the Dean of the I.H. Asper School of Business (or designate).

Whitmore – Becker Scholarship in Medicine

Dr. Edna Becker has established an endowment fund at the University of Manitoba, with an initial gift of \$75,622.32 in 2009. The fund will be used to offer a renewable entrance scholarship for students in the Faculty of Medicine. The available annual income from the fund will be used to offer one entrance scholarship to a student who:

- (1) has been admitted to the first year of the Undergraduate Medical Education Program in the Faculty of Medicine;
- (2) has declared rural status in the supplementary application to the Faculty and has scored high on the Faculty's rurality index;
- (3) has the highest composite score of all applicants eligible for the scholarship.

The entrance scholarship will be offered quadrennially.

The award is renewable in each of the second, third, and fourth years of study, provided that the recipient:

- (1) continues to be enrolled full-time in the Undergraduate Medical Education Program in the Faculty of Medicine;
- (2) is in good academic and professional standing.

In any given year that a recipient does not qualify for the renewal, the scholarship will be offered to an entering student who meets criteria (1) through (3), as set out in the first paragraph.

The state of the fund supporting the scholarship will be reviewed from time-to-time and, if either or both of further contributions to and earnings on the fund permit, the number of scholarships will be increased.

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

Horst and Erna Wichert Memorial Scholarship in Music Theory

In honour of Erna and Horst Wichert (B.Sc.(E.E.)/66) Mr. Paul von Wichert [B.Mus.(Comp.)/92] has established an endowment fund at the University of Manitoba, with an initial gift of \$15,000, in 2010. The purpose of the fund is to provide scholarships for Music students who have demonstrated excellence in music theory. The available annual interest from the fund will be used to offer one scholarship to an undergraduate student who:

- (1) has completed the second year of full-time study in the Bachelor of Music degree;

- (2) in the next ensuing academic session, is enrolled full-time in the Marcel A. Desautels Faculty of Music, in the third year of the Bachelor of Music degree;
- (3) has achieved a minimum degree grade point average of 3.25;
- (4) has demonstrated a special aptitude in Music Theory.

The selection committee will be the Scholarship and Awards Committee of the Marcel A. Desautels Faculty of Music.

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.

Thomas B. Yauk – MPPI Scholarship

In memory of Thomas B. Yauk (M.C.P./73), the Manitoba Professional Planners Institute (MPPI), friends and colleagues have established an endowment fund at the University of Manitoba. The available annual interest from the fund will be used to provide one or more scholarships, with a minimum value of \$450 each, for graduate students who:

- (1) have successfully completed the first year of the Master of City Planning program;
- (2) in the next ensuing academic session, are enrolled full-time in the Faculty of Graduate Studies, in the second year of the Master of City Planning program;
- (3) have achieved a minimum degree grade point average of 3.5 (based on the last 60 credit hours of study);
- (4) are student members in good standing of the Manitoba Professional Planners Institute;
- (5) have demonstrated a commitment to the profession of City Planning, including but not limited to active participation in MPPI programs and initiatives.

Preference will be given first to students who are conducting research related to inner city neighbourhood revitalization, housing, Aboriginal and / or social equity issues in planning. Preference may also be given to students who have demonstrated strong connections to, or involvements with, inner city neighbourhoods and community development activities in those neighbourhoods.

The selection committee will have the discretion to determine the number and value of awards offered each year based on the available funds.

Candidates will be required to submit an application that will consist of (a) a research proposal (maximum 500 words) that describes the theme, scope, and methods of the proposed inquiry and (b) two letters of reference, one from a professor at a post-secondary institution and one from a planning professional. Candidates are invited to also submit a statement (maximum 500 words) that addresses the preference statements set out in the second paragraph.

The Dean of the Faculty of Graduate Studies (or designate) will ask the Dean of the Faculty of Architecture (or designate) to name the selection committee for this award, which will include one representative of the Manitoba Professional Planners Institute Executive 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.

2. AMENDMENTS

Clarence Barber Memorial Award

At the request of the donor, a number of amendments were made to the terms of reference for the Clarence Barber Memorial Award, to convert the Award from an undergraduate to a graduate award.

- The pool of candidates will be students enrolled full-time in the Faculty of Graduate Studies, in a Master's or Doctoral program delivered by the Department of Economics. Previously, the Award was open to undergraduate students in a Major or Honours program in Economics.
- The minimum required degree grade point average set out in criterion (2) has been changed to 3.5 (or equivalent) based on the last 60 credit hours has been established, to reflect the standard requirement at the graduate level.
- Criterion (3), which required that undergraduate recipients had demonstrated achievement and interest in macro-economics and/or social policy, now requires that graduate student recipients undertake thesis research in one or both of these same areas.
- The application process has been revised to require that candidates submit a description of their proposed or ongoing research (maximum 500 words), a current academic transcript(s), and one academic letter of reference from a professor at a post-secondary institution.
- The description of the selection committee has been changed to: The Dean of the Faculty of Graduate Studies (or designate) will ask the Head of the Department of Economics to name the selection committee for this award.

Dr. Michael Bruser Memorial Bursary

Terms of reference for the Dr. Michael Bruser Memorial Bursary were amended, to reflect administrative and curriculum changes that have followed from the amalgamation of the Departments of Botany and Zoology several years ago, to create the Department of Biological Sciences.

- The pool of eligible candidates is students who have completed with high standing one of: (a) the third year B.Sc.(Hons.) or B.Sc.(Major) in Biological Sciences; (b) the pre-Master's in Biological Sciences; or (c) any year of the M.Sc. or Ph.D. in Biological Sciences, and who proceed in the next ensuing academic year to the next year in course. Formerly, the award was open to students at the same levels of study in Botany and Zoology.
- The selection committee will be named by the Head of the Department of Biological Sciences. Previously, the committee was named by the Senate and included the Heads of the Departments of Botany and Zoology.
- A number of editorial changes were made.

College of Registered Nurses Gold Medal

Terms of reference for the College of Registered Nurses Gold Medal were amended at the request of the donor.

- The name of the award has been changed to: College of Registered Nurses Medal of Excellence.
- The number of awards has increased from one, for the student graduating from the Baccalaureate Program for Registered Nurses with highest accumulative standing, to three,

including new convocation medals for the Four-Year Baccalaureate Nursing Program and the Master of Nursing Program.

- Significant changes were made to the selection criteria for the medal for the Baccalaureate Program for Registered Nurses, including the addition of a requirement that the recipient has achieved high standing in all Nursing courses, a minimum degree grade point average, and a tie-breaking mechanism. The revised criteria follow:

One medal will be offered to a student who meets the following criteria:

- (1) has successfully completed the Baccalaureate Program for Registered Nurses as either a full-time or part-time student; and
- (2) has achieved high standing (minimum grade of B+ in each course) in all Nursing courses; and
- (3) has achieved the highest degree grade point average (minimum 3.75).

Tie-Breaking Mechanism:

Ties are to be broken using the following criteria in priority order:

- a) Highest number of A+ grades in the Nursing courses (numbered NURS xxxx).
- b) Highest number of A+ grades in the 4000 level Nursing courses (numbered NURS 4xxx).

The selection committee will be the Student Promotions and Awards Committee of the Faculty of Nursing.

- The following selection criteria were established for the medal for the Four-Year Baccalaureate of Nursing Program:

One medal will be offered to a student who meets the following criteria:

- (1) has successfully completed the Four-Year Baccalaureate Nursing Program as either a full-time or part-time student; and
- (2) has achieved high standing (minimum grade of B+ in each course) in all clinical courses, including NURS 4290 Clinical Practicum; and
- (3) has achieved the highest degree grade point average (minimum 3.75).

Tie-Breaking Mechanism:

Ties are to be broken using the following criteria in priority order:

- a) Highest number of A+ grades in the Nursing courses (numbered NURS xxxx).
- b) Highest number of A+ grades in the 4000 level Nursing courses (numbered NURS 4xxxx).

The selection committee will be the Student Promotions and Awards Committee of the Faculty of Nursing.

- The following selection criteria were established for the medal for the Master of Nursing Program:

One medal will be offered to a student who:

- (1) has successfully completed the Master of Nursing Program as either a full-time or part-time student and;
- (2) has demonstrated strong leadership skills and ability throughout their program and;
- (3) from among those who also meet criteria (1) and (2), has achieved a minimum degree grade point average of 4.0.

The selection committee will be the Graduate Studies Committee of the Faculty of Nursing.

Department of Botany Graduate Student Bursary

Terms of reference for the Department of Botany Graduate Bursary were amended, to reflect administrative and curriculum changes that have followed from the amalgamation of the Departments of Botany and Zoology several years ago, to create the Department of Biological Sciences.

- The name of the award has been amended to: Department of Biological Sciences Graduate Student Bursary.
- The recipient must be enrolled full-time in the M.Sc. or Ph.D. program in biological sciences, with a focus on plant or fungal biology, as the M.Sc. and Ph.D. programs in Botany are no longer offered.
- In criterion (2), the academic requirements have been updated from: minimum cumulative grade point average of 3.0 over the last two regular academic sessions to: minimum degree grade point average of 3.0 based on the last 60 credit hours.
- A selection committee, to be named by the Head of the Department of Biological Sciences (or designate), has been added.

William G. Eamer / Manitoba Pharmaceutical Association Scholarship for Student Excellence in Pharmacy

Terms of reference for the William G. Eamer / Manitoba Pharmaceutical Association Scholarship for Student Excellence in Pharmacy have been amended at the request of the donor.

- The number and value of scholarships have changed from: one or more scholarships with a minimum value of \$2,000, for students in the third year of study in the Faculty of Pharmacy to: four scholarships valued at \$1,000 each, including one for a student in each year of the four-year Bachelor of Science in Pharmacy Program.
- Following from this, the selection committee will no longer have the discretion to determine the number and value of scholarships offered each year.
- The revised terms provide for both the annual revenue and any accumulated revenue to be used to offer the scholarships.
- In order to hold the Scholarship, incoming students must have been enrolled full-time (minimum 80% course load) in the previous year of university study and have achieved a pre-pharmacy adjusted grade point average of at least 3.5 (or equivalent). Continuing students must have achieved a minimum degree grade point average of 3.5.

- Criterion (3) now stipulates that recipients have demonstrated personal initiative, in addition to demonstrated social responsibility, through active participation in student government or other student community service.
- A number of editorial changes have been made.

FCC Business Planning Award (Degree)

At the request of the donor, a number of amendments have been made to the terms of reference for the FCC Business Planning Award (Degree).

- In criterion (2) the course number for Farm Management has been updated from: 61.353 to: AGBIZ 3530.
- Financial Risk Management (AGBIZ 3540) has been added to the eligible courses for the award.
- The minimum value of awards to be disbursed has been increased to \$4,000 (\$2,500 for first prize and \$1,500 for second prize), provided that 10-25 students are enrolled in the business planning courses. Previously, the minimum value of awards disbursed was \$2,000 (\$1,500 for first prize and \$500 for second prize) where 6 – 15 students were enrolled in these courses.
- A restriction that a student may hold only one FCC Business Planning Award (Degree or Diploma) in his or her lifetime has been added.
- The instructor for Farm Risk Management has been added to the membership of the selection committee.

FCC Business Planning Award (Diploma)

At the request of the donor, a number of amendments have been made to the terms of reference for the FCC Business Planning Award (Diploma).

- In criterion (2) and in the description of the selection committee, the course name and number for Agricultural Business Management (61.068) was updated to: Agribusiness Management (AGBIZ 0680). The course number for Farm Business Management (61.072) was updated to: AGBIZ 3530.
- The minimum value of awards to be disbursed has been increased to \$4,000 (\$2,500 for first prize and \$1,500 for second prize), provided that 10-25 students are enrolled in the business planning courses. Previously, the minimum value of awards disbursed was \$2,000 (\$1,500 for first prize and \$500 for second prize) where 6 – 15 students were enrolled in these courses.
- A restriction that a student may hold only one FCC Business Planning Award (Degree or Diploma) in his or her lifetime has been added.

French Government Prize

The terms of reference for the French Government Prize have been amended at the request of the donor. The terms for this prize and the French Government Book Prize have been combined into one award. The terms of reference for the latter prize have been withdrawn (see item 3. Withdrawals in this report).

- The French Government Prize will be offered to the student in the Faculty of Arts who achieves highest standing in either the final year of the French General Major program or the final year of the French Honours, Advanced Major or Minor program.
- The revised terms clarify that the selection committee is named by the Head of the Department of French, Spanish, and Italian (or designate).
- A number of editorial changes have been made.

Furthering the Environment of Learning Fund (FUEL)

The following amendments to the terms of reference for the Furthering the Environment of Learning Fund (FUEL), which provides one annual scholarship for students in each of the I.H. Asper School of Business, the Faculty of Engineering, the Department of Computer Science, and the Department of Geological Sciences, have been made at the request of the donor.

- The agreement with the donor has been extended by one year to the 2011 – 2012 academic session.
- Recipients must be enrolled in the penultimate year of either a four-year or a five-year degree program in one of the faculties or departments noted above. Previously, the recipients were to be enrolled in the final year of study in their program.
- The minimum required degree grade point average has been increased from: 3.0 to: 3.4.
- A number of editorial changes have been made.

G.A. Lubinsky Memorial Scholarship

Terms of reference for the G.A. Lubinsky Memorial Scholarship have been revised, to reflect administrative and curriculum changes that have followed from the amalgamation of the Departments of Botany and Zoology several years ago, to create the Department of Biological Sciences.

- The required area of graduate study (M.Sc. or Ph.D.) has been changed from: zoology to: biological sciences with a focus in animal biology.
- The requirement that recipients have achieved a minimum degree grade point average of 3.5 (or equivalent) based on the last 60 credit hours has been made explicit in the terms.
- A requirement that recipients will have demonstrated potential as a scholar and scientist in the field of animal biology is now included in the list of selection criteria, rather than instructions to the selection committee.
- The selection committee will be named by, and will include the Head of the Department of Biological Sciences.
- A number of editorial changes have been made.

Manitoba Agricultural and Food Sciences Grads Association (Degree) Award

Several changes have been made to the terms of reference for the Manitoba Agricultural and Food Sciences Grads Association (Degree) Award, at the request of the donor.

- The value of the award has been changed from: \$300 to: one half of the available annual interest from the fund, which is held at The Winnipeg Foundation.

- A statement has been added to make explicit that the value of the award will be determined by The Winnipeg Foundation each year based on earnings from the fund and will reported to Financial Aid and Awards at the University.
- A number of editorial changes have been made.

Manitoba Agricultural and Food Sciences Grads Association (Diploma) Award

Several changes have been made to the terms of reference for the Manitoba Agricultural and Food Sciences Grads Association (Diploma) Award, at the request of the donor.

- The value of the award has been changed from: \$300 to: one half of the available annual interest from the fund, which is held at The Winnipeg Foundation.
- A statement has been added to make explicit that the value of the award will be determined by The Winnipeg Foundation each year based on earnings from the fund and will reported to Financial Aid and Awards at the University.
- A number of editorial changes have been made.

Manitoba Blue Cross Entrance Bursary

Manitoba Blue Cross Bursary for Students with Special Needs

Manitoba Blue Cross Dental Scholarships

Manitoba Blue Cross Medical Rehabilitation Scholarship

Manitoba Blue Cross Travellers Bursary

The terms of reference for several annual awards offered by Manitoba Blue Cross have been amended, at the request of the donor, to include a requirement that the recipient be a resident of Manitoba. Significant editorial changes have been made to all of the terms in order to merge selection criteria, some of which were listed in the terms and some of which were described in the 'General conditions' attached to each set of terms, into the terms of reference. The 'General conditions' have been removed from the terms but will be kept on file with each award. Editorial changes have also been made following standardized wording currently in usage for University award terms. In addition:

- The selection committee for the Manitoba Blue Cross Entrance Bursary, the Manitoba Blue Cross Bursary for Students with Special Needs, and for the Manitoba Blue Cross Travellers Bursary has been changed from: the Senate Committee on Awards to: will be named by the Director of Financial Aid and Awards (or designate).
- The selection committee for the Manitoba Blue Cross Dental Scholarships has been changed from: will be named by the Dean to: the Awards Committee of the Faculty of Dentistry.

Manitoba Naturalists Society Scholarship

A number of revisions have been made to the terms of reference for the Manitoba Naturalists Society Scholarship, to reflect administrative and curriculum changes that have followed from the amalgamation of the Departments of Botany and Zoology several years ago, to create the Department of Biological Sciences.

- The scholarship will be offered to a University of Manitoba graduate entering or continuing in a graduate program in biological sciences or related fields. Previously, the field of graduate study was identified as botany, zoology, or related fields.
- The selection committee will be named by, and will include the Head of the Department of Biological Sciences (or designate). Representatives of the Dean of Graduate Studies and Financial Aid and Awards are no longer included in the membership of the committee.
- At the request of the donor, the name of the award has been changed to: Nature Manitoba Scholarship.
- A number of editorial changes have been made.

MMSA Awards

At the request of the Manitoba Medical Students' Association, the following amendments have been made to the terms of reference for the MMSA Awards, which include the MMSA Citizenship Award, the MMSA Community Service Award, and the MMSA Leadership Award.

- The number of awards has been increased from: three to: four, with the creation of the MMSA Global Health Award (see below). The available annual income from the endowment fund that supports this award will be divided equally between the four recipients.
- The purpose of the awards has been modified, to recognize and encourage attributes that are valued in medical students. Formerly, the objective was to recognize and encourage student leadership, community service and citizenship in the Faculty of Medicine.
- The name of the MMSA Community Service Award has been changed to: *MMSA Katherine Anne Klassen Memorial Community Service Award*.
- A new award, the *MMSA Global Health Award* has been created with the following terms: Presented to a student who has made a remarkable contribution to global health, which includes but is not limited to, work in the areas of Aboriginal / First Nations, inner city, international, or refugee health.
- A stipulation that a student cannot hold the same MMSA Award in two consecutive years has been added.
- A condition that a student may apply for one or more MMSA Awards but may be awarded only one of these awards in a given year has been added.
- The selection committee will have the discretion to consider an applicant for a different MMSA Award if the student is not offered the award for which he or she applied.
- The revised terms clarify that the MMSA Senior Stick who will announce the call for applications each year.
- The Program Manager, Undergraduate Medical Education has been added to the membership of the selection committee will vote only in the event of a tie.
- A number of editorial changes have been made.

Prix du Gouvernement Français – Faculty of Education

The terms of reference for the Prix du Gouvernement Français – Faculty of Education have been amended at the request of the donor.

- The name of the award has been changed to: Prix du Gouvernement Français.
- The number of prizes offered each year has been reduced from: four to: one. Formerly, one prize was offered to the English speaker and one to the French speaker who ranked highest in the French language elective in both Education I and Education IA, at each of the Faculty of Education and the Collège Universitaire de Saint-Boniface.
- The single prize will be offered to a student graduating from the Bachelor of Education program at the Collège Universitaire de Saint-Boniface who has demonstrated excellence in French (both oral and written) throughout the two-year program.
- The selection committee will be named by the Faculty of Education of the Collège Universitaire de Saint-Boniface.
- A number of editorial changes have been made.

Josephine C. Rauch Memorial Prizes

A number of revisions have been made to the terms of reference for the Josephine C. Rauch Memorial Prizes, to reflect administrative and curriculum changes that have followed from the amalgamation of the Departments of Botany and Zoology several years ago, to create the Department of Biological Sciences.

- A minimum required degree grade point average of 3.5 has been made explicit in the terms of reference for the undergraduate prize.
- The undergraduate prize will be offered to the student who has achieved the highest combined standing in Human Physiology 1 (BIOL 2410) and Human Physiology 2 (BIOL 2420). Previously, the prize was offered for the highest standing in Human Physiology (22.245).
- The selection committee for both the undergraduate and graduate prizes will be named by the Head of the Department of Biological Sciences (or designate). Membership of the selection committee for the undergraduate prize will continue to include instructors of the courses, a graduate student demonstrator, and one other academic staff member.
- The area of study for the graduate prize has been amended from: zoology to: biological sciences, with a focus in animal biology.
- A minimum required degree grade point average of 3.5 (or equivalent) over the past 60 credit hours has been made explicit in the terms of reference for the graduate prize.
- A number of editorial changes have been made.

John A. Russell Alumni Bursaries

The terms of reference for the John A. Russell Alumni Bursaries have been amended at the request of the Faculty of Architecture.

- The number and value of bursaries has been increased from: four, one of \$400 and three of \$300 (initially) to: five bursaries of equal value.
- One bursary will be offered to an undergraduate student who is enrolled in the third year of the Bachelor of Environmental Design program. Previously, the undergraduate bursary was offered to a student registered in the fourth year of the program.
- One bursary will be offered to a student enrolled in the second year of each of the Master of Architecture, Master of City Planning, Master of Interior Design, and Master of Landscape

Architecture programs. Students entering the first year of a Master's program from a pre-Master's program will no longer be eligible.

- A number of editorial changes have been made.

Wasył Swystun Prize in History of Ukrainians in Canada

The value of the Wasył Swystun Prize in History of Ukrainians in Canada has been increased from: \$100 to: \$200 at the request of the donor. The course number for The Ukrainians in Canada has been updated from: 11.391 to: HIST 3910.

Charles H. Thomsen Award in Landscape Architecture

The terms of reference for the Charles H. Thomsen Award in Landscape Architecture have been amended at the request of the Faculty of Architecture. The Award will be offered to a student enrolled full-time in the fourth year of the Bachelor of Environmental Design (Landscape and Urbanism Option). Previously, the award was offered to a student enrolled in the third year. The name of the Option has been updated from Landscape Architecture.

University Gold Medal in Fine Art

The School of Art has established the following selection criteria for the University Gold Medal and the various School of Art Program Medals. Formerly, the School followed the University's standard criteria for the University and Program medals.

University Gold Medal in Fine Art

General Selection Criteria

The University Gold Medal shall be awarded to the graduating student who:

- (1) has achieved the highest grade point average (minimum 3.75) on courses constituting the last two years of any Bachelor of Fine Arts Studio or Art History degree program; and
- (2) has completed either (i) a minimum of 24 credit hours in each of the last two years of the program or (ii) if graduating from the B.F.A. (Honours) (Studio), a minimum of 24 credit hours in the penultimate year of the program and a minimum of 21 credit hours in the last year of the program (to include the Fine Art Thesis and Thesis Seminar courses).

Tie-Breaking Mechanism

Standard criteria accepted by faculty.

School of Art Medal in Art History

School of Art Medal in Art History (Honours)

School of Art Medal in Fine Arts Studio

School of Art Medal in Fine Arts Studio (Honours)

School of Art Medal for the Diploma in Art

General Selection Criteria

The School of Art Program Medal shall be awarded to the graduating student in each program who:

- (1) has achieved the highest grade point average (minimum 3.75) on courses constituting the last two years of the degree program; and
- (2) has completed either (i) a minimum of 24 credit hours in each of the last two years of the program or (ii) if graduating from the B.F.A. (Honours) (Studio), a minimum of 24 credit hours in the penultimate year of the program and a minimum of 21 credit hours in the last year of the program (to include the Fine Art Thesis and Thesis Seminar courses).

Tie-Breaking Mechanism

Standard criteria accepted by faculty.

Kenneth and Elizabeth Walton Research Scholarship in Medicine

The terms of reference for the Kenneth and Elizabeth Walton Research Scholarship in Medicine, which is offered to a student in the B.Sc.(Med.) program, have been amended at the request of the Faculty of Medicine.

- The scholarship will now be offered as a two-year renewable award.
- The value of the scholarship has been changed from: the available annual income from the fund to: one half of the available annual income from the fund up to a maximum of \$5,000.
- A provision has been added that, if a recipient does not continue with his or her research project after completion of the second year of study in Medicine (i.e. does not qualify for renewal of the scholarship), a one-time, non-renewable scholarship will be offered to the next qualified candidate.
- A number of editorial changes have been made.

Western Canada Recreation Studies Conference Scholarship

The terms of reference for the Western Canada Recreation Studies Conference Scholarship, which is offered to a Recreation Management and Community Development student, have been revised at the request of the Faculty of Kinesiology and Recreation Management.

- The value of the scholarship has been changed from: about \$500 to: the available annual income from the fund.
- A requirement that the recipient demonstrates a continuing interest in the Western Canada Recreation Studies Conference has been removed.
- A number of editorial changes have been made.

3. WITHDRAWALS

French Government Book Prize (21191, 33842)

The terms of reference for the French Government Book Prize, an annually funded award for students in the Faculties of Arts and Science were withdrawn at the request of the donor.

Howie Goldberg Memorial Scholarship

The terms of reference for the Howie Goldberg Memorial Scholarship, an annually funded award for students in the I.H. Asper School of Business were withdrawn at the request of the donor.

Manitoba Seed Growers Awards

The terms of reference for the annually funded Manitoba Seed Growers Awards were withdrawn at the request of the donor.

Medigas Scholarship in Respiratory Therapy

The terms of reference for the annually funded Medigas Scholarship in Respiratory Therapy were withdrawn at the request of the donor.

Annual Report of the Senate Committee on Academic Computing

Preamble

1. The terms of reference for the Senate Committee on Academic Computing are found on the University Governance website at: www.umanitoba.ca/governance.
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. Members of the Committee for 2009-2010 were: Dr. D. Jayas, Mr. G. Miller, Ms. K. Adams, Dean J. Doering, Dean D. Collins, Professor G. Schreckenbach, Professor K. Smith, Professor D. Hlynka, Professor M. Singer, Professor M. Brabston, Professor E. Scott, Mr. P. Tittenberger, student members A. Hirani, C. Henry, C. Somerfeld, S. Woodcock and Dr. R. Lobdell as Chair.
2. No matters were referred to the Committee for consideration, therefore, no meetings were held during the reporting period.

Respectfully submitted,

Dr. R. Lobdell, Chair
Senate Committee on Academic Computing.

/lrjl

ANNUAL REPORT OF THE SENATE COMMITTEE ON ACADEMIC DRESS

Preamble

The Terms of Reference for the Senate Committee on Academic Dress are found on the University Governance website at: www.umanitoba.ca/governance.

Observations

1. The Senate Committee on Academic Dress did not meet during the reporting term.
2. Members of the Senate Committee on Academic Dress for the 2009-2010 reporting term were: Prof. L. Chalmers, Mr. N. Marnoch, Prof. L. Horne, Mr. P. Nawrot, Mr. Kelly Ogbomo and Prof. P. Hess as Chair.

Respectfully submitted,

Professor Paul Hess, Chair
Senate Committee on Academic Dress

/lrjl

Annual Report of the Senate Committee on Academic Freedom

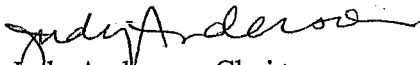
Preamble

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 2009-2010 included: Professor J. Anderson (Science), Professor M. Gabbert (Arts), Professor C. Morrill (Management), Professor S. Alward (School of Art), and Professor R. Cardwell (Agricultural and Food Sciences).
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 on the web at:

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

Observations

1. The membership of the Committee for 2009-2010 included: Dr. R. Lobdell, (Vice-Provost Programs), Chair, Dr. J. Keselman, (Vice-President Academic and Provost), Dean J. Doering (Graduate Studies), Dean C. Axworthy (Law), Professor J. Owens (Arts), Dr. A. MacDiarmid (Medicine), Professor J. Van Rees (Science), Professor M. Ballance (Agricultural and Food Sciences), Mr. S. Huang (Student) and Mr. J. Lyons (Student).
2. The Committee met once during the reporting period on November 24, 2009. A report was drafted that provided an update on completed academic program reviews for the period August 2008 through October 2009. During the period under consideration, seventeen graduate program reviews were completed. The report was endorsed by the Committee and approved by Senate on January 6, 2010.

Respectfully submitted,

Richard Lobdell, Chair
Senate Committee on Academic Review

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ANNUAL REPORT OF THE SENATE COMMITTEE ON ADMISSIONS (SCADM) FOR THE YEAR FROM MAY 1, 2009 TO APRIL 1, 2010

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 current committee membership is as follows:

<u>Incumbent</u>	<u>Position</u>	<u>Composition</u>
Dr. Dave Morphy	VP (Academic) & Provost	(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. Linda Wilson	Associate Dean/Professor, Faculty of Arts	(4) Dean, Faculty of Arts or designate
Dr. Betty Worobec	Associate Dean, Faculty of Science	(4) Dean, Faculty of Science or designate
Dr. John Perry	Associate Professor, Faculty of Dentistry	(4) Dean, Faculty of Dentistry or Medicine or designate
Dr. David Collins	Dean/Professor, Faculty of Pharmacy	(5) Senate-appointed dean/director
Dr. Christine Blais	Director, University 1	(5) Senate-appointed dean/director
Dr. Charles Mossman	Associate Dean, I.H. Asper School of Business	(6) Senate Appointee
Dr. Gustaaf Sevenhuysen	Dean, Faculty of Human Ecology	(6) Senate Appointee
Dr. Alex Wright	Associate Dean, Faculty of Social Work	(6) Senate Appointee
Dr. Lori Wallace	Associate Dean, Extended Education	(6) Senate Appointee
Prof. S. McLachlan	Associate Prof., Environment, Earth, and Resources	(6) Senate Appointee
Prof. Kelly MacKay	Associate Dean, Faculty of Kinesiology & Rec Mgmt	(6) Senate Appointee
Mr. Gavin Patterson	Student, University 1	(7) Student
Mr. Amir Hossein Birjandi	Student, Faculty of Graduate Studies	(7) Student
Ms Cindy Isaak-Ploegman	Student, Faculty of Graduate Studies	(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 2009 Annual Report, SCADM met on November 24, 2009 and December 17, 2009. The following matters were addressed by the committee:

1. **Faculty of Arts** – SCADM reviewed a proposal regarding the admission requirements for the newly proposed 90 credit hour undergraduate program: Bachelor of Arts (Integrated Studies), effective for the summer term, 2010. Approved by the Senate Committee on Admissions November 24, 2009. Approved by Senate March 3, 2010.
2. **Faculty of Pharmacy** – SCADM reviewed a proposal requesting amendments to the calculation of the Adjusted Grade Point Average (AGPA) and the use of repeated courses in the admission process, effective September, 2011. Approved by the Senate Committee on Admissions November 24, 2009. Approved by Senate, January 6, 2010.
3. **Faculty of Dentistry and the School of Dental Hygiene** – SCADM reviewed a proposal concerning adding requirements for an Adult Criminal Record Check and a Child Abuse Registry Check to the admission and registration processes of the undergraduate dentistry program, the international dentistry degree program (IDDP), and the diploma program in dental hygiene, effective September, 2010. Approved by the Senate Committee on Admissions, December 17, 2009. Approved by Senate, February 3, 2010.

Respectfully submitted,

Dr. David Morphy, Chair
Senate Committee on Admissions

Preamble

1. The terms of reference for the Senate Committee on Admission Appeals are found at the link:
http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/491.htm
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 advance standing.
3. The Committee is to report to Senate on the determination of all appeals submitted to it; and recommend on any changes in admission policies and procedures which should be considered as a result of the appeal.

Observations

1. Members of the Committee for 2009 -2010 were Professor A. Sloane-Seale (Extended Education), Professor J. Dean (Arts), Professor M. Balance (Agriculture), Professor J. Dean (Arts), Professor B. Hann (Science), Professor B. Cohen (Nursing), Professor P. McVetty, (Science), Professor M. Matthews (Music), Professor L. Guse (Nursing), Professor E. Milliken (Social Work), Professor M. Fricke (Medical Rehabilitation), Professor D. Mandzuk (Education), Ms. Q. Yuan (Student), Mr. Peter Nawrot (Student), Mr. Allan Easter (Student), Mr. Sid Rashid (President UMSU) and Professor P. Osborne as Chair. Ms. I. Reece-Tougas (Director of Admissions) is a nonvoting member of the Committee.
2. The Senate Committee on Admission Appeals reports to Senate on an ongoing basis as appeals are heard. These reports are summarized below:

During the period from April 1, 2009 to March 31, 2010 the Committee received 2 appeals during this time period.

#	FACULTY	DECISION
1	Education	Pending
1	Medicine	Denied

Respectfully submitted,

Professor P. Osborne
Chair of the Senate Committee on Admission Appeals

Preamble

The terms of reference for the Senate Committee on Animal Care (SCAC) can be found on the web at

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/492.htm. SCAC is "To provide advice and recommendations to Senate and the University Administration regarding: the University's general policies relating to the development of facilities for and use of animals in research, teaching or testing; prioritizing support for the development and delivery of animal care services; and animal care and use policies and their effect on faculty members, staff and students".

Observations

1. Members of the Committee for 2009-2010 were:

Gary Glavin Associate Vice-President (Research) and Chair
Ed Kroeger (for Dean Sandham), Faculty of Medicine
Elizabeth Worobec (for Dean Whitmore), Faculty of Science
Tammy Ivanco (for Dean Sigurdson), Faculty of Arts
Michael Trevan, Faculty of Agricultural and Food Sciences
Brenda Hann, Faculty of Graduate Studies
Elliot Scott, Faculty of Dentistry
Kees Plaizier, Department of Animal Science
Gary Anderson, Department of Biological Sciences
Alison Calder, Department of English
Harold Aukema, Department of Biological Sciences
Susan Shefchyk, Department of Physiology
Robert Madziak, Central Animal Care Services
Randy Aitken, St. Boniface General Hospital Research Centre
Richard Hodges, Director, Animal Care and Use Program
Vanessa Huzinger, Undergraduate Student Representative
Florence Opapeju, Graduate Student Representative
Brent Thomas, Community Representative

2. During the reporting period, the Committee met once:

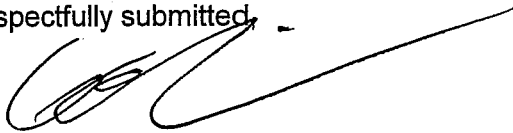
March 18, 2010

- Over \$500k was made available for infrastructure upgrades in 2009/2010 through the Infrastructure Planning Committee and faculty contributions.
- Draft terms of reference for an "E" Category of Invasiveness Committee were reviewed and approved in principal. This committee will be responsible for reviewing 'e' category of invasiveness animal use protocols.
- Guideline 003, "When is a separate animal use protocol required versus what procedures can be placed on one application" was approved. The development of additional guidelines to ensure consistency within the animal care and use program and to assist with the interpretation of rules and regulations of documents which are

issued by governing bodies such as the CCAC is ongoing.

- Written reports from the SCAC Sub-Committees (the Bannatyne and Fort Garry Campus Protocol Management and Review Committees (PMRC); Education Sub-Committee; and Infrastructure Planning Committee) were reviewed and approved.
- Written reports on the activities of the Local Animal Users Committees (the Bannatyne Campus; Faculty of Science, Faculty of Arts, and the St. Boniface General Hospital Research Centre) were reviewed and approved.
- 2009 facility inspection reports and applicable facility responses reviewed and approved.
- Terms of Reference for the SCAC and its subcommittees were reviewed and approved.
- New and renewed PMRC memberships were reviewed and approved.
- A document describing the process to be followed when collaborative research involving animals by investigators from the U of M and the National Research Council Canada (Winnipeg Division) were reviewed and approved.
- A document describing the process to be followed by all faculties (as well as the St. Boniface General Hospital Research Centre) who use animals in research as it relates to obtaining scientific merit of projects funded from non-peer reviewed sources was reviewed and approved.
- Over \$583k will be allocated for infrastructure upgrades in 2010/2011 through the Infrastructure Planning Committee and faculty contributions.
- The next CCAC site visit will take place in fall 2010. The University of Manitoba is currently in full compliance.

Respectfully submitted,



Gary B. Glavin, Chair
Senate Committee on Animal Care

Preamble

1. The terms of reference for the Senate Committee on Appeals are found on page 10.16 of the *Senate Handbook* (Rev. 1992).
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 2009-2010 were: Dean I. Diallo (St. Boniface College), Dean M. Trevan (Agriculture and Food Science), Dean J. Watkinson (Kinesiology & Recreation Management), Dean. J. Weins (Education), Professor A. Young (Arts, Vice-Chair), Professor S. Alward (School of Art replacing Professor B. Amiro (Agriculture and Food Science) on Sabbatical Leave), Professor M. Ballance (Agriculture and Food Science), Professor K. Levine (Social Work), Professor D. MacPherson (Law), Professor C. Stasolla (Agriculture and Food Science replacing Professor D. McMillan (Nursing) on Sabbatical Leave), Professor J. Page (Science), Ms. E. Buettner (Student), Ms. A. Carr (Student), Ms. D. Lall (Student), Ms. A. Makinson, (Student), Mr. D. Bowles (Student), Mr. C. Hull (Student), Mr. K. Mytruk (Student), Mr. P. Nawrot (Student), Mr. G. Paterson (Student) and Professor A. McNicol served as Chair.
2. Sections 10.3.1 of the *Senate Handbook* outlines the requirement that all standing committees of Senate prepare an annual report to be represented normally at the May meeting of Senate. The Senate Committee on Appeals is one which reports to Senate on an ongoing basis as appeals are heard. Details of these reports are contained in the Senate minutes. During the reporting period from April 1, 2009 to March 31, 2010 the Committee received 26 appeals which are summarized:

#	Faculty	Decision
7	Engineering	2 Denied; 1 Granted; 2 No grounds found; 2 Pending
6	Science	3 Denied; 1 Withdrawn; 1 No grounds found; 1 Pending
3	Medicine	1 Denied; 1 Granted; 1 Forwarded to Equity Services
2	Arts	1 Denied; 1 Granted
2	University 1	2 No grounds found
2	Law	1 Withdrawn; 1 Returned to Faculty
1	Extended Education	1 Pending
1	Nursing	1 Closed
1	Graduate Studies	1 Closed
1	IH Asper	1 Denied

3. The Committee has been discussing the existing Senate Committee on Appeals Procedures and Guidelines. A revised and updated Senate Committee on Appeals Policy and Procedures will be presented to Senate for consideration in the near future.

Respectfully submitted,

Dr. A. McNicol, Chair
Senate Committee on Appeals

Annual Report of the Senate Committee on Approved Teaching Centres

Preamble

The Terms of Reference for the Senate Committee on Approved Teaching Centres (SCATC) can be found on the web at:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/494.htm

Observations

1. Members of the Committee for 2009-2010 were: Professor B. Schwimmer (Arts), Ms. R. Gaywish (Extended Education), Professor T. Ivanko (Arts), Professor T. Chen (Arts), Professor R. Finnegan (Arts), Professor S. Brickey (Arts), Professor D. McCance (Arts), and Professor L. Reneé (Arts)
2. The current Approved Teaching Centres are:

Prairie Theatre Exchange
William and Catherine Booth College
3. In preparation for the 2009-2010 session, the SCATC conducted its regular spring business of reviewing cross-registered courses to be offered by the Approved Teaching Centres, together with the proposed instructors, and recommending the same to Senate at its June meeting.

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 ten times (including two electronic polls) between May 1, 2009 and April 30, 2010.

Terms of Reference

Terms of Reference for the Senate Committee on Awards can be found on pages 10.10 to 10.11 in the *Senate Handbook*.

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)

Committee Members

Academic Representatives:

Dr. Philip Hultin (Chair/Faculty of Science)
Prof. Nicole Harder (Faculty of Nursing)
Dr. David Kuhn (Faculty of Engineering)
Dr. Laura Loewen (Faculty of Music)
Dr. Isabel Mello (Faculty of Dentistry)
Dr. Greg Smith (Faculty of Arts)

Student Representatives:

Mr. Amir Birjandi (Faculty of Graduate Studies)
Ms Debra Lall (Faculty of Graduate Studies)

Director, Financial Aid and Awards:

Ms Jane Lastra

Dean, Faculty of Graduate Studies:

Dr. Jay Doering
Ms Marcia Labiuk (alternate)

Consultants:

Mr. Peter Dueck (Enrolment Services)
Ms T. Klaassen (Enrolment Services)
Ms C. Richardson (Enrolment Services)
Dr. S. Coyston (Recording Secretary/Enrolment Services)

Observations

1. In 2009 – 2010, the Senate Committee on Awards approved the establishment of 73 new awards, amendments to 87 existing awards, and the withdrawal of 17 awards. Of the 73 new awards, 49 are scholarships, prizes, or fellowships, 23 are bursaries, and 1 is an emergency loan.
(Appendix A)
2. The Senate Committee on awards recommended to Senate, for approval, 1 request to establish an award that appears to be discriminatory under the policy on the *Non-Acceptance of Discriminatory Awards*. The award will provide support for Aboriginal students at the University.
3. The Committee approved amendments to the policy on the *Non-Acceptance of Discriminatory Scholarships, Bursaries or Fellowships*, including a revision to change the name of the policy to *Non-Acceptance of Discriminatory Awards*.

Respectfully submitted,

Dr. Philip Hultin
Chair, Senate Committee on Awards

APPENDIX A -

New Awards* Established Between May 1, 2009 and April 30, 2010 (Total = 73)

Undergraduate, Graduate, and Extended Education	Entrance Awards	Renewable Entrance Awards	In-course and Graduating Awards	Total
Undergraduate	6	-	40	46
Graduate	3	1	18	22
Undergraduate or Graduate	-	-	4	4
Extended Education	-	-	1	1

New Undergraduate Awards* by Faculty or School (including Extended Education), May 1, 2009 - April 30, 2010 and Historical Data for 2008-09, 2007-08 and 2006-07

Faculty or School	09-10	08-09	07-08	06-07
Agricultural & Food Sciences	-	4	8	4
Architecture	1	1	1	1
Art (Fine Arts)	-	-	2	-
Arts	3	3	1	4
Central [†]	5	11	6	4
Dentistry	1	2	2	1
Dental Hygiene	-	1	1	-
Education [°]	2	-	5	-
Engineering	6	6	7	1
Environment, Earth, & Resources	1	3	-	3
Extended Education	1	-	-	-
Human Ecology	1	1	-	1
Interdisciplinary	2	1	4	1
Kinesiology & Recreation Management	1	1	1	2
Law	4	7	7	3
Management	4	4	7	-
Medical Rehabilitation	-	1	-	4
Medicine	8	10	2	6
Music	3	3	1	5
Nursing	-	3	2	-
Pharmacy	1	2	2	2
Science	2	2	1	2
Social Work	1	-	-	-
University 1	-	1	1	-
Totals	47	67	61	44

* 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, 2009 - April 30, 2010 and Historical Data for 2008-2009, 2007-08 and 2006-07

Area of Study	09-10	08-09	07-08	06-07
Agricultural & Food Sciences	1	3	1	4
Architecture	7	3	1	2
Art (Fine Arts)	2	-	-	-
Arts	4	3	4	1
Central [†]	2	3	-	-
Dentistry	1	-	-	-
Engineering	-	-	2	-
Environment, Earth, & Resources	1	5	1	-
Interdisciplinary	-	2	3	1
Medical Rehabilitation	-	1	-	-
Medicine	-	2	1	-
Music	1	-	-	2
Nursing	1	-	1	1
Science	2	2	2	1
Totals	22	24	16	12

* 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, 2009 - April 30, 2010 and Historical Data for 2008-2009, 2007-08 and 2006-07

Area of Study	09-10	08-09	07-08	06-07
Agricultural & Food Sciences			1	
Architecture			1	
Arts			1	
Central [†]	2		2	4
Education			1	
Engineering				1
Human Ecology				1
Interdisciplinary	1	3		
Music			1	
Science				1
Social Work	1	1		
Totals	4	4	7	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. The terms of reference for the Senate Committee on the Calendar are found on the web at http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/496.htm
2. The Committee is charged with preparing the University Calendars and providing advice on matters referred to it concerning the University Calendars.

Observations

1. Members of the Committee for 2009-2010 were: Professor P. Hultin (Science), Ms. J. Horner (Libraries), Ms L. Hamilton (*Calendar* editor), Mr. C. Zhang (Student), Mr. N. Marnoch (Registrar), Professor T. Hassard (Graduate Studies), Dean J. Doering (Chair, Senate Committee on Rules and Procedures) and Mr. J. Leclerc as the Chair.
2. The Committee met once during the reporting period, on August 27, 2009, and reported to Senate on October 7, 2010, recommending that the office General Academic Calendar be an online version commencing the 2011-2012 academic session and that the 2011-2012 be the final print calendar. The Committee recommended that the Calendar should include detailed information on: program requirements, specific admission requirements, progression and graduation requirements, the Academic Schedule, and general academic rules and regulations. The Calendar should also include a summary of University services (Student Advocacy, Counseling and Career Services, Financial Aid and Awards, Housing, etc.) and policies and regulations should be included with links to detailed information.

Respectfully submitted,

Jeff M. Leclerc, Chair
Senate Committee on the Calendar

/mb

Annual Report of the Senate Committee on Curriculum and Course Changes

Preamble

The terms of reference for the Senate Committee on Curriculum and Course Changes (SCCCC) can be found on the web at

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/497.htm.

SCCC is "to recommend to Senate on the introduction, modification or abolition of undergraduate programs, curricula or courses".

Observations

1. Members of the Committee for 2009-2010 were: Dean H. Frankel (Social Work), Chair, Dr. E. Worobec (Science), Professor D. Mann (Agricultural & Food Science), Dr. K. Matheos (Extended Education), Dr. M. Lawall (Arts), Professor T. Sullivan (Medical Rehabilitation), Professor D. Schonwetter (Dentistry), Ms. J. Hamilton (Medicine), Ms. J. Horner (Libraries), M. S. Dorge (CUSB), Dr. R. Lobdell (Vice-Provost (Programs), Ms. K. Marcynk (Student), Mr. S. Kumar (Student).
2. During the reporting period the Committee met on the following dates and reported to Senate on:
 - October 5, 14, 26, 28, 2009 - course changes from departments totaling less than nine credit hours in various faculties and schools and November 2, 2009
 - November 2, 2009
 - the first report on the deletion of lapsed undergraduate courses
 - program proposal from the Faculty of Arts for a Bachelor of Arts: Integrated Studies Program
 - proposal from the Faculty of Science for a Bachelor of Science (Major) and co-op major degree in Biotechnology
 - March 17, 23, 30, 2010
 - course changes from departments totaling less than nine credit hours in various faculties and schools
 - approval of deadlines for 2010/2011

Respectfully submitted,

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

/mb

Annual Report of the Senate Committee on the Ethics of Research involving Human Subjects

Preamble

The terms of reference for the Senate Committee on the Ethics of Research involving Human Research (SCERIHS) can be found on the web at http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/500.htm. SCERIHS "provides advice and recommendations to Senate and the University Administration regarding the University's general policies relating to human subjects research and the effects of these policies on faculty members, staff and students".

Observations

1. Members of the Committee for 2009-2010 were:

Gary Glavin, Associate Vice President (Research), (*ex-officio*), Chair
Edward Johnson, Faculty of Arts
Algernon, Karim, Faculty of Dentistry
Tuula Heinonen, Faculty of Social Work
Neil McArthur, Faculty of Arts
Francine Morin, Faculty of Education
Sandra Ingram, Faculty of Engineering
Naresh Redhu, Faculty of Graduate Studies, graduate student

and, Research Ethics Boards (REBs) Chairs (*ex officio*), appointed by SCERIHS:
Nick Anthonisen, Faculty of Medicine, Chair of Biomedical Research Ethics Board (BREB)

John Arnett, Faculty of Medicine, Chair of Health Research Ethics Board (HREB)
Bruce Tefft, Faculty of Arts, Chair of Psychology/Sociology Research Ethics Board (PSREB)

Lorna Guse, Faculty of Education, Chair of Education/Nursing Research Ethics Board (ENREB)

Wayne Taylor, Faculty of Arts, Chair of Joint-Faculty Research Ethics Board (JFREB)

2. A sub-committee of SCERIHS is the Ethics Policy Implementation Committee (EPIC). EPIC consists of the five REB Chairs, the two Human Ethics Coordinators and is chaired by Dr. Gary Glavin, Associate Vice President (Research). Members of the EPIC continue to investigate ways to provide educational opportunities for both reviewers and researchers alike, in an effort to improve the protocol submission and review process. Throughout the reporting period, the Chairs and the Human Ethics Coordinators attended or presented at the request of various committees and groups on campus. The EPIC sub-committee met in response to issues as they occurred, and was available as a resource for any questions that arose during the year.
3. The Research Quality Assurance Manager engaged in significant educational activities in 2009, with respect to the QA program. The RQAM arranged for a beta test of the Queen's University online tutorial on CHRPP (Course in Human Research

Participation Protection) and, after beta testing, the University of Manitoba decided to purchase a site license for use by faculty and students, as part of their ongoing education in human ethics. The job description for an Assistant for the RQAM has been finalized and plans for staffing are being developed.

A voluntary NCEHR (National Council on Ethics in Human Research) site visit to the University of Manitoba was held March 22-25, 2010 and valuable feedback on the applicable policies and procedures was obtained.

4. The University of Manitoba research ethics boards are organized and operate according to the Tri-Council Policy Statement (TCPS), which was jointly developed in 1998 by Canada's three research agencies. In 2008, after seven years of consultation and collaboration between Canada's research community and the members of the Interagency Advisory Panel on Research Ethics (PRE), a draft revision of the TCPS has been proposed. The March 2010 draft is now available for consultation and input.
5. There were no instances of non-compliance with Policy # 1406 (The Ethics of Research Involving Human Subjects) during the 2009-2010 year.
6. The five REBs meet and review protocols on a monthly basis. The two Bannatyne Campus REBs reviewed 535 protocols between January 1 and December 31, 2009. The three Fort Garry Campus REBs reviewed 141 protocols between January 1 and December 31, 2009.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Dr. Gary Glavin', written over a horizontal line.

Dr. Gary Glavin, Chair
Senate Committee on the Ethics of Research involving Human Subjects

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 2009-2010 included: Dr. David T. Barnard (President), Ms. Maureen Rodrigue (President of Alumni Association), Ms. Karen Holden (President of Alumni Association), Dr. J. Hoskins, (Warden, St. John's College), Dr. Judy Anderson (Science), Dean Ruth (Engineering), Dr. T.E. Anna (Arts), Mr. J. Sopotiuik (President of UMSU), Mr. S. Rashid (President of UMSU), Mr. J. August (community representative), Mr. R. Douglas (community representative), Dr. W. Norrie (Chancellor) 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 April 2008 to March 2009, the Committee reported to Senate on six occasions: May 13, 2009, September 9, 2009, October 7, 2009, November 4, 2009, December 2, 2009 and February 3, 2010. 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

/ki

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. Members of the Committee for 2009-2010 were: Dr. K. Grant, Chair, Dr. M. Lawall (Arts), Dr. Z. Lutfiyya (Education), Dr. E. Etcheverry (Medical Rehabilitation), Professor T.B. Goh (Agricultural & Food Sciences), Dr. E. Smirnova (Science), Professor M. Brabston (Management), Mr. J. Athayde (Student), Mr. G. Patterson (Student). *Ex-officio* resource members of the Committee were: Dr. C. Kristjanson, Dr. K. Jensen, Mr. N. Marnoch, Dr. L. Smith, and Mr. M. Tripple.
2. The Committee met on five occasions during the reporting period, on September 16 and November 10, 2009, and February 10, March 18, and April 15, 2010.
3. At its meetings on September 16, and November 10, 2009, the Committee:
 - a) approved changes to the evaluation, remediation, probation and dismissal policy of Post-Graduate Medical Education;
 - b) proposed changes to the University's policy on viewing of final examinations by students.
4. At its meetings on February 10, March 18, and April 15, 2010, the Committee:
 - a) approved proposals from the Faculty of Nursing regarding admission and progression and nursing students with disabilities in the four year Baccalaureate program and the Baccalaureate Program for Registered Nurses;
 - b) approved proposals from the Faculty of Social Work regarding the Professional Unsuitability By-law and changes to the requirements for Dean's Honour List;
 - c) approved proposals from the Asper School of Business, Faculty of Management, regarding academic suspension and reinstatement, and residency requirements;
 - d) approved a proposal from the Division of Extended Education regarding a change to assessment for General Studies;
 - e) approved proposals from the Faculty of Education for revisions to passing grades and continuation requirements for teacher training programs;
 - f) approved a proposal from the Faculty of Medicine regarding clerkship assessments for the MD program;

Respectfully submitted,

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

Annual Report of the Joint Senate Committee (JSC) for Joint Masters Programs (JMP)
2009-2010.

6 April 2010

Preamble

1. The terms of reference for the Joint Senate Committee (JSC) for Joint Masters Programs (JMP) can be found at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/503.htm
2. The committee's duties are to:
 - 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.
 - 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.

Observations:

1. Members of the committee for 2009-2010 were: George MacLean (UM), Chair; Karen Jensen, designated by Jay Doering, Dean of Graduate Studies (M); Zana Lutfiyya (UM); Mark Libin (UM); Jessica Senehi (UM); Sandra Kirby, Dean of Graduate Studies (UW); James Hanley (UW); TBA (UW); Graduate Student TBA (UM); Valerie Shantz, Graduate Student (UW)

2. The committee did not meet in 2009-2010 as there were no items referred to it for approval and onward transmission to the Senates of the University of Manitoba and the University of Winnipeg.

Respectfully submitted,

George MacLean, Chair JSC/JMP

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

Preamble

The Terms of Reference for the Joint Senates Committee on Master's Programs can be found on the web at http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/504.htm

Observations

1. Members of the Committee from the University of Manitoba for 2009-2010 were: Professor A. Sloane-Seale, Professor B. MacNeil, and Professor R. Christmas.
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 the Libraries

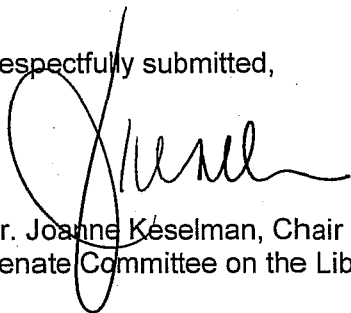
Preamble

The Terms of Reference of this Committee enable it to make broad assessments of the status of the libraries, their fiscal support, and their effect on faculty and students (see http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/505.htm)

Observations

1. Members of the Committee for 2009-2010 were: Dr. J. Keselman, Chair, Dr. J. Ristock, Ms. K. Adams (Libraries), Dr. K. Jensen (Graduate Studies), Dean D. Collins (Pharmacy), Dean D. Ruth (Engineering), Professor H. Heller (Arts), Professor J. Van Rees (Science), Professor K. Coombs (Medicine), Dr. S. Sweeney (Libraries), Professor K. Markstrom (Music), Professor V. Warne (Arts), Mr. M. Bagavathiarnan (Student), Mr. C. Burt (Student).
2. The Committee did not meet during the reporting period.

Respectfully submitted,



Dr. Joanne Keselman, Chair
Senate Committee on the Libraries

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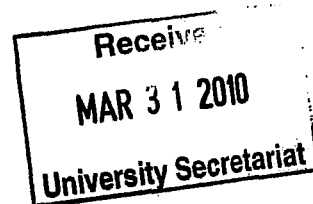


UNIVERSITY
OF MANITOBA

Faculty of Medicine



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

FROM: Dr. Heather Dean, MD, FRCPC
Assistant Dean, Faculty Development *H Dean*

DATE: March 24, 2010

RE: **ANNUAL REPORT OF THE SENATE COMMITTEE ON
MEDICAL QUALIFICATIONS MAY 2009 – APRIL 2010**

The Senate Committee on Medical Qualifications met on July 29, 2009 to review two applications for medical license under Section 64 of the Manitoba Medical Act. Both applicants were 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/jm

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 2009-2010 were: Dean D. Collins, Dean J. Doering, Professor C. Taylor, Professor K. Jensen, Professor M. Edwards, Professor H. Cameron, Professor S. Kouritzin, Professor P. Perkins, Professor M. Smith, Mr. A. Hailu, Mr. B. Latour and Professor E. Etcheverry as Chair.
2. The Committee reported to Senate at the June 24, 2009, October 7, 2009 and February 3, 2010 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. Membership of the sub-committee includes three members of the student Senate caucus, three members of UMSU Council and the President (or designate) of UMSU. A list of nominees was received from this group and recommendations were made by the Senate Committee on Nominations at the October 7, 2009 Senate meeting.

Respectfully submitted,

Professor E. Etcheverry, Chair
Senate Committee on Nominations

/lrjl

**Annual Report of the Senate Planning and Priorities Committee -
April 1, 2009 to March 31, 2010**

Preamble

1. The terms of reference of the Senate Planning and Priorities Committee (SPPC) are found on the website at:
http://www.umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/508.htm

Observations

1. Membership of the Committee during the reporting period included:

Elected by Senate:

Prof. J. Blatz (Chair)
Prof. M. Bartell
Ms. A. Ducas
Prof. E. Epp
Prof. M. Freund

Prof. D. Fuchs
Prof. M. Gabbert
Prof. M. Matthews
Prof. D. Smyth
Prof. J. Young

Student Members:

Mr. M. Tripple
TBA
TBA

Ex-officio Members:

Dr. R. Lobdell Vice-Provost (Programs) – designate for President
Prof. K. Grant, Vice-Provost (Academic Affairs)
Mrs. D. McCallum, Vice-President (Administration)
Dr. D.R. Morphy, Vice-Provost (Student Affairs)
Dr. J. Ristock, Associate Vice-President (Research)

Others:

Ms. M. Brolley, Recording Secretary
Mr. J. Leclerc, University Secretary

2. The work of the Committee is carried out by three subcommittees:

Program and Curriculum Planning - chaired by D. Fuchs
Space Planning - chaired by E. Epp
Finance Planning - chaired by J. Blatz

3. During the period April 1, 2009 to March 31, 2010, the Senate Planning and Priorities Committee met on seven occasions; April 27, 2009, May 25, 2009, September 28, 2009, October 26, 2009, November 30, 2009, January 25, 2010, and March 23, 2009. The appropriate reports of the Senate Planning and Priorities Committee are included in the Senate Minutes.
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 contributed to discussion of the University Budget through a series of meetings in 2009 and continuing in 2010.
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 Secretary, Meg Brolley, 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,

James Blatz, Chair
Senate Planning and Priorities Committee

Preamble

The terms of reference for the Senate Committee on Rules and Procedures are found in the following link:

http://umanitoba.ca/admin/governance/governing_documents/governance/sen_committees/509.htm

1. The Committee is charged with providing advice and making recommendations to Senate on:
 - (a) proposed rules and procedures governing Senate and its Standing Committees; and
 - (b) proposed amendments to Faculty/School Council Bylaws.
2. On behalf of Senate, the Committee reviews new or amended bylaws proposed by department councils prior to consideration by a Faculty or School Council.

Observations

1. Members of the Committee for the 2008-2009 were: Professor T. Anna (Arts), Professor J. Anderson (Science), Professor M. Brabston (I.H. Asper School of Business), Professor K. Adams (Libraries), Professor P. King (Science), Mr. J. Lyons (Student), and Dean J. Doering (Graduate Studies) as Chair.
2. No requests to consider amendments to Faculty Council Bylaws were received.
3. No requests to consider amendments to Departmental Council Bylaws were received.
4. The Committee has recently finalized a report for approval at the May 19, 2010 Senate meeting.

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. Members of the Committee for 2009-2010 were:

Digvir Jayas, Vice-President (Research), as Chair
David T. Barnard, President and Vice-Chancellor (Ex-Officio)
Karen Grant, Vice-Provost (Academic Affairs) (Ex-Officio)
Gary Glavin, Associate Vice-President (Research)
Janice Ristock, Associate Vice-President (Research)
Jay Doering, Dean Faculty of Graduate Studies
David Barber, Associate Dean Research, Faculty of Environment, Earth and Resources
Andy Bonar, Graduate Students' Association
David Collins, Dean, Faculty of Pharmacy
Barbara Crutchley, Director, Office of Research Services
Jim Davie, Department of Biochemistry and Medical Genetics
Mr. Gordon Fitzell, Faculty of Music
Paul Hess, Director, School of Art
Nancy Klos, Associate Director, Research Grants
Rick Linden, Department of Sociology
Patricia Martens, Department of Community Health Sciences
Lisa Quinn, PhD Candidate, Natural Resources
Adele Perry, Department of History
Michael Trevan, Dean, Faculty of Agricultural and Food Sciences (Away on Admin leave January 1, 2010 to June 30, 2010)
Karin Wittenberg, Faculty of Agricultural & Food Sciences
Roberta Woodgate, Faculty of Nursing
Mark Whitmore, Dean, Faculty of Science (Away on Admin leave January 1, 2010 to June 30, 2010)

2. During the reporting period the Committee met four times as outlined below:

May 21, 2009	Approved the membership of the 2009 Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award Selection Committee.
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Reviewed and recommended to Senate the proposal to establish a professorship in Spinal Cord Research.

Reviewed and recommended to Senate the changes to the Policy for Research Centres, Institutes and Groups.

October 15, 2009

Reviewed and recommended to Senate the proposal to establish a Manitoba Institute for Materials.

Reviewed and recommended to Senate that the Institute for Humanities be renewed for a three year period.

Learned Dr. Harvey Chochinov was the recipient of the Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation award for the year 2009.

Reviewed and recommended to Senate a proposal to establish an Endowed Chair of Surgical Research.

Learned of the establishment of the Experimental Media Research Group.

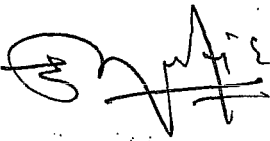
December 10, 2009

Approved the membership of the Rh Awards Selection Committee, 2009

February 11, 2010

Reviewed and recommended to Senate the establishment of an Endowed Research Chair in Hepatology.

Respectfully submitted,



Digvir S. Jayas, Ph.D.

Chair, Senate Committee on University Research

/sj

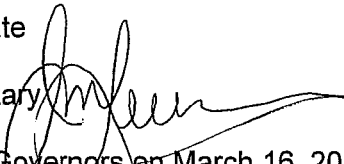


UNIVERSITY
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Office of the University Secretary

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MEMORANDUM

DATE: March 29, 2010
TO: Dr. David Barnard, Chair of Senate
FROM: Jeff M. Leclerc, University Secretary 
SUBJECT: Items approved by the Board of Governors on March 16, 2010

The Board of Governors, at a meeting held on March 16, 2010, considered the following items of interest to Senate:

Proposals for Programs

The Board of Governors approved the proposals for:

- Bachelor of Arts: Integrated Studies [as recommended by Senate March 3, 2010],
- Ph.D. in Food Science and a Ph.D. in Human Nutritional Sciences [as recommended by Senate March 3, 2010] and the
- Master of Dentistry in Pediatric Dentistry [as recommended by Senate March 3, 2010].

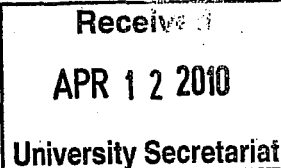
Reports of the Senate Committee on Awards

The Board of Governors approved the reports of the Senate Committee on Awards [dated December 15, 2009 and January 11, 2010] and the amended offer, as set out in Appendix A of the Addendum to the Report of the Senate Committee on Awards [dated November 10, 2009]



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April 7, 2010

TO: Jay Doering, Dean, Faculty of Graduate Studies
FROM: Joanne C. Keselman, Vice-President (Academic) & Provost
SUBJECT: Implementation of Ph.D. in Native Studies

JKC for JCK

At its meeting of 11 March 2010, the COPSE Council approved our proposal for the establishment of a Ph.D. program in Native Studies.

As detailed in my memorandum of 12 February, funding for this program has been approved. Accordingly, I hereby approve implementation of this new degree program with effect from September 2010.

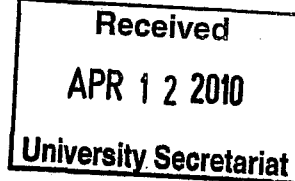
On behalf of the University, I extend congratulations to all those who over the years have worked so hard to design this program. I look forward to hearing of its development and success in the years ahead.

cc Richard Lobdell, Vice-Provost (Programs)
Neil Marnoch, Registrar
Jeff Leclerc, University Secretary



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April 7, 2010

TO: Jay Doering, Dean, Faculty of Graduate Studies
FROM: Joanne C. Keselman, Vice-President (Academic) & Provost
SUBJECT: Implementation of Integrated DMD/PhD in Dentistry

At its meeting of 11 March 2010, the COPSE Council approved our proposal for the establishment of an integrated DMD/PhD program in Dentistry.

Because this program requires no additional financial resources, I hereby approve implementation of this new program with effect from September 2010.

On behalf of the University, I extend congratulations to all those who over the years have worked so hard to design this program. I look forward to hearing of its development and success in the years ahead.

cc Anthony Iacopino, Dean, Faculty of Dentistry
Richard Lobdell, Vice-Provost (Programs and Planning)
Neil Marnoch, Registrar
Jeff Leclerc, University Secretary

SCHEDULE OF MEETINGS AND AGENDA MAILINGS
SENATE AND SENATE EXECUTIVE COMMITTEE

June 2010 to December 2011

Date for Items to the Secretary	Agenda to the Executive Committee	Executive Committee Meetings	Agenda to Senate Members	Senate Meetings
May 27, 2010	June 3, 2010	June 9, 2010	June 17, 2010	June 23, 2010
August 12, 2010	August 19, 2010	August 25, 2010	September 2, 2010	September 8, 2010
September 9, 2010	September 16, 2010	September 22, 2010	September 30, 2010	October 6, 2010
October 7, 2010	October 14, 2010	October 20, 2010 (am)	October 28, 2010	November 3, 2010
November 4, 2010	November 11, 2010	November 17, 2010	November 25, 2010	December 1, 2010
November 25, 2010	December 2, 2010	December 8, 2010	December 16, 2010	January 5, 2011
January 6, 2011	January 13, 2011	January 19, 2011	January 27, 2011	February 2, 2011
January 3, 2011	February 10, 2011	February 16, 2011	February 24, 2011	March 2, 2011
March 3, 2011	March 10, 2011	March 16, 2011	March 31, 2011	April 6, 2011
April 21, 2011	April 28, 2011	May 4, 2011	May 12, 2011	May 18, 2011
May 26, 2011	June 2, 2011	June 8, 2011	June 16, 2011	June 22, 2011
August 11, 2011	August 18, 2011	August 24, 2011	September 1, 2011	September 7, 2011
September 8, 2011	September 15, 2011	September 21, 2011	September 29, 2011	October 5, 2011
October 6, 2011	October 13, 2011	October 19, 2011	October 28, 2011	November 2, 2011
November 10, 2011	November 17, 2011	November 23, 2011	November 25, 2011	December 7, 2011

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1. Senate meets the last week 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.
5. Senate Executive will meet at 9:00 am on October 20, 2010 due to Fall Convocation.

PRESIDENT'S REPORT: May 19, 2010

GENERAL

April 26 marked the ceremonial kick-off of construction on Project Domino, the largest and most ambitious redevelopment project in the University of Manitoba's 133-year history. At a ground-breaking ceremony for the new student residence building, I was joined by Manitoba Premier Greg Selinger, the Honourable Diane McGifford, Minister of Advanced Education for Manitoba, Ken McCrea, President and CEO of Wawanesa Mutual Insurance Company, and other distinguished guests. At that time, a \$400,000 gift from Wawanesa Mutual Insurance Company toward the project was announced.

This construction activity at the University of Manitoba, apparent in several other locations throughout our campuses, will soon increase due to the accelerated construction plan for the football stadium on the Fort Garry campus. \$22.5 million is slated to come to the University from three levels of government for a new fitness centre, and construction on the stadium itself is expected to start with the official sod-turning on Thursday, May 20. A second round of community consultations took place on April 21, during which representatives from the University of Manitoba, Winnipeg Football Club and Creswin Properties were on hand to discuss the stadium, and the plans and drawings were on display.

Every year at the University of Manitoba, the Arthur V. Mauro Centre for Peace and Justice Studies organizes a Sol Kanee Lecture on International Peace and Justice. On April 26, I had the opportunity of participating in a similarly-named lecture at the Shaarey Zedek Synagogue, at which the speaker was Ambassador Dore Gold, formerly Israeli Ambassador to the United Nations, and now CEO of the Jerusalem Centre for Public Affairs.

Based on indications from the provincial government that tuition increases of greater than 5% may be considered for professional programs, a number of faculties, including the Faculty of Graduate Studies, developed tuition fee increase proposals for consideration of the Province. These proposals were based on a number of criteria, as previously circulated: that tuition increases should bring fees closer to the levels of peer universities, that increases should be phased in over time where possible, and increased fees would be targeted to improving programs and services, and increasing accessibility. It is anticipated that discussions with the province about these proposals will occur over the upcoming weeks.

A number of celebrations of excellence at the University of Manitoba have occurred recently. I have had the opportunity to celebrate the achievements of graduating students at specific events honouring international and Aboriginal students, and to participate in the graduation ceremony for students from the Faculty of Agricultural and Food Sciences. Every year, students from faculties throughout the university recognize the contributions that teachers have made in their lives – both before they reach university and during their time spent studying here – and this year, and I was able to join them to recognize their teachers' important contributions. A group of students participating in the Student Leadership and Global Citizenship spent ten days thinking and talking about student leadership, international development, and global citizenship, and considering what contributions they can make to the world. They have shared the outcomes of their conference and their ideas, and I was impressed by their commitment and their energy. The achievements of researchers in Medicine and Dentistry were recognized by the Manitoba Medical Service Foundation this month, and I was fortunate to take part in this event as well. All of these events, plus more too numerous to mention, are a strong indication of the breadth of activities and accomplishments of members of our community.

ACADEMIC MATTERS

- Frank Hawthorne, Environment, Earth, and Resources was awarded The Carnegie Medal for 2009 by the Carnegie Museum and the Hillman Foundation (USA) for Research, Publication and Teaching in the Mineral Sciences.
- James Xidos, Chemistry, is coordinating the first *Science Rendezvous* at the University of Manitoba on May 8, 2010 with the Faculties of Science, Engineering and Human Ecology. *Science Rendezvous* is a unique initiative that takes place across partnering university and college campuses and at select research hospitals, cultural, and public sites across the country. From the serious to the fun and quirky, free events and lab tours take place on campuses in a variety of venues, engaging adults, families and children in a day of fun and exploration.
- Landscape Architecture graduate students, Kathryn Voroney and Aileen Zubriski, have won the *TD Friends of the Environmental Foundation* award, for their proposal "Uncovering Water, Exposing the Storm Water System Through Sustainable Design". This is a national competition in which 300 teams propose ways to improve Canada's environmental sustainability.
- Asper's MBA students, Andrea Legary and Anocha Jivanuwong and undergraduate student Katherine O'Rourke (A2K technologies team) are to be congratulated for their performance in the University of Oregon's New Venture Championship competition. A2K opened the competition in one of the competition's toughest tracks and earned a second place finish behind Cornell University. Based on this finish the team moved on to the Lightning Round where they were evaluated based on their ability to adapt their go-to-market strategy in 20 minutes based on input from a panel of successful entrepreneurs. A2K finished first in their Lightning Round. The team's final competition will be at MOOT Corp. Global in Austin, TX in May.
- The A2K technologies team also participated in the inaugural Alerus Entrepreneurship Challenge hosted by the University of North Dakota and received all the competition's awards: Most Innovative Idea; Best Elevator Pitch and Grand Champion. This is A2K's second first place finish and the Asper School's world record 46th first place finish.
- Carolyn Cameron, undergraduate student, Kinesiology and Recreation Management, received Skate Canada's Club and Recreation Coach Award of Excellence for 2010. The prestigious national honour is awarded annually to a Skate Canada coach who best exemplifies excellence and success in teaching, while reflecting the "passion, spirit and triumph of figure skating in Canada."
- Catherine Daniel, music graduate (2007), recently made her professional opera debut as Mercedes in the Manitoba Opera's production of *Carmen*. Catherine is currently in her second year with Atelier Lyrique de L'Opéra de Montreal.
- Bison athlete, Mike Hellyer, was named the Canada West Men's Hockey Husky-WHL Graduate of the Month for March 2010. Hellyer, a third-year forward, is the ninth Bison to win this prize.
- Former Bison Men's Volleyball Assistant Coach and University of Manitoba alumni, Scott Koskie, was named Volleyball Canada's new Women's National Team Assistant Coach.

- The Manitoba Agricultural Hall of Fame has announced its inductees for 2010 and we are proud to note they include two Faculty alumni: Cam Brown (BSA/52, MSc/55) and Doug Fletcher (BSA/32) (deceased) will be among the six honored on July 15, 2010.
- The U of M Press notes two recent Manitoba Book Awards: Best Illustrated Book Award, *All Our Changes* by Gerry Kopelow; and The Carol Shields City of Winnipeg Award, *Prairie Metropolis* edited by Esyllt Jones and Gerald Friesen.

RESEARCH MATTERS

- The Canada Research Chair (CRC) program awarded the University of Manitoba one new CRC and renewed four existing CRCs in late March. The new CRC is Dr. Debbie Kelly, (CRC in Comparative Cognition). This CRC explores age-related degenerative diseases such as Alzheimer's Disease. The four renewed CRCs are: Dr. James Blanchard (CRC in Epidemiology and Global Public Health), Dr. Harvey Max Chochinov (CRC in Palliative Care), Dr. Peter Loewen (CRC in Protein Chemistry), and Dr. Verena Menec (CRC in Healthy Aging).
- The Natural Sciences and Engineering Research Council of Canada (NSERC) announced \$8,940,745 in funding for researchers, who received NSERC Discovery Grants. \$1,652,800 for 48 projects to graduate, doctoral and post-doctoral researchers was also awarded.
- Jonathan McGavock (pediatrics & child health) and research scientist at the Manitoba Institute of Child Health received the annual diabetes research award of \$98,000 from the Cosmopolitan Foundation of Canada. McGavock is studying the impact of rigorous physical activity on risk factors for type 2 diabetes in overweight adolescents. This award more than doubles the previous award given to the University of Manitoba in 2005.
- Four researchers received funding totalling \$399,800 from Manitoba Hydro and the Manitoba Pork Council. Project leaders are Steven Ferguson (Centre for Earth Observation Sciences), Tricia Stadnyk (civil engineering), Karin Wittenberg (agricultural and food sciences). The projects include, respectively, the study of predator-prey relationships under climate change between polar bears and ringed seals in Hudson Bay; development of a stable isotope monitoring network; and funding for swine-related research projects.
- Five health researchers received funding totaling \$511,272 from five sponsors: Cenovus Energy Inc, National Collaborating Centre for Infectious Diseases, National Institutes of Health, University of British Columbia, and the University of Manitoba Faculty of Medicine. Project leaders are Nicola Koper (Natural Resource Institute), Keith Fowke (medical microbiology), James Blanchard (medical microbiology), Shyamala Dakshinamurti (pediatrics/physiology), and Hilary Grocott (anaesthesia). The five projects involve the study of the effects of shallow gas development on grassland songbirds, support for infectious diseases and global health training programs, publication of the emergent properties meeting in the Journal of Sexually Transmitted Infections, 8-isoprostane mediate inflammatory and apoptosis processes, and cardiac anaesthesia research.

- The Canada Foundation for Innovation – Leaders Opportunity Fund awarded Pourang Irani (computer science) with \$376,790 to help set up the Collaborative Visual Analytics Laboratory, where he and his colleagues will develop innovative ways to extract relevant information from volumes of data – related to human reasoning abilities by means of interactive visual computer interfaces.
- The 2009 Rh Awards honouring researchers for current success and future potential were presented to the seven recipients on April 19, 2010. The recipients include: Applied Sciences – Mark Tachie (mechanical & manufacturing engineering), Creative Works – Laura Loewen (music), Health Sciences – Davinder Jassal (internal medicine & St. Boniface Hospital Research), Humanities – Emyllt Jones (history), Interdisciplinary – Javier Mignone (family social sciences), Natural Sciences – Johan van Lierop (physics & astronomy), and Social Sciences – Andrew Woolford (sociology). Each recipient receives \$10,000 to support their research programs.
- The Centre on Aging 27th Annual Spring Research Symposium was held on May 3. The latest research on age-friendly communities, buildings, hearing loss, technology to fight knee osteoarthritis, and housing options other than personal care homes, to name a few, were presented. Minister Jim Rourke was presented with the *2010 Profile of Manitoba's Seniors*, a provincially-funded report compiled by the Centre on Aging, detailing the population of seniors living in Manitoba.
- “Research Report” is once again airing on CJOB during the Sunday morning Weekend Wakeup Show (6:45 a.m.). Every week a 5-7 minute interview highlights research being conducted at the University of Manitoba and the host of the program interviews the researcher or graduate student conducting the research. This initiative is being coordinated by the Office of the Vice-President (Research).
- *ResearchLIFE*, the University of Manitoba research magazine launched in 2009, is the recipient of a Gold award in the 2010 Canadian Council for the Advancement of Education (CCAEE) Prix D'Excellence awards program. The award is in the Best Magazine category (under \$100K) in the Doctoral/Medical Institution Category. This achievement will be acknowledged at the CCAEE annual conference in June 2010 in Victoria. *ResearchLIFE* is a publication of the Office of the Vice-President (Research) and its editor is Janine Harasymchuk, the Communications & Marketing Manager.
- Nursing's 2010 Researcher-in-Residence program will be held in May 2010. The Research in Residence program was created to promote excellence in nursing research in the Province of Manitoba, by inviting researchers to visit the Faculty and be available to the nursing community. The choice of researcher is based on the current needs of the Faculty. Margaret Sandelowski and Cary C. Boshamer, University of North Carolina, will share their expertise in nursing and social science anthologies and journals in the areas of technology and gender, particularly reproductive technology and technology in nursing, and qualitative and mixed-methods research.
- Lars Andreassen, Entomology Ph.D. student, received the 2010 John H. Borden Scholarship from the Entomological Society of Canada. The award is given to a Canadian graduate student working in the area of integrated pest management (IPM) of insect pests, and is made on the basis of high scholastic achievement and innovative research in IPM.

ADMINISTRATIVE MATTERS

- ROSE Project - Project governance has been established including the engagement of an operating committee which is comprised of PwC consultants, senior administrative staff and senior academic administrators to assist with driving the ROSE project forward. Working committees have been set up for each stream and the many associated sub-streams.

Meetings have been held with Provosts Council, Administrative Council and Middle Managers on the governance structure and progress to date.

“As-Is” process workshops are underway. Participants in all streams have been mapping and validating existing processes and will soon begin designing the desired “To-Be” state. Staff engagement and participation on the working committees has been excellent.

Three pilot projects to design, implement and evaluate enhanced service delivery models are underway. These pilots include: desktop support at the Bannatyne Campus; the Hire to Pay Process for the School of Art and Faculty of Education; and, Communication and Marketing Efforts for Arts, Asper School of Business, Enrolment Services, Riddell Faculty of Environment, Earth and Resources, Extended Education, Science and University 1.

A key aspect of the ROSE project is the change management strategy which has been designed to ensure stakeholders are engaged and that implemented process changes “stick”. A communication strategy has also been developed to ensure the community is updated on a regular basis.

Deborah McCallum will present on the ROSE project at a “Business Process Redesign” session at the Annual Canadian Association of University Business Officers (CAUBO) conference in June 2010. Jake Gebert from the University of Calgary will co-present with respect to their “IS2” project.

- Duff Roblin Fire Recovery - Re-occupancy of the East side by July 2010 for Psychology and Anthropology is on schedule. The West side re-occupancy date is tentatively scheduled for September 2011. Deborah McCallum, together with Terry Sullivan from McMaster University, will present on “Lessons Learned from Two Major Campus Fires” at the annual CAUBO conference this June.
- New Construction and Development Web Page - The new Construction and Project Advisories web page is now live and linked directly to the new home page with further information about infrastructure projects linked to the Vice-President Administration site. The web address is http://www.umanitoba.ca/admin/vp_admin/const/index.html. The site includes weekly advisories, timeline updates, safety updates, descriptions and visuals of upcoming projects and recently completed projects.
- Pembina Hall - Pembina Hall is closing in May due to the construction of the new residence. Relocation of staff to A.V. Mauro/Tache/UCollege and making preparations to feed the resident students from the Multi-Purpose Room for several months during construction has been the focus.

- University Club Wrap-up continues which involves paying outstanding accounts, selling used furniture/equipment, returning rented equipment and taking a full inventory. The close-out cost is approximately \$120,000 which is significantly less than the \$190,000 requested as compensation for closing the Club from June to November 2010.
- Bargaining – UMFA negotiations commenced April 19. Negotiations are ongoing with AESES Security whose Collective Agreement will terminate September 17, 2010.
- A revised Pension Legislation will soon be in place and will result in many changes to the Pension Committee and the participation of plan members who currently cease contributions at age 69. The new limit will be age 71.
- Gerry Miller, the Executive Director of Information Services and Technology, retired on April 31, 2010. Caldwell Partners International has been retained to assist with a nationwide search for a replacement. Marvin Kocay, Director, IST Computer/Network Services has been appointed Acting Executive Director until a replacement is found.
- Electronic Pay Stubs – Information is in place on the web for Electronic Paystubs, the JUMP page has been populated with the earning statement channel. Financial Services and Human Resources have gone live with epay stubs. All remaining employees will be phased in over the next 4-6 months.
- Operating Reports – The Aurora customer service team is completing a project to switch from paper reports being mailed out each month to electronic delivery.
- Staff Recognition – Joe Lucas, Manager, Engineering Services, Physical Plant has been designated a Fellow by Engineering Canada in honour of his exceptional contributions to the engineering profession in Canada.
- Parking
 - The new automated staff parking renewal project will be completed in time for the upcoming parking year. U of M staff will no longer be required to go online to renew their assigned parking spot each year.
 - “N” lot will be closed from May 3 until September 10, 2010 due to extensive sewage, landscape and excavation work over the summer. All “N” lot permit holders have been re-assigned to “B” lot during this period.
 - In response to student groups requesting increased short term casual parking, the expansion of “L” lot pay & display area at the east end of the campus will provide an additional 75 spaces. This project should be completed by August 1, 2010.
 - New electronic pay and display parking equipment will be installed in “S.D.” lot by August 1, 2010. This upgrade will see the final step in changing over mechanical parking equipment on campus, with only electronic and solar equipment now being supported.
- Outdoor Emergency Notification System - a draft RFP for an outdoor emergency notification system is complete. Once installed, this will address the identified “outdoor” gap to the current emergency notification system and will augment the classroom phones, emergency phones, blue light towers, voice-mail, text-mail, etc.

- Canadian Universities Reciprocal Insurance Exchange (CURIE) – The Office of Risk Management has taken advantage of a number of programs offered to the University by the insurer CURIE:
 - Risk Management Services (RMS)
 - Sport Risk Program
 - Student Special Events Program (negotiating with Student Services to explore the value of such a program on campus)
 - Laboratory Inspection Services

These programs/services are completely or partially funded by CURIE.

- The Bike Compound Working Group is making good progress working toward a summer construction deadline. The survey is now closed and results are being converted into a report with recommendations that will be submitted by mid-May 2010.
- The Sustainability Committee has been revamped and the first meeting took place on May 6, 2010. The Committee will work on reviewing the draft sustainability Policy and Procedure and developing an action plan for the campus.
- Smartpark – Manitoba Conservation is donating an additional 20 five foot white spruce trees to Smartpark. They are also donating and planting, under the provincial trees for Tomorrow program, a mix of 13,200 poplar and spruce seedlings on Smartpark's 24 acre parcel along Pembina Highway.
- Eureka Project – Renovations to double the capacity of the incubator, funded by the Federal Knowledge Infrastructure Program, commenced in December 2009. The expanded facility will enable the Eureka Project to reduce its dependency on outside/government funding. Several prospective startup clients are interested and it is projected that the facility will be fully occupied by July 2010.
- Preparations for the 22nd annual Campus Security Administrators Workshop (CSAW) are in the final stages. The University of Manitoba is hosting the conference May 6 – 7, 2010 and approximately 35 delegates are expected to attend.
- The Manitoba Marathon communications team will set up operations in the Welcome Centre for the June 20, 2010 event. The Full Marathon Start Line begins on University Crescent and participants cross the Finish Line in University Stadium. The 2.6 mile Super Run event will also start on University Crescent and will be routed around the perimeter of the campus (Freedman Crescent) resulting in restricted access to the Fort Garry Campus in the early hours of the morning (6:30 a.m. to 8:00).
- Financial Services and Treasury Services staff continues to work on the preparation of year end schedules for the financial statements. This is particularly challenging this year in light of the fact that many of the staff are participating in ROSE workshops.

EXTERNAL MATTERS

- In 2009-2010, the University of Manitoba raised \$30,267,419.52 in private donations.

- The Government Relations Office, in partnership with a number of other units, secured \$37,480,507 in non-traditional funds for several projects at the University of Manitoba in 2009/2010.
- Several External Relations projects and publications have recently won awards. The Alumni Association won the Bronze Award in the Best Photograph category of the 2010 Prix d'Excellence of the Canadian Council for the Advancement of Education (CCAEE) for the photo of Dr. Chau Pham on the cover of the December 2009 issue of *On Manitoba*. Public Affairs won a Silver Award for the itsmyfuture.ca site in the Best Program or Departmental Website category and a Gold Award for Best News Release on David Barber's Arctic research. Public Affairs also received two Council for the Advancement of Education (CASE) District 8 Awards: a Silver for the MORE brochure in Best Visual Design category and a Bronze for Campus Files in Best Video and Multi-media category.
- The Installation and Convocation dinner will take place on Tuesday, June 1, 2010 honouring the installation of Harvey Sector, BComm, LLB, LLM, LLD as Chancellor of The University of Manitoba and the honorary graduates of the 131th Spring Convocation. Harvey Sector is featured in the April issue of *On Manitoba*: <http://umanitoba.ca/people/alumni/manitoba/>
- The University of Manitoba news blog, <http://umanitoba.ca/news/blogs>, has ranked as high as 65 on Technorati's top 100 science blogs.
- At more than a million total views, the University of Manitoba's YouTube channel, <http://www.youtube.com/umanitoba>, contains over 60 videos with more added each month and the video content is as varied as the University itself. Two of the popular playlists are Campus Files, a light-hearted web series that looks beyond the front page of university news, and the 3-Minute Expert with researchers taking a few minutes to comment on everything from the iPad's touch interface, to how to sing opera, to food safety.
- Public Affairs worked jointly with IST to launch the university's new homepage and associated early adopter sites. This roll-out will continue as more faculties, departments and units migrate to the new design which makes it easier to accomplish tasks and find information, such as prospective students registering for courses, faculties updating their own content as well as news and events, finding out about student services, and promoting the University's social media channels, and so forth," Miller explains. "With the new site it is now easier than ever to accomplish those tasks.
- As part of Doors Open Winnipeg 2010, the University of Manitoba is opening its doors to the public with guided tours of the Bannatyne campus. Doors Open Winnipeg is May 29, 2010.

Report of the Senate Executive Committee

Preamble

The Executive Committee of Senate held its regular monthly meeting on the above date.

Observations

1. Speaker for the Executive Committee of Senate

Professor Judith Owens will be the Speaker for the Executive Committee for the May meeting of Senate.

2. Appointment of Vice-Chair, Senate Committee on Admission Appeals

Dr. Murray Ballance's term as Vice-Chair of the Senate Committee on Admission Appeals will conclude on June 30, 2010. Senate Executive has appointed Dr. David Mandzuk to the position of Vice-Chair of the Senate Committee on Admission Appeals for a term ending May 31, 2013.

3. Establishment of an *ad hoc* Committee to review M and W Requirements

In response to a recommendation of the Rules, Regulations, and Red Tape group of the OARs Project, the Senate Executive Committee has established an *ad hoc* Committee to review M and W Requirements. This Committee will report back to Senate Executive in November 2010. The terms of reference and composition of the committee are attached.

4. Comments of the Executive Committee of Senate

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

Respectfully submitted,

Dr. Joanne Keselman, Acting Chair
Senate Executive Committee

Terms of Reference:

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

/mb

M and W Review Terms of Reference

The ad hoc Committee to Review the University Math and Written English requirements is established by the Senate Executive Committee as a result of recommendations of the Optimizing Academic Resources (OARs) Project.

The terms of reference of the ad hoc Committee are:

- To conduct a review and make recommendations concerning the current University Written English ("W" courses) and Mathematics ("M" courses) requirements for undergraduate students.
- To consider the concerns expressed by the 3Rs Working Group, as enumerated in their March 12, 2010 correspondence to the University Secretary.
- To consider concerns or issues from other constituents or arising from the review regarding the current "M" and "W" requirements.
- To consider the criteria for "M" and "W" courses, including the approval process and review process of existing "M" and "W" courses.
- To report on the efficacy of the "M" and "W" requirements and make any recommendations on the continuation, modification, or abolition of the requirements.
- To report back to the Senate Executive Committee by November, 15, 2010.

The composition of the ad hoc Committee shall include:

- As co-Chairs: Professor Judith Owens, Head, Department of English, Film, and Theatre, member of Senate Executive, and Professor Joe Williams, Associate Head, Mathematics Department.
- Two members of the Senate Committee on Curriculum and Course Changes, named by the Chair of that Committee.
- One faculty member who teaches "M" courses, named by the Chairs of the ad hoc Committee.
- One faculty member who teaches "W" courses, named by the Chairs of the ad hoc Committee.
- Two undergraduate students, named by the Chairs of the ad hoc Committee.
- Up to two other members with experience in mathematics-across-the-curriculum and writing-across-the curriculum projects, named by the ad hoc Committee.
- The Coordinator, Learning Assistance Centre as a resource (non-voting).
- The Director of University Teaching Services as a resource (non-voting).
- One member of the staff of the Office of the University Secretary to serve as resource person and recording secretary (non-voting).

Revised May 5, 2010

Report of the Senate Committee on Rules and Procedures regarding the proportion of Senators elected by faculty and school councils pursuant to section 27(1) of the *University of Manitoba Act*

Preamble

1. The terms of reference of the Senate Committee on Rules and Procedures is available online on the Governance website wherein the committee is charged to "at the request of Senate or any committee thereof, or on its own motion, to consider and recommend on any matter concerning rules and procedures".
2. In June of 2008, the Senate Executive Committee referred the matter of senate representation by members elected to Senate by faculty and school councils to the Senate Committee on Rules and Procedures for consideration and review. The last such review occurred in 1975.

Observations

1. While this matter was referred to the Committee as a result of a proposal for GFT reform in the Faculty of Medicine, the Committee felt it should more broadly review the process for allocating Senators to faculties and schools generally before specifically focusing on one faculty or school.
2. Under the current Rules, proportionate representation is determined by determining the total number of Senators to be elected by Faculty and School Councils (this number is twice the number of *ex officio* members of Senate in any given year) and applying a formula based on the number of eligible electors in any given faculty or school council as a proportion of the total number of eligible electors from all faculties and schools. Included in this number are all those academics holding full time positions and all those voting support staff members of faculty and school councils.
3. The Committee asked the University Secretary to research three questions:
 - How do other medical/doctoral universities determine the number and proportion of senators elected by faculties and schools?
 - How has the proportion of Senators elected by Faculty and School Councils changed since the current formula was first used in 1975?
 - What options are there for re-calibrating what is done at the University of Manitoba, should that be required.
4. With regard to the second question; since 1975, there have been gradual, but in some cases significant changes in the proportion of Senators by unit. In 1975 and 2010 there 63 and 68 Senators, respectively, elected by Faculty and School Councils. Seven units have the same number of Senators now as in 1975 (Dentistry, Art, Law, Music, Nursing, Pharmacy and Social Work). Although the number of elected Senators has increased over the last 35 years, seven units have fewer Senators now than in 1975 (Agriculture -1,

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

Architecture -1, Arts -5, Education -2, Engineering -1, Human Ecology -1, Business -2, and Science -2). Two units have more Senators than in 1975 (Kinesiology +1 and Medicine +13). Of these three the most significant change is Medicine that has gone from having 11 Senators or 17.5% of the representation elected by faculty and school councils in 1975 to 24 (35.3%) of those Senators today. As the numbers of GFT faculty members has increased at a greater speed than other full time faculty members, Medicine's representation on Senate has slowly but significantly increased. A chart summarizing the change in representation in raw numbers of senators per unit elected by faculty and school councils is appended to this report (Appendix 'A').

5. The Committee observes that while it makes sense for some faculties and schools to have more representation on Senate than others, it is important to the purpose of Senate to place a limit on the maximum percentage of faculty and school council seats that any one faculty or school can hold.
6. In order to address the question of how other medical/doctoral universities determine the number and proportion of Senators elected by faculties and schools, thirteen English-language medical-doctoral universities were surveyed (UBC, Alberta, Calgary, Saskatchewan, Manitoba, McMaster, Toronto, Western Ontario, Queen's, Ottawa, McGill, Dalhousie and Memorial). Of the 13 institutions:
 - Seven use the principle of the number of Faculty Senators elected being at least twice the number of ex officio members on Senate (UBC, McMaster, Saskatchewan, Manitoba, Memorial, Alberta and Calgary).
 - Of those seven, four proportion the number of Senators each faculty and school is entitled to elect based on full time faculty members in each faculty and school (Manitoba, Memorial, Alberta and Calgary).
 - Of those seven, three have two or three Senators elected by each faculty and school and the rest are elected at large by all faculty members across the University (UBC, McMaster and Saskatchewan).
 - One (McGill) has the number of Senators per Faculty and School defined in governing legislation.
 - One (Western) has a number of Senators per Faculty and School defined in legislation, but the Senate can request a change in that part of the legislation with a two-thirds vote.
 - One (Dalhousie) has a blended formula using the number of full time faculty members **and** the number of FTE students together to determine the number of Senators each faculty and school is entitled to elect.
 - One (Ottawa) has two ex officio Senators per Faculty and one Senator elected by Faculty Council per faculty.
 - Two (Queen's and Toronto) have the number of Senators per faculty and school set by the Board of Trustees and Governing Council respectively.

7. As the survey of other institutions finds, there are a few different models at use in Canada, and some of the models could not be used at the University of Manitoba. For example, electing Senators in at-large elections across the University would not work because it would violate section 27(1) of the University of Manitoba Act, which states:

27(1) **Each faculty council and each school council shall annually elect** such number of persons to be members of senate as the senate has determined the faculty council or school council is entitled to elect (emphasis added).

8. Based on the gradual, but significant changes in the proportionality of Senators by Faculty and Schools, the Committee has concluded that the formula used in 1975 to determine the allocation of Senators to faculties and schools no longer provides an appropriate result. The Committee also observes that the need to ensure that all faculties and schools are appropriately represented in Senate elections, warrants changes to the formula used at the University of Manitoba.
9. In light of the Committee's desire to update and adjust the formula, the Committee considered a number of models including:
- the status quo;
 - allocating each unit an equal number of Senators regardless of size;
 - considering both student and faculty numbers in determining the allocation;
 - weighting faculty based on the type of appointment they hold for the purposes of determining each unit's allocation; or
 - setting a maximum percentage (cap) of the Senators elected by faculty and school councils. This would be the status quo with a cap introduced.
10. After careful consideration the Committee recommends the last option, i.e., setting a cap on the maximum number of Senators that can be elected by any faculty or school council. The Committee feels that this change maintains the spirit of what is done now, while ensuring an equitable distribution of Senate seats. The Committee recommends that the cap be set at twenty (20) percent of the total number of Senators elected by faculty and school councils. An example of the distribution of seats using the new model is attached (Appendix 'B').
11. At the present time, academic staff members from Student Affairs and Extended Education are considered as one constituency for the purposes of Senate elections. In practice, Student Affairs elects one Senator, and Extended Education the other. The Committee recommends that the rules related to Senate elections be modified to split these constituencies.
12. Finally the Committee noted that the current provisions regarding the election of Senators by faculty and school councils has not been reviewed in 35 years. The Committee recommends that these provisions be reviewed by the Committee at least every six years.

Recommendations

The Senate Committee on Rules and Procedures recommends:

1. That Senate approve the changes to the Standing Rules of Senate Relating to Members Elected Under Section 27 of The University of Manitoba Act (the "Rules"), as outlined in Appendix C, effective for the 2011 Senate elections;
2. That Senate direct the University Secretary to ensure that the Rules are reviewed by the Senate Committee on Rules and Procedures at least once every six years.

Respectfully submitted,

Dean John Doering, Chair

Senate Committee on Rules and Procedures

/jml

Faculty/School	Total # of 1975 Senators	Total # of 10/11 Senators	Net Change
Agriculture	4	3	-1
Architecture	2	1	-1
Arts	14	9	-5
Extended Ed/Cnsl.	n/a	1	1
Dentistry	2	2	0
Education	4	2	-2
Engineering	4	3	-1
Environment	n/a	2	2
Fine Arts	1	1	0
Human Ecology	2	1	-1
Law	1	1	0
Library	n/a	2	2
Management	3	1	-2
Medicine	11	24	13
Music	1	1	0
Nursing	2	2	0
Pharmacy	1	1	0
Kinesiology	1	2	1
Science	9	7	-2
Social Work	1	1	0
Total	63	68	5

SEATS on SENATE (20% Cap Model)

2010-11 Faculty/Support Staff
on Faculty/School Council

Number of Senators

Faculty/School	Faculty	Support	Subtot. Staff	2010-11 Seats	Proposed	Diff.
Agric. & Food Sc.	76	2	78	3	4	1
Architecture	37	3	40	1	2	1
Arts	245	2	247	9	11	2
Extended Ed	36	4	40	1	2	1
Dentistry	48	2	50	2	2	0
Education	48	2	50	2	2	0
Engineering	81	2	83	3	4	1
Clayton H. Riddell	45	3	48	2	2	0
Fine Arts	20	8	28	1	1	0
Human Ecology	32	1	33	1	1	0
I.H. Asper	53	2	55	2	2	0
Kines. & Rec. Mgmt	35	12	47	2	2	0
Law	23	1	24	1	1	0
Library	63	1	64	2	3	1
Medicine	634	6	640	24	14	(10)
Music	25	1	26	1	1	0
Nursing	52	1	53	2	2	0
Pharmacy	19	1	20	1	1	0
Science	178	3	181	7	8	1
Social Work	38	2	40	1	2	1
sums	1788	59	1847	68	67	(1)

total ex-officio

34

ELECTION OF ACADEMIC AND SUPPORT STAFF TO SENATE

The University of Manitoba Act (the "Act") provides for the election of persons to Senate by each Faculty and School Council [Section 26(1)(n) and Section 27]. The method by which this is done is determined by Senate in the form of Standing Rules of Senate. The relevant sections of the Act are provided together with the Standing Rules which govern the process. Because the number of elected members of Senate is determined by formula using the list of eligible members of faculty/school councils, the size of Senate will change from time to time.

Provisions of The University of Manitoba Act Respecting Members Elected by Faculty and School Councils

Powers of Senate 34(z): From time to time, by by-law, determine the total number of persons to be elected as members of senate by the faculty councils and school councils, the total number of whom shall not be less than twice the number of persons mentioned in clauses 26(1)(c) to (j), (p) and (q).

1. Members from faculty councils, etc.

27(1) Each faculty council and each school council shall annually elect such number of persons to be members of senate as the senate has determined the faculty council or school council is entitled to so elect.

2. Terms of elected members

27(2) If a faculty council or school council is entitled to so elect as members of senate (a) only one person, he shall be elected for a three-year term; (b) two or more persons, such persons shall be respectively elected for such terms not exceeding three years as will result in their terms respectively expiring in successive years.

3. Termination of term of office

27(3) A person elected as provided in this section ceases to be a member of senate upon his ceasing to be a full-time member of the faculty or school by whose council he was elected.

4. Term of office

28(1) The term of office for which a member of the senate shall be appointed or elected under clauses 26(1)(k), (l) and (m) after the coming into force of this Act, other than to fill the unexpired term of a member of the senate who has ceased to be such, is subject to subsection (2) and to section 29, the number of years commencing on June 1 of the year of appointment or election hereinafter stated:

(a) the term of each member appointed by the board shall not exceed three years and not more than one term shall expire in any year;

(b) the term of each member elected by the students of the university under clause 26(1)(l) shall be as determined by the senate under clause 34(1)(cc);

(c) the term of each member appointed by the board of directors of the alumni association shall not exceed three years and not more than one term shall expire in any given year.

5. Continuation of term

28(2) A member of the senate whose term of office has expired on May 31 in any year shall continue as such until his successor has been appointed or elected and shall be eligible for re-appointment or re-election.

6. Notification of name of member

28(3) The body possessing the power of appointment or election of a member of senate shall forthwith after the appointment or the election by it of a member of the senate give notice thereof in writing to the secretary of the senate; and no appointed or elected member of the senate has the right to sit or act as a member of the senate unless his appointment or election is so certified in writing to the University Secretary.

7. Removal of member

29 Any appointed or elected member of the senate may be removed from office at any time by the body that appointed or elected him.

8. Vacancies

30(1) Where an appointed or an elected member of the senate resigns, ceases to be a member of senate or becomes incapable of acting, his seat becomes vacant; and a declaration of the existence of the vacancy entered upon the minutes of the senate is conclusive evidence thereof.

9. Filling of vacancies

31(1) Where a vacancy in the senate occurs from any cause, the vacancy shall, in the case of an appointed or an elected member, be filled by the body possessing the power of appointment or election; and the person so appointed or elected shall hold office for the remainder of the term of the person in whose place he is appointed or elected.

10. Minimum membership of senate

32 Notwithstanding any vacancies in the senate, the senate is legally constituted for all purposes so long as not fewer than 25 members of the senate remain in office.

11. Chancellor determines questions of membership

33 Where a question arises touching the election of an elected member of the senate or touching the right of any person to be, or sit or act as, a member of the senate, the question shall be determined by the chancellor or, at his option, by a committee consisting of the chancellor and such others as he may appoint.

12. Powers of senate

34(1) The senate has general charge of all matters of an academic character; and, without restricting the generality of the foregoing, the senate shall

(aa) by by-law, establish a formula for the determination of the number of members of senate, each faculty council, each school council, and each faculty council and school council joined for the purposes of the election, is entitled to elect, and in accordance with that formula determine the number of members of senate each faculty council, each school council, and each faculty council and school council joined for the purposes of the election, is entitled to elect;

(bb) by by-law, determine when the elections to which reference is made in clause (aa) are to occur and, if desired, the manner in which nominations shall be made and the elections conducted;

(dd) determine the eligibility of any person for election as a member of senate by a faculty council or a school council or a faculty council and school council joined for the purpose of the election.

Standing Rules of Senate Relating to Members Elected Under Section 27 of The University of Manitoba Act

1. Number of Representatives

The total number of Senators elected by faculty/school councils shall be not less than twice the number of *ex officio* members designated in Section 26(1), (c) to (j), (p) and (q) of the *Act*.

2. Eligibility for Nomination

All full-time members of the academic and support staff of the University who are members of a faculty/school council, in addition to those academic staff in Student Affairs, the Extended Education Division and the Libraries), except those designated *ex officio* under Section 26 of the *Act*, shall be eligible for election to Senate from the faculty/school council to which they belong or in which they have been accepted for purposes of Senate elections (see 3(b) below).

3. Eligibility to Vote

(a) All members of the academic and support staff (including *ex officio* members of Senate but excluding sessional and part-time support staff appointments) who are members of a faculty/school council having six or more members eligible for nomination are entitled to vote in Senate elections, provided that they are able to vote at the time and in the manner prescribed by Senate and faculty/school council by-laws or regulations. Members of the academic and support staff including those in Student Affairs, the Extended Education Division, and the Libraries are entitled to vote in Senate elections, and shall do so with the other eligible staff in their constituency.

(b) *Ex officio* members of Senate, who are not members of a faculty/school council having six or more members eligible for nomination may vote with any faculty/school council willing to accept them as members for the purposes of elections to Senate.

(c) In the case of cross-appointments, deans and directors shall ascertain from the individuals concerned the faculty/school council of which they wish to be considered members for the purpose of elections to Senate. Decisions must be communicated to the University Secretary in order that the number of Senators from each constituency may be made final.

4. Number to be Elected by Each Faculty/School Council Constituency

(a) Faculty/school councils, academic staff in Student Affairs, the Extended Education Division and the Libraries having six or more members eligible for nomination shall be entitled to at least one representative on Senate.

(b) The remaining places shall be distributed proportionately in accordance with procedures set forth below.

(c) No member of the University shall be counted, vote or be nominated in more than one faculty or school.

5. Procedures for Determining Proportionate Representation

(a) On December 31 of each year, the University Secretary shall be provided a list of all full-time academic staff of the University with the rank of instructor, lecturer, assistant professor, associate professor, and full professor, or the equivalent, in each faculty or school of the University, including members of the Student Affairs, the Extended Education Division and the Libraries.

(b) The University Secretary shall forward to each dean or director for verification the list of persons he/she considers eligible in each faculty or school.

(c) At the same time, the University Secretary shall notify the academic staff of the requirements of rules 3(b) and 3(c) above, inviting those concerned to make arrangements to join a faculty/school council for the purpose of Senate elections by January 31.

(d) During the first week in February, deans and directors shall return the lists with such amendments as may be necessary, including the addition of:

(i) the names of any members eligible for nomination whom the faculty/school council has accepted as members for the purpose of elections to Senate;

(ii) the names of support staff who are members of faculty/school councils; and

(iii) those names to be added in accordance with 3(c) above.

(e) Formula:

The University Secretary shall determine the number of representatives each council-constituency shall be entitled to elect to Senate by application of the following formula:

Let N = total full-time members eligible for nomination (see 2 above).

X = twice the number of *ex officio* members (see 4.2.1 above).

N_f = total eligible members of a faculty/school council constituency.

R_f = number elected from a faculty/school council constituency.

Then, $R_f = X/N$ times N_f .

R_f will rarely work out to be an integer. It should be computed to at least four significant figures. The number of Senators to be elected by a faculty or school shall be the integer closest to the value of R_f .

Example: If $R_f = 1.49$, the faculty will have one elected member.

_____ If $R_f = 1.50$, the faculty will have two elected members and so forth.

This is subject to the rule that a faculty or school council with six members eligible for nomination shall be entitled to elect at least one Senator.

This is also subject to the principle that no faculty or school council or other constituency shall be permitted to elect more than 20% of the Senators elected by Faculty or School Councils under section 27(1) of *The University of Manitoba Act*. In the event that the application of this formula would result in a faculty or school council or other constituency electing more than 20% of the Senators as noted above, that faculty or school council or constituency will be capped at 20% of the Senators and the calculation for the remaining constituencies will be adjusted iteratively in order to allocate the remaining Senate seats.

(NOTE: With these rules the number of elected Senators will not always work out to be exactly twice the number of *ex officio* members. In extreme cases it could be above or below the allotted number by a number equal to one-half the total number of faculties and schools. This is, however, an unlikely event, and it should usually work out to be within plus or minus two of the allotted number.)

6. Procedures for Election

Each council constituency shall be responsible for the conduct of its own election and shall formulate its own rules, provided that:

- (a) the election is completed and reported to the University Secretariat by April 15th at the latest;
- (b) all members eligible to vote are given at least 10 days' notice of vacancies to be filled together with a list of members eligible for election and a statement of procedures for filling nominations (by mail, meeting or electronic means);
- (c) all members eligible to vote are given at least 10 days' notice of nominations received.

7. By-Elections

When a vacancy occurs, 6(b) and 6(c) shall apply as far as possible provided that if a vacancy occurs within 45 days of the date of the annual election, it shall remain vacant until that date.

8. Replacements for Members of Senate Going on Leave

A faculty member intending to go on leave:

- (a) who has been a member for one year, may be replaced for a term of either one or two years, as determined by the faculty or school council;
- (b) who has been a member for two years, may be replaced for the remaining year;
- (c) who is going on a six-month leave, may be replaced for six months, or for one year, or for the remainder of the term of office, as determined by the faculty or school council.

9. Removal of a Member

(a) "Any appointed or elected member of the senate may be removed from office at any time by the body that appointed or elected" the member (*The University of Manitoba Act*, Section 29).

(b) A faculty or school council may remove its representative in accordance with the section on removal in the Faculty and School Council General By-Law.

(c) When a member of Senate elected by a faculty or school council has failed to attend three consecutive meetings of Senate, the member shall be notified by the Secretary with a copy to the dean or director of the faculty or school concerned. If the dean or director has not received a satisfactory explanation of the absences within a reasonable time of receipt of such notice, the dean or director shall in accordance with the procedure set forth in the Faculty/School Council General By-law, call a meeting of the council to consider a resolution to remove the member from office and elect a replacement. The University Secretary must be notified of the disposition of the matter.

10. Designates

There is no provision for individual members or assessors on Senate to name a delegate to their position. The only exception to this is the Deputy Minister of Education as provided for in Section 26(1)(q) of *The University of Manitoba Act*.

11. Assessors

(a) Senate from time to time by resolution may provide for assessor members to Senate.

(b) A person who is otherwise a member of Senate is not eligible to be an assessor to Senate.

(c) Assessors are permitted to participate fully in the deliberations of Senate but may not make or second motions, and may not vote.

(d) In the event that Senate moves into closed session, assessors will not be required to leave the Senate Chamber unless specifically excluded.

Revised by Senate Committee on Rules and Procedures 31 January 1975.

Amended by Senate 4 March 1975.

Amended by Senate 6 July 1976.

Amended by Senate 9 January 1979.

Amended by Senate 6 June 1990.

Amended by Senate 3 August 1993.

Amended by Senate June 28, 2000.

Draft amendments – March, 2010.

Report of the Faculty Council of Graduate Studies on Regulation Changes

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes, and new graduate programs. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider the following regulation changes for the Faculty of Graduate Studies Academic Guide:

[Note: Underlined items have been added to the section; ~~strikethrough~~ items have been deleted]

i) **SECTION 4.2: [Master's] Thesis/Practicum Examination Procedures – Oral Examination**

Normally, students must pass an oral examination on the subject of the thesis/practicum and matters relating thereto. The form of the oral examination will be as prescribed by the Supplementary Regulations of the major department. The oral examination shall be open to all members of the University of Manitoba community except in exceptional cases. The oral examination may be closed, for example, when the results of the thesis/ practicum research must be kept confidential for a period of time. In such cases, the examining committee and Department head shall recommend such action to the Dean of Graduate Studies who shall then approve that the final examination be closed to all but the examining committee and the Dean of Graduate Studies (or designate). It is expected that all members of the examining committee be present at the defense.

ii) **SECTION 5.2: [Ph.D.] Thesis Examination Procedures – Oral Examination**

A student must pass an oral examination on the subject of the thesis and matters relating thereto before he/she may obtain the Ph.D. degree. An oral examination committee consisting of not fewer than four persons shall conduct the examination. One of these shall be the Dean of Graduate Studies or his/her representative (chosen from among senior scholars at this University) who shall be Chair. The

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

other members shall normally be the thesis examiners. It is expected that all internal members of the examining committee be present at the defense.

iii) SECTION 4.2: [Master's] Thesis/Practicum Examination Procedures – Final Approval/Rejection

Following completion of the examination of the thesis/practicum, examiners will consider the oral examination and the written thesis/practicum to determine the nature of and procedures for approval of any revisions that will be required prior to submission to the Faculty of Graduate Studies. The advisor is normally responsible for ensuring that revisions are completed according to the instructions from the examining committee. The Faculty of Graduate Studies will accept the thesis/practicum only when it is submitted with a signed statement from the advisor that the required revision has been completed.

~~Note: A student whose Master's thesis or practicum has been rejected twice will be required to withdraw.~~

Note: A student will be required to withdraw when the Master's thesis or practicum has been rejected twice at the stage where:

- a) The examining committee reports on the merits of the written thesis;
- b) The defense; or
- c) A combination of both stages.

iv) SECTION 5.2: [Ph.D.] Thesis Examination Procedures – Report of the Committee

The final judgment of the examiners on the thesis and the oral examination shall be reported to the Dean of Graduate Studies in the terms 'approved' or 'unapproved'. An approved verdict must be unanimous, and each examiner must indicate, by his/her signature, concurrent with the verdict. In the case of a failure for the thesis at the Ph.D. level, a detailed written report will be prepared by the Chair and made available to the candidate and also submitted to the Faculty of Graduate Studies.

~~Note: A student who receives a failure on either the thesis or the oral examination twice shall be required to withdraw from the Faculty of Graduate Studies.~~

Note: A student will be required to withdraw when the Ph.D. thesis has been rejected twice at the stage where:

- a) The examining committee reports on the merits of the written thesis;
- b) The defense; or
- c) A combination of both stages.

v) SECTION 5: General Regulations: Ph.D. – Advance Credit

Advance credit for courses completed prior to admission to a Ph.D. program will be considered on an individual basis. The student's major department makes the request to the Faculty of Graduate Studies by completion of the "Recommendation for Advance Credit (Transfer of Courses)" form.

Note:

- 1. Application for advance credit must be made within the first year of the program (see Lapse of Credit of Courses in this section).
- 2. No more than half of the required course work for the program can be given advance credit from exterior institutions.
- 3. A course may not be used for credit toward more than one degree, diploma or certificate.
- 4. The student must register at the University of Manitoba for one academic year as a full-time student and must also complete the thesis at The University of Manitoba.
- 5. Regardless of the extent of advanced credit received, all students are required to pay the program fee.

Observations

- 1. Master's and Ph.D. Oral Examination Sections: To explicitly state the expectation that all members of the examining committee (or internal members at the Ph.D. level) be present at a student's oral defense.
- 2. Master's Thesis/Practicum Final Approval/Rejection Section and Ph.D. Report of the Committee Section: To explicitly state at which stages (or a combination of stages) a student can fail his/her thesis (practicum) and therefore be required to withdraw from the Faculty of Graduate Studies.

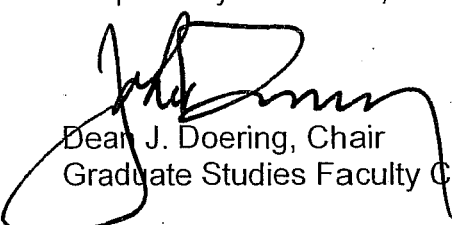
3. Ph.D. Advance Credit: This change prevents students from transferring in more than 50% of completed coursework taken at the University of Manitoba, e.g., taking additional courses at the Master's level and "banking them" for the Ph.D. The Master's section currently reflects this 50% rule.

Recommendations:

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Regulation Change [dated March 9, 2010] regarding the following regulation changes:

- i) **SECTION 4.2: [Master's] Thesis/Practicum Examination Procedures – Oral Examination**
- ii) **SECTION 5.2: [Ph.D.] Thesis Examination Procedures – Oral Examination**
- iii) **SECTION 4.2: [Master's] Thesis/Practicum Examination Procedures – Final Approval/Rejection**
- iv) **SECTION 5.2: [Ph.D.] Thesis Examination Procedures – Report of the Committee**
- v) **SECTION 5: General Regulations: Ph.D. – Advance Credit**

Respectfully submitted,



Dean J. Doering, Chair
Graduate Studies Faculty Council

/py

Report of the Faculty Council of Graduate Studies on Program Change

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes, and new graduate programs. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a program changes from the following Departments:
 - i. **The Department of Family Social Sciences (FSS), Faculty of Human Ecology: [M.Sc.] Proposal to Increase Credit Hours**
(Please see Attach. A.)

The Department of FSS proposes to increase the minimum required credit hours in the M.Sc. from 18 to 21 credit hours due to increasing the statistics/research methods requirement from 6 to 9 credit hours.

- ii. **The Department of Sociology: [M.A.] Proposal to Increase Credit Hours**
(Please see Attach. B.)

The Department of Sociology proposes to increase the minimum required credit hours in the M.A. from 12 to 18 credit hours with 3 credit hours to be a Sociology methods course and 3 credit hours to be an additional elective.

Observations:

1. The Department of Family Social Sciences (FSS), Faculty of Human Ecology, proposes to increase the minimum required credit hours in the M.Sc. from 18 to 21 due to increasing the statistics/research methods requirement from 6 to 9 credit hours.

Two of the reasons FSS Master's students often take longer than two years to complete their degrees are a delay in choosing a thesis topic and uncertainty in the area of statistics/research methods. FSS is addressing the matter of choosing a thesis topic by proposing a required seminar course (0 credit hours) that is designed to get students working on their thesis during his/her first term in the department. The increase in credit hours of

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

statistics/research methods courses is to ensure students have the tools and developed skills to conduct their thesis research in a timely manner. Despite an increase in required coursework, this proposal will have a favorable impact on reducing time-to-completion.

2. The Department of Sociology proposes to increase the minimum required credit hours in the M.A. from 12 to 18 with 3 credit hours to be a Sociology methods course and 3 hours to be an additional elective. The proposal stems from a recommendation in the department's 2008 graduate program review and brings the course requirements more closely into line with major Canadian sociology programs (Toronto, Alberta, Carleton, Victoria, and Calgary; McMaster and UBC have even higher requirements).

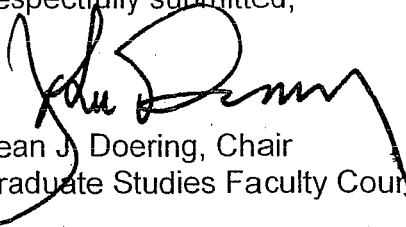
Students will be able to complete the 18 credit hours of coursework in one year. Their education will be improved in the sense that they will have a wider range of course options. Students will also be able to begin the thesis phase of their work with a stronger set of methodological, substantive and analytic tools. They will thus be better positioned to move through the proposal preparation and presentation, data collection and analysis, and thesis finalization stages. The proposal will have either a neutral or positive effect on time-to-completion rates and requires no additional course development and therefore no additional resources.

Recommendations:

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Program Change [dated March 9, 2010] regarding the following program changes:

- i. **The Department of Family Social Sciences (FSS), Faculty of Human Ecology: [M.Sc.] Proposal to Increase Credit Hours**
- ii. **The Department of Sociology: [M.A.] Proposal to Increase Credit Hours**

Respectfully submitted,



Dean J. Doering, Chair
Graduate Studies Faculty Council

/py

Report of the Faculty Council of Graduate Studies on Policy Change

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes, and new graduate programs. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider a policy change from the following Department:
 - i. **Faculty of Dentistry: Requirement for Adult Criminal Record Check and Child Abuse Registry Check**
(Please see Attach. A.)

The Faculty of Dentistry proposes that its clinical graduate programs add a requirement for an Adult Criminal Record Check and Child Abuse Registry Check.

Observations:

The proposed policy will require that the Adult Criminal Record Check and the Child Abuse Registry Check be submitted by the time of initial registration to the Clinical Graduate Program and annually thereafter. Also, a signed self-declaration of previous adult criminal convictions or appearance on the Child Abuse Registry will be required at time of application to the Clinical Graduate Program.

This policy proposal is similar to those of other health programs, including the Faculty of Medicine. Also, this proposed policy is compliant with the requirements of the Regional Health Authorities (RHAs) and other facilities in which Clinical Graduate Program participants are educated.

The Guidelines and Policy Committee felt that a university-wide policy on requiring record checks should be put in place.

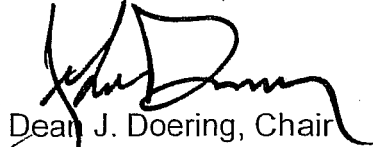
Comments of the Senate Executive Committee:
The Senate Executive Committee endorses the report to Senate.

Recommendations:

THAT Senate approve the Report of the Faculty Council of Graduate Studies on Policy Change [dated March 9, 2010] regarding the following policy change:

- i. **Faculty of Dentistry: Requirement for Adult Criminal Record Check and Child Abuse Registry Check**

Respectfully submitted,



Dean J. Doering, Chair
Graduate Studies Faculty Council

py

Report to Dental Faculty Council concerning a proposal from the Committee for Selection (Oral & Maxillofacial Surgery, Orthodontics & Periodontics) for the Clinical Graduate Programs to add requirements for an adult criminal record check and a child abuse registry check to the admission and registration processes of the Faculty of Dentistry.

Preamble:

This policy proposal is similar to those of other health programs, including the Faculty of Medicine. Also, this proposed policy is compliant with the requirements of the Regional Health Authorities (RHAs) and other facilities in which Clinical Graduate Program participants are educated.

Observations:

1. This proposed policy, if approved, will require that the Adult Criminal Record Check and the Child Abuse Registry Check be submitted by the time of initial registration to the Clinical Graduate Program and annually thereafter. Also, a signed self-declaration of previous adult criminal convictions or appearance on the Child Abuse Registry will be required at time of application to the Clinical Graduate Program.
2. Clinical Graduate Program participants who have adult criminal convictions which indicate they may pose a threat to the safety and well-being of children and others, and applicants who appear on the Child Abuse Registry as offenders, will be denied admission and registration.
3. The documents must be verified by the Committee for Selection (Oral & Maxillofacial Surgery, Orthodontics & Periodontics) after which they will be returned to the student, as the formal check documents are the property of the student.
4. An Adult Criminal Record Check application form can be obtained from the Winnipeg Police Service, Public Safety Building, 151 Princess St., Winnipeg, or at www.winnipeg.ca/police/bpr/info_request.stm#agencies, or from a local law enforcement agency. A Child Abuse Registry application form can be obtained from Child and Family Services, Child Protection, 201 - 114 Garry Street, Winnipeg, or at www.gov.mb.ca/fs/childfam/child_abuse_registry_form.html#form. The cost of these checks is the responsibility of the Clinical Graduate Program participant, a practice that is consistent with other programs where checks are required.
5. Although the Province of Manitoba notes on its webpage that for any individual applying for an unpaid position which involves the working with children, that the individual is to make his/her application "through the employer/agency as a fee exemption may apply", the Faculty of Dentistry is requiring all Clinical Graduate Program participants to complete a Child Abuse Registry check directly through the Registry itself.
6. Clinical Graduate Program participants who appear on the Child Abuse Registry as offenders will be withdrawn from the program.
7. Any changes in a student's status while in the Faculty of Dentistry, Clinical Graduate Program, during the time between annual checks, must be reported to the Program Director, who will then consult with the Faculty.

Recommendations:

The Committee for Selection (Oral & Maxillofacial Surgery, Orthodontics & Periodontics) of the Clinical Graduate Program recommends that Dental Faculty Council approves the proposal for the Clinical Graduate Program participants:

1. to require all Clinical Graduate Program participants submit an Adult Criminal Records/Child Abuse Registry self-declaration form, and
2. to require all applicants accepted to the Faculty of Dentistry, Clinical Graduate Program submit and be cleared on a formal Adult Criminal Record check (including vulnerable sector screening) and a formal Child Abuse Registry check by the time of their initial registration and at subsequent annual re-registrations while in the Clinical Graduate Program.
3. After approval from Dental Faculty Council, this recommendation will be forwarded to the Faculty of Graduate Studies for approval.

Report of the Faculty Council of Graduate Studies on Curriculum Change

Preamble:

1. The Faculty of Graduate Studies has responsibility for all matters relating to the submission of graduate course, curriculum and program changes, and new graduate programs. Recommendations for new programs or changes are submitted by the Faculty Council of Graduate Studies for the approval of Senate.
2. The Faculty Council of Graduate Studies met on the above date to consider curriculum changes from the School of Art.

Observations:

1. The Master of Fine Art program was approved by the Board of Governors on April 22, 2008. The program received a Letter of Implementation from the Provost on January 26, 2010.
2. The Master of Fine Art will be offered for the first time in September 2010.
3. The School of Art has reviewed the course offerings originally proposed in 2005 and proposes the deletion of nine courses and the introduction of six courses to remove the spanned courses and update the program. The School also proposes modifications to the program (see attached) to reflect the course changes.

Recommendation:

The Faculty of Graduate Studies recommends:

THAT Senate approve the Course Changes and Program Modifications in the Master of Fine Art program.

Respectfully submitted,

Dean J. Doering, Chair
Graduate Studies Faculty Council

School of Art

Deletions:

STDO 6DDD Studio Concentration 1 Cr.Hrs. 6	-6
STDO 7DDD Studio Concentration 2 Cr.Hrs. 6	-6
STDO 6BBB Visiting Artist Program 1 Cr.Hrs. 3	-3
STDO 7BBB Visiting Artist Program 2 Cr.Hrs. 3	-3

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

STDO 6CCC Art Theory Cr.Hrs. 3	-3
STDO 7CCC Contemporary Art Theory Cr.Hrs. 3	-3
STDO 7EEE Cultural Studies in Studio Art Cr.Hrs. 3	-3
STDO 7FFF Interdisciplinary or Intermedia Studio Cr.Hrs. 3	-3
STDO 7HHH Image and Word Cr.Hrs. 3	-3

Introductions:

STDO 7010 Studio Concentration 1 Cr.Hrs. 3 +3
Advanced individual instruction and critique in the student's chosen studio area by faculty and visiting artists.

STDO 7020 Studio Concentration 2 Cr.Hrs. 3 +3
A continuation of Studio Concentration 1. Advanced individual instruction and critique in the student's chosen studio area by faculty and visiting artists.

STDO 7030 Studio Concentration 3 Cr.Hrs. 3 +3
A continuation of Studio Concentration 2. Advanced individual instruction and critique in the student's chosen studio area by faculty and visiting artists.

STDO 7040 Studio Concentration 4 Cr.Hrs. 3 +3
A continuation of Studio Concentration 3. Advanced individual instruction and critique in the student's chosen studio area by faculty and visiting artists.

STDO 7130 Graduate Seminar 3 Cr.Hrs. 3 +3
A continuation of Graduate Seminar 2. A further investigation of contemporary art concepts in the context of the studio program of work.

STDO 7230 Contemporary Art Therapy Cr.Hrs. 3 +3
An examination of art theory from structuralism, post-structuralism, semiotic, sociological and psychoanalytic methods.

NET CHANGE IN CREDIT HOURS: -15

SCHOOL OF ART MASTER OF FINE ART PROGRAM: Table comparing original approved and revised proposed programs

ORIGINAL APPROVED PROGRAM		CR.HR.	In Library Resource Statement, number is:	Course number	REVISED PROPOSED PROGRAM	CR.HR.
STDO 6DDD	Studio Concentration 1	6	STDO 6LLL	STDO 7010	Studio Concentration 1	3
STDO 7DDD	Studio Concentration 2	6	STDO 6MMM	STDO 7020	Studio Concentration 2	3
STDO 6BBB	Visiting Artist Program 1	3	STDO 7LLL	STDO 7030	Studio Concentration 3	3
STDO 7BBB	Visiting Artist Program 2	3	STDO 7MMM	STDO 7040	Studio Concentration 4	3
STDO 6CCC	Art Theory	3		STDO 7110	Graduate Seminar 1	3
STDO 7CCC	Contemporary Art Theory	3		STDO 7120	Graduate Seminar 2	3
STDO 6AAA	Graduate Seminar 1	3	STDO 7JJJ	STDO 7130	Graduate Seminar 3	3
STDO 7AAA	Graduate Seminar 2	3			Teaching &/or Research Assistant	
GRAD 7XXX	Thesis/Studio Exhibition	N/C		GRAD ⁷²⁰⁰ 7000	Thesis/Studio Exhibition	N/C
	The M.F.A. thesis consists of both a written thesis (of which the first page comprises the artist statement) and also a solo exhibition. Performance on the written and exhibition components will constitute the performance for the thesis.				The M.F.A. thesis consists of both a written thesis (of which the first page comprises the artist statement) and also a solo exhibition. Performance on the written and exhibition components will constitute the performance for the thesis.	
	ELECTIVES				ELECTIVES	
	6 credit hours of approved graduate level elective courses, which can be taken in the School of Art, or with committee permission, in another faculty at the University of Manitoba.				6 credit hours of approved graduate level elective courses, which can be taken in the School of Art, or with committee permission, in another faculty at the University of Manitoba.	
STDO 7EEE	Cultural Studies in Studio Art	3		STDO 7210	Themes in Contemporary Studio Art	3
STDO 7FFF	Interdisciplinary or Intermedia Studio	3	STDO 7PPP	STDO 7230	Contemporary Art Theory	3
STDO 7GGG	Themes in Contemporary Studio Art	3	STDO 7QQQ	STDO 7300	Special Topics in Fine Art	3
STDO 7HHH	Image and Word	3				
STDO 7III	Special Topics in Fine Art	3				
Credit hours to graduate:		36			Credit hours to graduate:	27
Expected time to graduation:		2 yrs FT			Net change in credit hours	- 9
					Expected time to graduation:	2 yrs FT

Report of the Senate Committee on Nominations

Preamble

1. Since last reporting to Senate February 3, 2010, the Senate Committee on Nominations (SCN) met on April 14, 2010, 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.

Recommendation

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

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Academic Computing	Dean David Collins	Pharmacy	2013.05.31
	Prof. Georg Schreckenbach	Science	2013.05.31
	Prof. Mary Brabston	Management	2013.05.31
	Prof. Struan Sinclair	Arts	2013.05.31
Senate Committee on Academic Freedom	Prof. Joanne Embree	Medicine	2013.05.31
Senate Committee on Academic Review	Prof. John Van Rees	Science	2013.05.31
	Dean Jane Watkinson	Kinesiology & Recreation Management	2013.05.31
	Prof. Janet Morrill	Management	2012.05.31
Senate Committee on Admissions	Dean Dauna Crooks	Nursing	2012.05.31
	Ms. Jan Guise	Libraries	2013.05.31
Senate Committee on Admission Appeals	Prof. Peter McVetty	Agricultural & Food Sciences	2013.05.31
	Prof. Moni Fricke	Medicine	2013.05.31
Senate Committee on Animal Care	Prof. Gary Anderson	Science	2013.05.31
	Prof. Alison Calder	Arts	2013.05.31
Senate Committee on Appeals	Prof. Sharon Alward	Fine Arts	2013.05.31
	Prof. Darcy MacPherson	Law	2013.05.13
	Prof. Claudio Stasolla (leave replacement)	Agricultural & Food Sciences	2011.05.31

COMMITTEE	NOMINEE(S)	FACULTY/SCHOOL	TERM END DATE
Senate Committee on Awards	Prof. Greg Smith	Arts	2013.05.31
	Prof. Laura Loewen	Music	2013.05.31
	Prof. Nicole Harder	Nursing	2013.05.31
	Prof. Isabel Mello	Dentistry	2013.05.31
Senate Committee on Curriculum and Course Changes	Prof. Elizabeth Worobec	Science	2013.05.31
	Prof. Mark Lawall	Arts	2013.05.31
	Prof. Dieter Schonwetter	Dentistry	2013.05.31
Senate Committee on the Ethics of Research Involving Human Subjects	Prof. Tuula Heinonen	Social Work	2013.05.31
	Prof. Francine Morin	Education	2013.05.31
Senate Committee on Honorary Degrees	Prof. Judy Anderson	Science	2013.05.31
	Prof. Arlene Young	Arts	2013.05.31
	Prof. Edmund Dawe	Music	2013.05.31
Senate Committee on Instruction and Evaluation	Prof. Mark Lawall	Arts	2013.05.31
	Prof. Zana Lutfiyya	Education	2013.05.31
	Prof. Elena Smirnova	Science	2013.05.31
Joint Senate Committees (JSC) on Masters' Programs	Prof. Mark Libin	Arts	2013.05.31
	Prof. Jessica Senehi	Mauro Centre for Peace and Justice	2013.05.31
Joint Senate Committees (JSC) on Masters' Programs Appeals	Prof. Atlanta Sloane-Seale	Extended Education	2013.05.31
Senate Committee on the Libraries	Dean David Collins	Pharmacy	2013.05.31
	Dean Mark Whitmore	Science	2013.05.31
	Prof. Kurt Markstrom	Music	2013.05.31
	Prof. Vanessa Warne	Arts	2013.05.31
Senate Committee on Medical Qualifications	Prof. Elizabeth Cowden	Medicine	2013.05.31
	Prof. Michael Moffat	Medicine	2013.05.31
Senate Planning and Priorities Committee	Mrs. Ada Ducas	Libraries	2014.05.31
	Prof. Donald Smyth	Medicine	2014.05.31
	Prof. Jon Young	Education	2014.05.31
	Prof. Michael Freund	Science	2014.05.31
	Prof. Eduard Epp	Architecture	2014.05.31
	Prof. James Blatz	Engineering	2014.05.31
	Prof. Christine Davis	Pharmacy	2014.05.31
Senate Committee on Rules and Procedures	Prof. Ken MacKendrick	Arts	2013.05.31
Senate Committee on University Research	Dean Tony Iacopino	Dentistry	2013.05.31
	Prof. Karen Wittenberg	Agricultural & Food Sciences	2013.05.31
	Prof. Roberta Woodgate	Nursing	2013.05.31
	Prof. Lea Stirling	Arts	2013.05.31

Report of the Senate Committee on Instruction and Evaluation RE: Revisions to the Criteria for Students "*Ineligible to Proceed in Engineering*", Faculty of Engineering

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 the above date to consider a proposal from the Faculty of Engineering to modify the *Student Progress and Academic Status regulations*.

Observations:

1. The Faculty of Engineering is proposing to redefine the conditions under which an Engineering student would be deemed as *ineligible to proceed* within the Faculty due to sub-standard performance. The current system which identifies underperforming students based on a repeated/replaced credit hours can lead to students being forced to halt their programs with only a small number of courses remaining to complete their program.
2. The proposed modification is intended to identify underperforming students earlier in their program by introducing a sliding scale by which student performance is judged, rather than through the hard limit previously in place.
3. The new threshold of 72 credit hours of coursework before being assessed will mean that a student would be well into their second year in the faculty, thus giving them a reasonable opportunity to adjust to the program and establish themselves, before an assessment is made. The Committee noted that the Engineering program normally requires students taking a heavier courseload than other faculties.
4. It was noted that this change will not impact the regular, term-based student assessment currently in place.

Recommendations

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve the change to the criteria for students "*Ineligible to Proceed in Engineering*".

Respectfully submitted,

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

/mb

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

Proposed Change in Criteria for Students “Ineligible to Proceed in Engineering” Faculty of Engineering

Section 3: Academic Regulations

3.12 Student Progress and Academic Status

Students shall be evaluated at the conclusion of each academic term in which they receive a final grade in a minimum of 6 credit hours of course material (excluding Special Student credit hours), with the assessment being based on the resulting Term Grade point Average (TGPA) in those courses. *This assessment shall be based on only those courses which form part of the student's Engineering program.* The academic assessments are as follows:

Good Academic Standing

A student with a TGPA of 2.00 or higher is in Good Academic Standing.

Academic Warning Letter

The first time the student's TGPA drops below 2.00, he/she will receive an Academic Warning. Students who receive such a warning are required to meet with an academic advisor from their department or, in the preliminary program, with the Associate Dean (undergraduate).

Academic Probation

The second time that a student's TGPA drops below 2.00, the student will be placed on Academic Probation.

Required to Withdraw

The third time that a student's TGPA drops below 2.00, the student will be Required to Withdraw. Students who receive such a suspension shall be ineligible to take Engineering courses from the end of the term for which the suspension was issued through to the start of that same term in the subsequent academic year (normally, a period of 8 months.)

In order to be reinstated following the suspension period, the student must submit a written application for reinstatement to the Associate Dean (Undergraduate). Applications must be made by August 14, for reinstatement by September 1, or December 7 for reinstatement by January 1.

Ineligible to Proceed in Engineering

A student shall be Ineligible to Proceed in Engineering under either of the following conditions:

- a) The student's TGPA drops below 2.00 for a fourth time, or;
- ~~b) The student has accumulated in excess of 40 credit hours of repeated or replaced credit hours.~~
b) The ratio of credit hours passed to credit hours attempted for that student drops below 75%, and the student has attempted a minimum of 72 credit hours.

~~Repeated or replaced credit hours do not include Voluntary Withdrawal (VW), Authorized Withdrawal (AW), or Special Student (SS) credit hours.~~

Approved by Engineering Faculty Council - 27 January 2010

Report of the Senate Committee on Instruction and Evaluation RE: Terms of Failure of the Clerkship, Undergraduate Medical Education, Faculty of Medicine

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 the above date to consider a proposal from the Faculty of Medicine to revise the "Terms for Failure of the Clerkship", Undergraduate Medical Education.

Observations:

1. The program in Undergraduate Medical Education is composed of four years in the Faculty of Medicine leading to a Doctor of Medicine (MD) degree. The Pre-Clerkship Program is composed of Year 1 and Year 2; the Clerkship component includes Year 3 and Year 4.
2. The Clerkship component is designed to give medical students didactic instruction, supervised responsibility for patient care and frequent feedback and evaluation. The Clerkship program, which lasts 20 months, includes the Introduction to Clerkship (ITC) program, core clerkship rotations, a multiple specialty rotation, and electives.
3. During the clerkship years, students will be evaluated on their competence including assessment of their cognitive knowledge and understanding, clinical skills, problem solving and judgment, technical skills, interpersonal attributes and general professional responsibility. Evaluation is the responsibility of the Committee of Evaluation, Clerkship, which is composed of the chair, one representative (usually the clerkship director or delegate) from each department, and the coordinator of the ITC laboratory and Investigative Medicine, the coordinators of ITC, clerkship, electives and comprehensive clinical examination as well the following ex-officio, non-voting members: the Associate Dean UGME, the Assistant Dean, Student Affairs, and four undergraduate student representatives.
4. In addition to other evaluation methods, students take the National Board of Medical Examiners (NBME) subject examinations in the following disciplines: internal medicine, obstetrics/gynecology, pediatrics, psychiatry, and surgery.
5. The Faculty proposes reducing the number of examination failures for a student to be deemed to have failed the Clerkship program (see attached revision to calendar entry).

Recommendations

The Senate Committee on Instruction and Evaluation recommends:

THAT Senate approve that the revision to the *Terms for Failure of the Clerkship, Undergraduate Medical Education, Faculty of Medicine.*

Respectfully submitted,

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

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

FACULTY OF MEDICINE

Failure of a Student in the Clerkship Program

The Clerkship Program is a continuum held over third and fourth years. A failure of the Clerkship Program is considered to be a failure of one year, see Section 3 Academic Regulations.

A. Terms for Failure of The Clerkship

The student will be deemed to have failed the Clerkship Program if:

1) Failure of Clinical Assessments

The student has received failing evaluations in one or more of the following:

- a) Two major clerkships in different disciplines (Internal Medicine including selective, Surgery including selective, Pediatrics, Obstetrics/Gynecology, Psychiatry, and Family Medicine)

OR

- b) One major clerkship, and:
 - i) its remedial, or
 - ii) an ITC remedial, or
 - iii) an MSR remedial, or
 - iv) an elective remedial

OR

- c) Remedials in two of the following:
 - a. Anesthesia
 - b. Emergency Medicine
 - c. Otolaryngology
 - d. Ophthalmology
 - e. Elective
 - f. ITC

2) Failure of Examinations

The student has received failing evaluations in one or more of the following:

- a) A National Board examination ~~three times~~ *in one discipline three times*, or
- b) ~~Three National Board Examinations twice~~ *A total of 5 National Board Examinations in any disciplines*, or
- c) The CCE after remediation, or
- d) The community health science project, including its remediation.

~~deleted~~

added

Approved by Faculty Executive Council March 10, 2010